

Educational Planning Guide for High School Students

For incoming 2021-2022
Freshman Class
Graduation Cohort 2025

Twenty-Fifth Edition
2021-2022
For Parents and Students



Mobile County
PUBLIC SCHOOLS

LEARNING TODAY. LEADING TOMORROW.



Mobile County PUBLIC SCHOOLS

One Magnum Pass P.O. Box 180069 Mobile, Alabama 36618 www.mcpss.com

MR. CHRISAL THREADGILL, SUPERINTENDENT



We believe our primary focus is to educate all students to become productive citizens; and we are committed to making this the priority over all other district functions. We believe all employees are professionals who share in the responsibility for the success of our students; and we are committed to recruiting, employing, developing and retaining employees who are effective in leading our district in achieving our mission. We believe in safe, secure, and productive environments for learning and working; and we are committed to providing quality and equitable settings that ensure students and employees reach their potential. We believe the success of our schools is enhanced by the support and partnership of the community and stakeholders; and we are committed to informing and engaging our community through transparency, accountability, and communication.

OUR VISION

Mobile County Public Schools will become a premier educational system where students engage in multiple pathways leading to success in a global society.

OUR MISSION

The mission of Mobile County Public Schools is to graduate prepared and productive citizens.

BOARD OF SCHOOL COMMISSIONERS

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DISTRICT ONE

MR. DON STRINGFELLOW
DISTRICT TWO

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SPECIAL EDUCATION PROGRAMS

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MRS. CHERYL ROBINSON-SUTTON
DISTRICT REGISTRAR

MRS. KATRICE S. CUNNINGHAM, DIRECTOR
STUDENT DISCIPLINE AND PLACEMENT

MR. CURTESS BELSON, SUPERVISOR
ATTENDANCE

MRS. DENISE RIEMER
LEAD SOCIAL WORKER

MRS. SHARON BAILEY
LEAD NURSE

MRS. PAMELA S. SMITH
LEAD NURSE

MRS. LORRAINE SHIRLEY
ITINERANT REGISTRAR

MR. PATRICK MITCHELL, SR. DIRECTOR
TRANSPORTATION

The Mobile County Public School System does not discriminate its education and employment programs on the basis of religion, age, race, color, sexual orientation, national origin, gender, marital or parental status, and disability. This district complies with all federal and state laws and regulations regarding discrimination. For any inquiries regarding compliance and/or grievance procedures may be directed to Bryan Hack, Executive Director, Human Resources, P.O. Box 180069 Mobile, Alabama 36618 or call (251) 221-4540.

High School Directory



BAKER HIGH SCHOOL

8901 AIRPORT BOULEVARD
MOBILE, ALABAMA 36608

www.bakerhighschool.com

MR. JOHN J. POIROUX, PRINCIPAL



W.P. DAVIDSON HIGH SCHOOL

3900 PLEASANT VALLEY ROAD
MOBILE, ALABAMA 36609

www.wpdavidson.org

MR. JASON RICHARDSON, PRINCIPAL



MATTIE T. BLOUNT HIGH SCHOOL

5450 LOTT ROAD
EIGHT MILE, ALABAMA 36613

www.blountmcpssal.schoolinsites.com

MR. C. JEROME WOODS, JR., PRINCIPAL



JOHN L. LEFLORE HIGH SCHOOL

700 DONALD STREET
MOBILE, ALABAMA 36617

www.lefloremcpssal.schoolinsites.com

DR. ANTONIO WILLIAMS, PRINCIPAL



ALMA BRYANT HIGH SCHOOL

14001 HURRICANE BOULEVARD
IRVINGTON, ALABAMA 36544

www.almabryanthhs.com

MR. DAVID SPRINKLE, PRINCIPAL

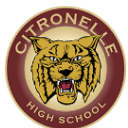


MARY MONTGOMERY HIGH SCHOOL

4275 SNOW ROAD
SEMMES, ALABAMA 36575

www.mgmvikings.com

MR. MARLON FIRLE, PRINCIPAL



CITRONELLE HIGH SCHOOL

8200 LEBARON AVENUE
CITRONELLE, ALABAMA 36522

www.citronellemcpssal.schoolinsites.com

MR. RANDY CAMPBELL, PRINCIPAL



S.S. MURPHY HIGH SCHOOL

100 SOUTH CARLEN STREET
MOBILE, ALABAMA 36606

www.mhspanthers.com

MR. SEAN CLARK, PRINCIPAL

High School Directory



B.C. RAIN HIGH SCHOOL

3125 DAUPHIN ISLAND PARKWAY
MOBILE, ALABAMA 36605
www.bcrainmcpssal.schoolinsites.com

MR. EDWARD SANDERSON, PRINCIPAL



BRYANT CAREER TECHNICAL CENTER

8950 PADGETT SWITCH ROAD
IRVINGTON, ALABAMA 36544
<https://bryanttechmcpssal.schoolinsites.com>

MR. WILLIAM MEREDITH, PRINCIPAL



THEODORE HIGH SCHOOL

6201 SWEDETOWN ROAD
THEODORE, ALABAMA 36582
www.theodorebobcats.org

MR. CHARLES MENTON, PRINCIPAL



FAULKNER CAREER TECHNICAL CENTER

33 WEST ELM STREET
PRICHARD, ALABAMA 36610
www.faulknerctc.com

MR. WILLIAM WHITE, PRINCIPAL



C.F. VIGOR HIGH SCHOOL

913 N. WILSON AVENUE
PRICHARD, ALABAMA 36610
www.vigorhighschool.com

MR. GERALD CUNNINGHAM, PRINCIPAL



AUGUSTA EVANS SPECIAL SCHOOL

6301 BILOXI AVENUE
MOBILE, ALABAMA 36608
<https://evansspecialmcpssal.schoolinsites.com>

MRS. ASHA J. KIDD, PRINCIPAL



WILLIAMSON HIGH SCHOOL AND MIDDLE GRADES PREPARATORY ACADEMY

1567 EAST DUBLIN STREET
MOBILE, ALABAMA 36605
www.williamsonmcpssal.schoolinsites.com

MR. KIRVEN LANG, PRINCIPAL



CONTINUOUS LEARNING CENTER

1870 PLEASANT AVENUE
MOBILE, ALABAMA 36617
www.clcmcpssal.schoolinsites.com

DR. WILLIAM SMITH, PRINCIPAL

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HOW TO USE THE EDUCATIONAL PLANNING GUIDE

Please know that it is the responsibility of the student and parent to access, read and comprehend ALL information in the Educational Planning Guide.

The mission and primary focus of the Mobile County Public School System is to produce and graduate students who are ready to become prepared and productive citizens. As a reflection of our fundamental belief in our students, we developed the Educational Planning Guide (EPG) to provide the necessary information and guidance needed to optimize their high school experience.

The Educational Planning Guide provides answers to all questions related to high school:

- Registration and Enrollment
- Earning and Transferring Credits
- Attendance
- Graduation Requirements
- Scheduling
- Grading Procedures and Calculation Methods
- Honor Society Memberships and Academic Lettering
- Athletics
- Advanced Academic and Special Programs
- Special Education Programs
- Course Descriptions

Throughout the EPG, you will notice icons, pictures, and pull quotes that have been selected to help you find and highlight important information.

Please know that it is the responsibility of the student and parent to access, read, and comprehend ALL information in the Educational Planning Guide. An electronic version of the EPG can be accessed on the MCPSS website (Academic Affairs, Guidance and Counseling area) as well as on the main page of each high school's website. On each website, you will also have access to the PDF version of the EPG to download and print a copy.

Updates and changes made to the Graduation Requirements and Grading and Credits sections apply to the Freshman Class of 2021-2022 (Graduating Class of 2025), ONLY. All other classes will follow requirements written in the following Educational Planning Guide publications:

Freshman Class 2018-2019 (Graduating Class of 2022):	Educational Planning Guide 2018-2019	22 nd Edition
Freshman Class 2019-2020 (Graduating Class of 2023):	Educational Planning Guide 2019-2020	23 rd Edition
Freshman Class 2020-2021 (Graduating Class of 2024):	Educational Planning Guide 2020-2021	24 th Edition
Freshman Class 2021-2022 (Graduating Class of 2025):	Educational Planning Guide 2021-2022	25 th Edition

Updates and changes made to the Graduation Requirements and Grading and Credits sections apply to the Freshman Class of 2021-2022 (Graduating Class of 2025) ONLY

REGISTRATION AND ENROLLMENT

- ENROLLMENT PROCESS
- TRANSFER STUDENTS
- TRANSFERRING CREDITS
- TRANSFERRING FROM NON-ACCREDITATED SCHOOLS
- ENROLLING STUDENTS IN A HOMESCHOOL PROGRAM
- GRADE PLACEMENT

MRS. CHERYL ROBINSON-SUTTON, District Registrar
csutton@mcpss.com

REGISTRATION PROCESS

All Mobile County Public School System students **MUST** complete on-line registration each school year.

New Students: <https://newstudentregistration.mcpss.com>

Returning Students: <https://stuupdateinfo.mcpss.com>

The following items must be presented to the high school Registrar in order to complete enrollment:

- Parent/Legal Guardian Photo Identification
Driver's License or Non-Driver ID or other Photo ID
- Alabama Immunization Certificates
All students must have an IMM-50 Certificate of Immunization or an IMM-52 Certificate of Religious Exemption. A physical examination verified on Form SS-517 is also recommended. Only Alabama issued immunization certificates are acceptable. A new enrollee from another public school in Alabama will be conditionally enrolled pending receipt of school records containing the student's immunization certificate.
- Immunization Certificates are required for the following:
 1. Any child entering kindergarten or first grade who has not previously attended school.
 2. Any new enrollee transferring from outside the State of Alabama.
 3. Any new enrollee transferring from a private school.
- A Copy of Student's Certified Birth Certificate
- Student's Social Security Number
- Two Proofs of Residence
Information regarding Provisions for Determining Proof of Residence may be received by contacting the Division of Student Services or any local public school.
- Report Card and/or Withdrawal Paper
- Copy of Transcript/Record from Previous School
- Custody Papers (if applicable)

TRANSFER STUDENTS

(ACCREDITED SCHOOLS, NON-ACCREDITED SCHOOLS, AND HOME SCHOOL SITUATIONS)

Students transferring from accredited public or non-public schools/school settings will have all credits and current class/grade placement accepted upon receipt of their official transcript(s) without validation. The Alabama State Department of Education and the U.S. Department of Education recognize the following accrediting agencies:

- COGNIA (Formerly AdvancED)
- Southern Association of Colleges and Schools (SACS)
- Middle States Association of Colleges and Schools
- New England Association of Schools and Colleges
- North Central Association of Colleges and Schools
- Western Association of Schools and Colleges
- North Western Association of Schools and Colleges

A complete list of schools accredited by AdvancED/COGNIA can be viewed by visiting www.cognia.org or visiting the regional organization's website. Public or non-public schools/school settings that are accredited by any other accrediting program or agency are considered to be non-accredited schools/school settings. For transferring core (English, mathematics, science, and social studies) courses from non-accredited schools/school settings, official records, national standardized tests, and locally-administered end-of-course test should be used to determine placement/credit for students. Elective courses are transferred without validation.

Validation of core-courses/credits from non-accredited (not Cognia accredited) educational settings is required. All official records and nationally standardized test results (if available) will be used in the validation process. Request for Validation Testing form should be sent to Teaching, Learning, and Assessment for middle school grade placement, 8th grade to 9th grade high school placement, and transfer of high school core credits.

TRANSFERRING CREDITS

1. The transfer of credits and/or 9th grade placement shall be as follows:
 - Credit for elective courses shall be transferred without validation.
 - Non-contested credit for core courses shall be transferred as follows:
 - Using all official records and nationally standardized tests (if available), the principal or his/her designee shall determine placement and notify the student and the parent(s)/guardian(s).
 - Following placement for any initial core courses successfully completed, transfer of previous credit earned at a non-accredited school(s) in that subject area shall be accepted without further validation.
 - Validation of core courses from non-accredited institutions will be administered as follows:
 - A Central Office designee shall supervise the administration of the District's most recent semester test for each prerequisite core course in which the parent/guardian is requesting enrollment. For each test the student passes as determined by the district office personnel, the student shall be placed in the next level core course and credit shall be transferred for prerequisite courses. The grade earned from the non-accredited setting shall be the grade recorded on the transcript upon passing the exam(s).
 - For any test failed, placement shall be made by district office officials and no credit shall be transferred for the prerequisite course(s) in that subject.

2. In the event of controversial records/transcripts, the absence of records, or records from a non-accredited institution, the student shall take placement/validation tests consisting of the District's core validation exams.

3. Transfers from Accredited Schools

A student transferring to an Alabama public school from a public or non-public school accredited by an accrediting agency recognized by the State Board of Education will have all credits accepted without validation upon the receipt of an official transcript(s).

The School Counselor will complete a MCPSS Transfer of Credit Approval Form, as needed, and submit a copy to the School Registrar so that a valid transcript and be placed in PowerSchool.

4. Local Board of Education Requirements

All transfer students must meet the graduation requirements established by the Mobile County Public School System.

5. In Mobile County, valid credits are accepted at face value. No accommodations will be made to waive **core course requirements** for graduation for students transferring from schools not following a block schedule. Students transferring from an accredited institution on a 6 or 7 period schedule and have received half (.5) credit for a core class will receive half (.5) elective credit for core course and be scheduled for the course again.

6. All transcripts of students who have withdrawn during the last quarter of a semester from an out-of-district school and have not received credit for those courses should be forwarded to Mrs. Cheryl Sutton, District Registrar, Dr. Kimberly Walker, Supervisor of Guidance and Counseling Services, and Mrs. Helen Miles, Academic Coordinator of Teaching, Learning, and Assessment immediately upon receipt. **(Board Approved 4/23/18)**

PRORATION OF GRADUATION CREDITS FOR TRANSFER STUDENTS

If a student transfers from a school system outside of Mobile County Public Schools that requires less credits for graduation, a request for proration of graduation credits can be made. **The number of credits required for graduation may be prorated to 24 (ALSDE standard) provided all necessary requirements are met. This waiver is only granted through Academic Affairs.** The process is as follows:

- The transfer student **must be a Senior** who is in their cohort year.
- The student must satisfy all core and required electives.
- The counselor must submit a written request, along with a transcript, to the Supervisor of Guidance and Counseling.
- Proration of graduation credits must be properly documented in iNOW after approval is given.

Students who transfer into an MCPSS high school prior to their senior year have enough time to earn the credits required for graduation through following regular schedule, working through Credit Recovery, and/or Summer School.

HOMESCHOOLING

Parents seeking information regarding home schooling should contact the Division of Student Support Services. There are specific guidelines for students taught in the home setting or by a private tutor.

When a child enters or re-enters a public school setting, the guardian will be required to provide documentation of the school years enrolled in a home schooling program, courses completed and grading information, and either a promotion statement (i.e. John Doe is promoted to the 9th grade.) or a grade completion statement [(i.e. John Doe has completed the 8th grade requirements under the supervision of (Name of School).] Once the student has presented documentation of completion of the 8th grade, and passed 8th grade validation tests, the student should be enrolled as a 9th grade student. If the student is entering as a high school student and attempting to transfer credits, the same procedures should be followed as outlined in the section, "Transfers from Non-Accredited and Accredited Schools," located above.

GRADE PLACEMENT

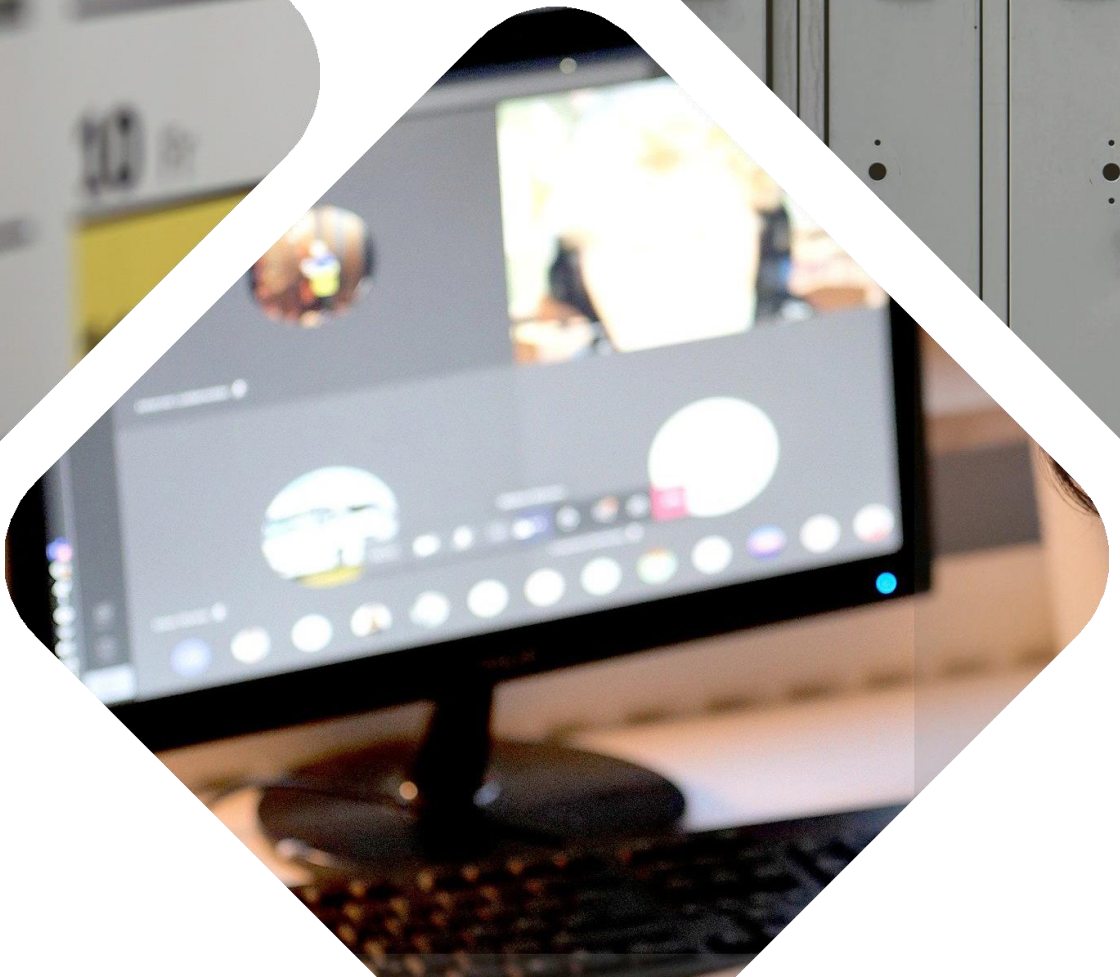
Once a student enrolls in high school, they are placed or promoted to each grade level based on the following information:

Grade 9 (Freshman)	Successful completion of Middle School
Grade 10 (Sophomore)	Successful completion of 7 credits and an approved Educational Plan of Study
Grade 11 (Junior)	Successful completion of 14 credits
Grade 12 (Senior)	Successful completion of 20 credits – and must be able to complete all graduation requirements within the year.

ENROLLING NON-TRADITIONAL STUDENTS

Non-Traditional students (NTS) are those who are homeschooled; yet, enroll to take part in varsity athletics and/or other extracurricular activities that are not offered through their homeschool program.

- Non-traditional students must enroll in a school that services the area in which they live.
- Prior to enrollment, students and parents must complete the On-line registration process.
- Students follow regular enrollment procedures and present all proofs of residency and official transcripts.
- Students must be enrolled within the first 20 days of the semester in order to participate in any athletic sport or extra-curricular activity.
- Students will complete validation testing for core courses in order to be eligible to play on any athletic team.
- If the student decides to enroll in the traditional school full-time, they will be deemed eligible only if all requirements are met.
- If the student withdraws due to making a failing grade, they will be deemed ineligible to participate in athletics for one (1) year. If the student is in good academic standing at the time of withdrawal, they will remain eligible.



ATTENDANCE

- MCPSS ATTENDANCE POLICY
- MEDICAL LEAVE OF ABSENCE
- CONTINUOUS ATTENDANCE FOR GRADUATION

MR. CURTESS BELSON, Supervisor of Attendance
cbelson@mcpss.com

ATTENDANCE POLICY

- A. Students are required to be on time for school. It is the responsibility of the parents or guardians to make sure that their children arrive on time each day.
- B. Any time that a student is absent, the parent or guardian must send a written note to school satisfactorily explaining the absence. A satisfactory note from a parent or guardian meets the following state guidelines: illness, death in the immediate family, inclement weather (as determined by the principal) which would be dangerous to the life and health of the child, legal quarantine, emergency conditions as determined by the principal, and prior permission of the principal and consent of the parent or guardian. The note or doctor's excuse must be sent to school *within three days* of the student's return to school to be counted as an excused absence. **SUSPENSIONS ARE UNEXCUSED ABSENCES.**
- C. In cases of prolonged absence due to illness, the parent or guardian should seek assistance from the Homebound Program or make other arrangements with their child's principal. **If the student is planning a medical leave of absence (i.e. surgery, pregnancy), he/she is required to complete a Planned Medical Leave Contract (see School Nurse).**
- D. A written note from a parent or guardian, as described above, will excuse absences for up to but not exceeding *four (4) absences for any full credit course per term* and not exceeding *two absences for any half credit course per term*. Further absences will require a doctor's note in order to be coded excused.
- E. Parents or guardians of any student having a chronic ailment that may cause the child to miss school during the year are required to provide the school with a doctor's statement verifying the child's condition. This must be done as soon as the problem occurs and repeated at the beginning of each semester. Even though a student may have a chronic ailment letter on file, the parent/guardian must provide note for each absence due to the chronic ailment.
- F. Prior permission must be obtained from the principal in order for absences for out-of-town trips to be excused.
- G. Students must be in attendance one-half of the instructional day to be counted present. An early dismissal before ½ day (3½ hours) or a tardy after ½ day is counted as an absence. Tardies and early dismissals are strongly discouraged.
- H. Students are responsible for reporting to school and to each class in accordance with their approved schedules.
- I. Teachers shall be responsible for checking the roll daily in their assigned classes and properly recording attendance.
- J. A student approved by the principal or his designee to participate in or attend a school sponsored or other approved activity during the school day shall be counted present. Students are responsible for all assignments missed while participating in or attending said activities.
- K. The principal shall notify teachers in advance about students who will be attending approved activities and who will be counted present.

- L. The principal or administrative designee should make every reasonable effort to contact (by telephone or in writing) the parents of any absent students on the day of the absence.
- M. The principal shall notify the parent or guardian of the student's attendance record after the first day of unexcused absence per term for any full credit course and after the first day of unexcused absence per term for any half-credit course. This should be documented and kept on file for future reference..

EARLY WARNING TRUANCY PROGRAM

Parents and students will be referred to the Early Warning Truancy Program on the fifth (5th) unexcused absence and on the fifteenth tardy to school. Referral to the program includes the following steps:

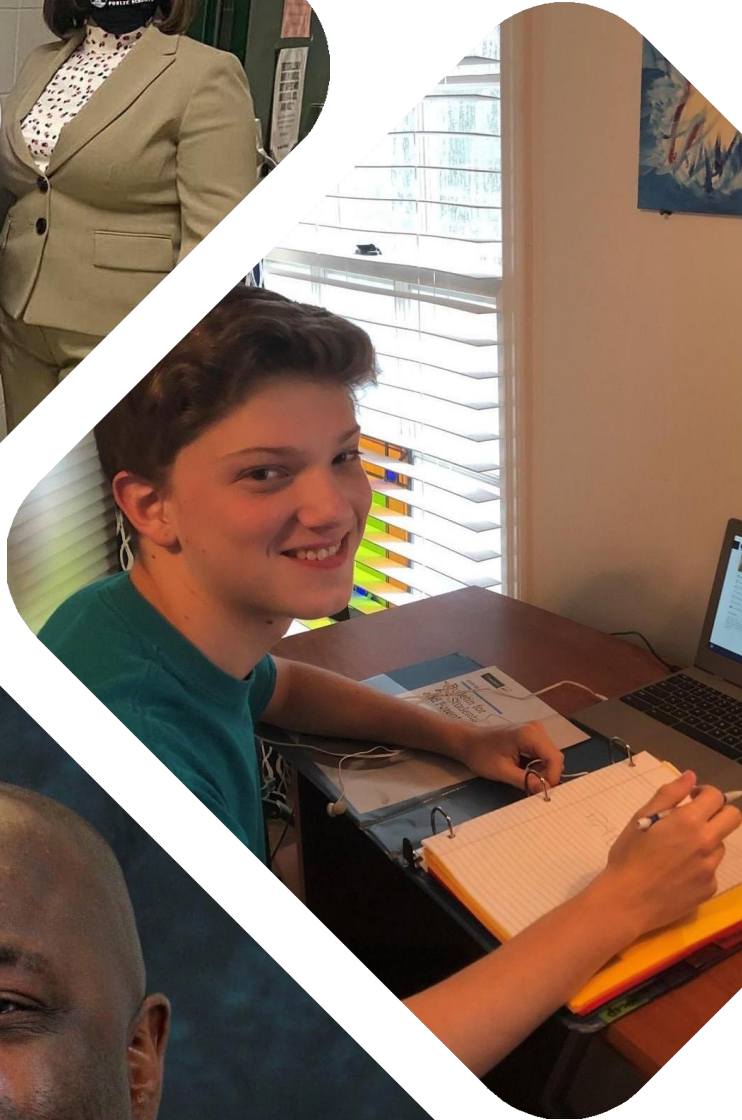
1. The parent will receive official notification by U.S. Mail. The notice will require the parent and student to report to the Municipal Court located at the City/County Government Plaza.
2. The parent and student will meet with the Attendance Officer and the District Attorney. The Attendance Officer will review the system's Attendance Policy; the District Attorney will review the State of Alabama's Attendance Laws and consequences of breaking the laws.
3. If the parent and student fail to appear at the schedule Early Warning Truancy Program, the parent shall receive legal notice and a court referral.

CONTINUOUS ATTENDANCE FOR GRADUATION

Except in cases of legitimate change of residence or other circumstances equally valid for making an exception, a student is not to be graduated from high school unless he has been in continuous attendance therein during the entire high school year immediately preceding the date of graduation. If so desired, a local board of education may require students residing within its attendance zone and transferring from a non-accredited school setting to attend its school(s) for two (2) entire school years immediately preceding the date of graduation. In the event of the transfer from one school to another of a twelfth grade student who wishes to become a candidate for graduation at the end of the year, the school receiving the student should require approval in writing of the transfer, and the student's candidacy for graduation from the principal of the school from which the student has withdrawn. The letter of approval, together with any necessary memoranda, should be filed with the transcript of the student's record from the discharging school. In case of doubts as to procedure or appropriate action in such case, either or both of the principals of the schools concerned should discuss the matter with the State Department of Education.

- *Alabama Administrative Code, Chapter 290-3-1-.02-(8.1) (h-1)*

Parents and students will be referred to the EARLY WARNING TRUANCY PROGRAM on the fifth (5th) unexcused absence and on the fifteenth tardy to school.



Friday, May 14:
7 p.m. to 9 p.m.

Saturday, May 15:
10:30 a.m. to 12:30 p.m.
(1), 1:30 p.m. to 3:30 p.m.
(2), 5:30 p.m. to 7:30 p.m.

Graduation Requirements

- DIPLOMA REQUIREMENTS
- GRADUATION REQUIREMENTS
- ALABAMA CAREER PLANNING SYSTEM
- PROCEDURE FOR CHANGE OF DIPLOMA TRACK
- DECLARATION OF EARLY GRADUATION
- MID-YEAR GRADUATION
- RANKING OF SENIORS

DR. KIMBERLY L. WALKER,
Supervisor of Guidance and Counseling
kwalker@mcpss.com

MOBILE COUNTY PUBLIC SCHOOL SYSTEM DIPLOMA REQUIREMENTS

Freshman Class 2021-2022 and thereafter

ALABAMA HIGH SCHOOL DIPLOMA	CREDITS NEEDED	ALABAMA HIGH SCHOOL DIPLOMA WITH ADVANCED HONORS	CREDITS NEEDED
ENGLISH:	4	ENGLISH (HR, AP, DE, OR IB)	4
ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12		ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12	
MATHEMATICS	4	MATHEMATICS	4
GEOMETRY w/ DATA ANALYSIS ALGEBRA I w/ PROBABILITY ALGEBRA II w/ STATISTICS MATHEMATICS ELECTIVE		HR GEOMETRY w/ DATA ANALYSIS HR ALGEBRA I w/ PROBABILITY HR ALGEBRA II w/ STATISTICS HR, AP, DE, OR IB MATH ELECTIVE	
SCIENCE	4	SCIENCE	4
PHYSICAL SCIENCE BIOLOGY I SCIENCE ELECTIVE SCIENCE ELECTIVE		HR BIOLOGY I CP CHEMISTRY I CP or AP PHYSICS SCIENCE ELECTIVE	
SOCIAL STUDIES	4	SOCIAL STUDIES (HR, AP, DE, OR IB)	4
MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS		MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS	
PHYSICAL EDUCATION	1	PHYSICAL EDUCATION	1
ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS: BEGINNING KINESIOLOGY JROTC MARCHING BAND DANCE VARSITY ATHLETICS		ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS: BEGINNING KINESIOLOGY JROTC MARCHING BAND DANCE VARSITY ATHLETICS	
HEALTH EDUCATION	0.5	HEALTH EDUCATION	0.5
CAREER PREPAREDNESS	1	CAREER PREPAREDNESS	1
ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:	3	ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:	3
CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION		CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION	
GENERAL ELECTIVES	2.5	WORLD LANGUAGE (Parts 1 and 2)	2
TOTAL CREDITS	24	GENERAL ELECTIVES	2.5
		TOTAL CREDITS	26

**NOTE: STUDENTS MUST MAINTAIN A 3.5 (WEIGHTED) GPA TO EARN THE DIPLOMA WITH ADVANCED HONORS ENDORSEMENT. CHANGES TO CREDITS NEEDED FOR GRADUATION IS PENDING BOARD APPROVAL (FALL 2021).*

MOBILE COUNTY PUBLIC SCHOOL SYSTEM DIPLOMA REQUIREMENTS

Freshman Classes 2019, 2020, and 2021

ALABAMA HIGH SCHOOL DIPLOMA	CREDITS NEEDED	ALABAMA HIGH SCHOOL DIPLOMA WITH ADVANCED HONORS	CREDITS NEEDED
ENGLISH:	4	ENGLISH (HR, AP, DE, OR IB)	4
ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12		ENGLISH 9 ENGLISH 10 ENGLISH 11 ENGLISH 12	
MATHEMATICS	4	MATHEMATICS	4
ALGEBRA I GEOMETRY w/ DATA ANALYSIS ALGEBRA II w/ STATISTICS MATH ELECTIVE		ALGEBRA I GEOMETRY w/ DATA ANALYSIS HR ALGEBRA II w/ STATISTICS HR, AP, DE, OR IB MATH ELECTIVE	
SCIENCE	4	SCIENCE	4
PHYSICAL SCIENCE BIOLOGY I SCIENCE ELECTIVE SCIENCE ELECTIVE		HR BIOLOGY I HR CHEMISTRY I HR or AP PHYSICS SCIENCE ELECTIVE	
SOCIAL STUDIES	4	SOCIAL STUDIES (HR, AP, DE, OR IB)	4
MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS		MODERN WORLD HISTORY US HISTORY -BEG TO IND. REV US HISTORY -IND. REV TO PRESENT GOVERNMENT AND ECONOMICS	
PHYSICAL EDUCATION	1	PHYSICAL EDUCATION	1
ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS: BEGINNING KINESIOLOGY JROTC MARCHING BAND VARSITY ATHLETICS DANCE		ONE CREDIT FROM ONE OR MORE OF THE FOLLOWING AREAS: BEGINNING KINESIOLOGY JROTC MARCHING BAND VARSITY ATHLETICS DANCE	
HEALTH EDUCATION	0.5	HEALTH EDUCATION	0.5
CAREER PREPAREDNESS	1	CAREER PREPAREDNESS	1
ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:	3	ELECTIVE CREDITS FROM ONE OR MORE OF THE FOLLOWING AREAS:	3
CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION		CAREER AND TECHNICAL EDUCATION WORLD LANGUAGE FINE ARTS EDUCATION	
GENERAL ELECTIVES	2.5	WORLD LANGUAGE (Parts 1 and 2)	2
TOTAL CREDITS	24	GENERAL ELECTIVES	2.5
		TOTAL CREDITS	26

**NOTE: STUDENTS MUST MAINTAIN A 3.5 (WEIGHTED) GPA TO EARN THE DIPLOMA WITH ADVANCED HONORS ENDORSEMENT. CHANGES TO CREDITS NEEDED FOR GRADUATION IS PENDING BOARD APPROVAL (FALL 2021).*

MOBILE COUNTY PUBLIC SCHOOL SYSTEM TESTING REQUIREMENTS

In addition to completing the diploma requirements set by the Alabama State Department of Education, each high school senior is responsible for completing the following prior to graduation:

- **Have an ACT score on file**

All students are required to take the Statewide ACT during their junior year of high school. If the student misses the testing and make up session, they can take the ACT when offered nationally.

- **Earn College and Career Readiness Indicator and/or Credential**

Seniors can earn a CRI or Credential by accomplishing **one or more** of the following objectives:

1. Earn a benchmark on at least ONE subtest on the **ACT**.

ENGLISH	READING	MATH	SCIENCE
18	22	22	23

2. Earn a three (3) or higher on at least one Advanced Placement or International Baccalaureate Examination.
3. Earn a college credit through a Dual Enrollment (Technical or Academic) course.
4. Earn a Credential or Certification through taking a Career and Technical Education course and passing the certification examination.
5. Enlist in the United States Military.
6. Score a 4 or higher on each section of the **ACT Workkeys Test**.

- **Complete an electronic Career Portfolio through the KUDER Career Planning System**

Each seniors' electronic portfolio must include the following:

1. Summary of Career Exploration Assessments
2. Professional Resume
3. Professional Cover Letter

- **Successfully pass the State of Alabama's Civics Test**

Seniors are required to take a Civics Test once they complete their required US Government course. Students must score a 60 or higher to pass the test. If a senior earns a failing score, an opportunity to re-test will be given.

- **Complete and submit the FAFSA (Free Application for Federal Student Aid) Electronic Application.**

All seniors are required to complete the Free Application for Federal Student Aid prior to graduation. Seniors will be able to complete this requirement beginning October 1st. All applications must be complete and submitted no later than April 30th. Any senior who declares non-intent to enroll in post-secondary school must complete and submit the waiver provided by the ALSDE (a parental signature will be required).

EARNING CREDITS IN CORE COURSES PRIOR TO HIGH SCHOOL

Students who earn credit for HR Algebra I and/or HR Biology I during middle school will receive the credit. However, they must earn a minimum of four math credits and science credits, respectively, in grades 9-12 in the high school program. Students **MUST EARN AT LEAST ONE MATH CREDIT** each school year in high school.

ALABAMA CAREER PLANNING SYSTEM

CAREER PORTFOLIO

All MCPSS students will be required to complete a career portfolio during their junior year of high school. Based on knowledge gained while exploring career opportunities in KUDER, the minimum career portfolio requirements are as follows:

- Typed letter of introduction
- Typed resume/career pursuit information
- Evidence of career exploration

Student-developed career portfolios highlight academic, community, and personal accomplishments. Career portfolios should support evidence of education, job skills, community services, references, work experience, and career goals. Career portfolios are valuable tools in students' pursuit of career/education opportunities. Development of the career portfolio encourages students to engage in self-reflection, career exploration, decision-making, goal setting, and planning. The career portfolio can serve as the foundation for college and career success for students.

FOUR-YEAR PLAN

An updated MCPSS Four-Year Education Plan of Study must be completed prior to transitioning to tenth grade and be classified as a high school sophomore. This is accomplished through ACPS (Alabama Career Planning System).

Students and parents need a clear understanding regarding student learning expectations and the courses necessary for students to graduate college and career ready. A plan of study that serves as a roadmap through high school must be in place by the end of ninth grade. This roadmap will help students to stay on track while completing graduation requirements and gaining the knowledge and skills necessary for postsecondary success. Completing an individualized Four-Year Education/Plan of Study, based on postsecondary/career interests and plans, will promote high school success and the development of college and career readiness skills.

PROCEDURE FOR CHANGE OF DIPLOMA PATHWAY

- Prior to registration for the 9th grade, a student and his/her parent/guardian must make the decision regarding pursuit of the high school diploma pathway.
- Options should be discussed with the student's grade level counselor.
- Written permission must be obtained from the parent should a student decide to change their chosen diploma pathway.
- The grade level counselor will file the letter in the student's cumulative folder as well as document the change on their transcript analysis card.

GRADUATING PRIOR TO COHORT YEAR

In the event that a student declares that they wish to graduate high school early (one year prior to cohort), they must follow these steps:

- Submit a written letter of request to the Principal and Senior Counselor by the end of sophomore year. The letter of request must be signed by the student and parent or guardian.
- Be eligible to take required 11th grade core courses during the first semester; followed by completing required 12th grade core courses during second semester. Student must have room in their schedule to take all remaining courses required for graduation within one school year.
- Participate in a required conference in which the Senior Counselor will thoroughly discuss early graduation and create an academic plan for a successful transition and completion of school. **The parent or guardian is required to attend the conference.**
- Should the student experience academic problems during the first semester, they will be placed back into their COHORT and a plan will be created for them to graduate with their original class.

MID-YEAR GRADUATION

Qualifying Seniors may decide to graduate high school at the end of first semester if the following criteria are met:

1. Upon completing a minimum of twenty-four credits by the end of the junior (3rd year) of high school, students must complete and submit a Mid-Year Graduation application. The application **MUST BE SIGNED BY THE STUDENT AND PARENT** and returned to the Senior Counselor by June 30th.
2. Students must be able to complete all graduation requirements and earn a minimum of twenty-eight credits by the end of the first semester of Senior Year.
3. Students must have earned at least one College and Career Readiness Indicator:
 - Earn a benchmark score on any section of the ACT test.
 - Earn a qualifying score on the AP or IB exam
 - Earn a college credit through an approved Dual Enrollment or Accelerated College Course.
 - Achieve Benchmark level on the ACT WorkKeys.
 - Earn an approved industry or Career and Technical Education credential.
 - Enlist into a branch of the United States Military.
4. Complete courses/pathway as required within a chosen Academy Program.
5. Complete an electronic Career Portfolio.
6. Take and pass the Civics Test.
7. Complete and submit the FAFSA (Free Application for Federal Student Aid) Electronic Application.

WHEN APPLYING FOR MID-YEAR GRADUATION, STUDENTS AND PARENTS SHOULD KNOW:

- Applicants understand that competition for scholarships may be affected by exiting high school early.
- Applicants cannot participate in Spring semester sports, competitions, or performances.
- Applicants cannot re-enroll in school for the second semester.
- Applicants will have to complete and submit their Senior Clearance Form by the last day of the first semester.
- Applicants are responsible for monitoring all updates to the Senior Activities Calendar.
- Applicants are responsible for paying all senior fees prior to the last day of the first semester.
- Applicants are responsible for notifying the Senior Sponsor and Counselor, in writing, of their intention to participate in Commencement Exercises.
- Applicants will be considered a high school graduate once they have cleared, academically, after the last day of the first semester.
- Applicants not meeting academic clearance will be notified to return to school for the second semester.
- Applicants are allowed to participate in prom and senior activities with administrative approval.
- Seniors who are candidates for Top 10 (including Valedictorian and Salutatorian) can apply for Mid-Year Graduation. **Pending Board Approval (Fall 2021)**

RANKING OF STUDENTS**Senior Classes of 2022, 2023 and 2024**

Rank-in-Class is an indication of the student's academic standing in relation to that of the other students in the class. Grades in the identified course levels shall be weighted and grade point averages determined.

Schools will observe the following procedure for ranking students:

- Official **tentative** rank will be made at the end of the second semester of eleventh grade and final rank at the end of the first semester of the senior year; however, **no Top Ten, Valedictorian, nor Salutatorian results will be revealed until approval is granted by the Deputy Superintendent of Academic Affairs. Top Ten transcripts are reviewed and hand-calculated after 1st semester grades are posted. No Top Ten rank position is official until hand-calculations and/or appropriate grade changes have been completed.**
- Top Ten students will be advised of their ranking at the end of the first semester of grade 11.
- The Top Ten positions may be filled by more than ten students in the case of ties for any positions.
- Letter grades (A-E) for all subjects will be used in computing the grade-point average.
- All designated students within a grade level shall be included in determining class rank.
- All students competing for a Top Ten position must take a full schedule (maximum course load).
- High school level courses attempted prior to Grade 9 **WILL NOT BE USED** when calculating high school GPA or class rank. Only courses attempted in the high school program (Grades 9-12) will be used to calculate grade point average for class rank (Beginning with Freshmen 2016-2017 and thereafter).

RANKING OF SENIORS

Freshman Class of 2021-2022 (Senior Class of 2025) and After

Beginning with the Freshman Class of 2022 (Senior Class of 2025) and after, Seniors will no longer be ranked by Top 10. All seniors will be ranked by Honor for Academic Achievement. Honor for Academic Achievement will be based on cumulative, weighted grade point average and determined at the end of Senior Year.. The Honor for Academic Achievement categories are:.

SUMMA CUM LAUDE (With Highest Praise) – GPA 4.0 and Above

MAGNA CUM LAUDE (With Great Honor) – GPA 3.50 to 3.99

CUM LAUDE (With Honor) - GPA 3.00 to 3.49

- To be recognized as a SUMMA CUM LAUDE or MAGNA CUM LAUDE graduate, students must complete the core, elective, and GPA requirements for the Diploma with Advanced Honors endorsement.
- Students who do not meet the course or GPA requirements for the Diploma with Advanced Honors Endorsement will be recognized as CUM LAUDE graduates; provided they meet the GPA requirements (3.00-3.49).

*** The Honors for Academic Achievement classification system for Seniors is designed to allow more students to be recognized for their academic achievements regardless of their chosen diploma track. Pending Board Approval (Fall 2021).**



High school level courses attempted prior to Grade 9 WILL NOT BE USED when calculating high school GPA or class rank.

Only courses attempted in the high school program (Grades 9-12) will be used to calculate grade point average for class rank (Beginning with Freshmen 2016-2017 and thereafter).

COMPUTATION OF GRADE POINT AVERAGE (GPA)

Grade Point Averages are calculated based on the following factors:

- The grade earned for the course
- The quality points each grade is worth
- The number of credits earned for the course

When calculating grade point averages, the counselor uses the following formula:

$$\text{NUMBER OF QUALITY POINTS} / \text{NUMBER OF CREDITS} = \text{GPA}$$

SAMPLE GPA COMPUTATION FOR NON-WEIGHTED COURSES

COURSE	GRADE	CREDITS	QUALITY POINTS
Algebra I	B	1	3
English 9	A	1	4
Health Education	C	0.5	1
World History	C	1	2
TOTALS		3.5	10

$$10 \text{ (Total Quality Points)} / 3.5 \text{ (Total Credits)} = 2.85 \text{ GPA}$$

NOTE: Courses that are worth .5 credit only receive half of the value of the quality point (see above).

SAMPLE GPA COMPUTATION FOR WEIGHTED COURSES

COURSE	GRADE	CREDITS	QUALITY POINTS
HR Geometry	B	1	4
HR English 9	A	1	5
AP World History 9	A	1	5.5
HR Biology	C	1	3
TOTALS		4	17.5

$$17.5 \text{ (Total Quality Points)} / 4 \text{ (Total Credits)} = 4.37 \text{ GPA}$$

Only students who receive an approved diploma and special education students who are following program requirement as prescribed in their Individual Education Plan shall participate in graduation exercises and senior activities.

ANNOUNCEMENT OF TOP TEN

To be considered for valedictorian or salutatorian, the student must receive the Diploma with Advanced Honors Endorsement. The student with the highest grade point average will be named Valedictorian of the graduating class. The student with the second highest grade point average will be named Salutatorian. In the case of a tie in either position, students will be declared Co-Valedictorians/Co-Salutatorians. **The grade point average will be carried to six decimal places with no rounding.** The following criteria will be used:

- Valedictorian and Salutatorian will be determined based on the rank listed at the end of the first semester.
- The Senior Counselor will hand calculate the grade point average of each Senior who is a candidate for Top Ten. The members of Top Ten will not be revealed until the hand calculations are verified and approved by the Principal, Guidance Supervisor, and designated officials of Academic Affairs.
- Out-of-system transfer students must be enrolled in the current school starting with the first term of the junior year and complete three consecutive terms in this system prior to ranking to be considered for Valedictorian, Salutatorian, or any Top Ten Honor.
- Students must physically attend classes at their home school for the duration of the junior and senior year to qualify for the Valedictorian and Salutatorian positions. Early Exit graduates may qualify for a Top Ten position (including Valedictorian or Salutatorian).
- For three years following consolidation of two (2) or more schools, there may be co-valedictorian and co-salutatorian selected from each former attendance area.
- All students must take a full schedule (maximum course load).
- This applies to the Senior Classes of 2022, 2023, and 2024, only. The Senior Class of 2025 and after will be announced by Honor for Academic Achievement.

Top Ten students will be comprised of those students receiving the Diploma with Advanced Honors Endorsement. In the event that a Senior Class may not have ten or more top ranking students who qualify for the Diploma with Honors Endorsement, the school will acknowledge the number of qualifying seniors as **Top Scholars of the Senior Class**.

COMMENCEMENT EXERCISES AND SENIOR ACTIVITIES

Only students who receive an approved diploma and special education students who are following program requirement as prescribed in their Individual Education Plan shall participate in graduation exercises and senior activities.

ATTIRE FOR COMMENCEMENT EXERCISES AND SENIOR ACTIVITIES

Each school's Principal and Senior Advisory Committee will determine the attire to be worn under the uniformed cap and gown for Commencement Exercises as well as the attire worn for Baccalaureate Services and other senior class activities. Students are required to follow the dress code set by the school. The Principal has the autonomy to decide when, where, and how Honor Cords can be worn during graduation activities.

SCHEDULING

- BLOCK SCHEDULING
- SCHEDULE CHANGE PROCED
- SCHEDULING REQUIREMENT

MRS. HELEN C. MILES, Academic Coordinator
Teaching, Learning, and Assessment
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**WELCOME
CLASS OF 2024**

WEEK 1 PROCEDURES

All drop-off at front of school by covered sidewalk

BLOCK SCHEDULING

All MCPSS high school schedules are modeled according to a 4x4 block scheduling system. Students take four (4) courses each semester for 98 minutes each. With Central Office approval, the following variations of block scheduling may be offered to better accommodate students as well as offer more courses:

1. Alternating Day (A/B) Block Schedule
2. Split Block Schedule

SCHEDULE CHANGE PROCEDURES

Students will be allowed to request a schedule change *prior to the beginning of school opening*. Course change requests must be turned in to the grade level counselor before the end of the second full day of the school term. Courses may be dropped or added for legitimate reasons, but may not include the right to select teachers. The principal has final approval of any schedule changes.

Preliminary schedules will be provided to students prior to the opening of the school each semester. The principal shall provide the final schedule to all students before the second full day of each semester. Students should have complete schedules for both semesters.

SCHEDULING REQUIREMENT

Pursuant to Section 16-13-231, Code of Alabama of 1975, the Flexible School Calendar Act of 2012 mandates that all schools must have at least 180 instructional days or the hourly equivalent of no less than 1,080 instructional hours per academic year.

SCHEDULING NON-TRADITIONAL STUDENTS

Once the non-traditional student has completed the enrollment and registration process, the grade-level counselor will create a schedule that consists of the following:

- **Attendance Block:** If the class that supports the extra-curricular activity/sport in which the NTS is participating is not offered during 1st block, an attendance block must be created (during first block). These students count for the schools ADM (Please use course **#802111ar – NTS Student Attendance**). If an attendance block is used, the NTS will not have to report to school at 1st block for attendance, the Coach/Elective Teacher will mark 1st block attendance when the student comes to class.
- **Two electives:** The NTS will be scheduled for one elective each semester; one being varsity Athletics (or a closely related Physical Education course) or the extracurricular activity the student wishes to participate in (Band, JROTC, Art, etc), and the other may be a general elective as deemed by the school.

Students will be allowed to request a schedule change prior to the beginning of school opening.



GRADING and CREDITS

- MCPSS GRADING SCALE
- GRADE COMPUTATION
- PROGRESS REPORTS
- WEIGHTING OF GRADES
- EARNING CREDITS

MS. MICHELE MCCLUNG, Director
Teaching, Learning, and Assessment
mmclung@mcpss.com

GRADING

GRADING SCALE The following grade scale is utilized in all public high schools in Mobile County:

MCPSS Grading Scale

Numerical Grade	Letter Grade
100 - 90	A
89 - 80	B
79 - 70	C
69 - 60	D
59 - 0	E

Grading Scale Computation for Out of District Students with Letter Grades, Only

Letter Grade	Numerical Value	Letter Grade	Numerical Value
A+	98	C+	78
A	95	C	75
A-	92	C-	72
B+	88	D+	68
B	85	D	65
B-	82	D-	62
		E	59

Credit **CANNOT** be awarded to courses that receive a failing grade out of district; even if the grade may be considered as passing within MCPSS. The grade and credit must be posted on the transcript as received from the transferring school.

GRADE COMPUTATION FOR NINE-WEEK COURSES

All students must take a final examination at the end of the nine-week course unless they meet the exemption requirements. The final exam will count one-tenth of the final grade as follows:

$$[(9 \times \text{Class Avg.}) + \text{Final Exam}] / 10 = \text{Final Grade}$$

GRADE COMPUTATION FOR EIGHTEEN-WEEK COURSES

All students (no exemptions) will take a mid-term exam which is at the end of the first nine weeks of a term. The mid-term examinations will cover objectives taught the first nine weeks of the term. The final examinations will cover objectives taught the second nine weeks of the term. Compute the grades as follows:

1. First Nine-Week Grade

$$[(9X \text{ Class Avg.}) + \text{EQT/Mid-term Exam}] \text{ divided by } 10 = \text{First Nine-Week Grade}$$

2. Second Nine-Week Grade
 $[(9 \times \text{Class Avg.}) + \text{EQT/Final Exam}] \text{ divided by } 10 = \text{Second Nine-Week Grade}$
3. Final Course Grade
 $(\text{First Nine-Week Grade} + \text{Second Nine-Week Grade}) \text{ divided by } 2 = \text{Final Grade}$

PROGRESS REPORTS

Progress reports should be sent home four and half weeks after the beginning of each quarter. All parents can benefit from reports of student progress. **All students making a D or an E at 4½ weeks into the quarter and/or are in jeopardy of failing for the quarter MUST receive a report.** Copies should be maintained and teachers should have each student sign a duplicate copy or a signature log to show proof of distribution. Additional reports to parents may be designed and approved by the local school. Communication is essential to the educational process and is encouraged whether through letters, reports, conferences, or phone calls.

WEIGHTING OF GRADES

Weights are extra point values added to courses that have high achievement levels. The courses are listed as Honors, College Prep (CP), Pre-AP, Pre-IB, Advanced Placement (AP), AP Capstone, Cambridge, Dual Enrollment (DE), and International Baccalaureate (IB).

The Mobile County Public School System utilizes the following scale for applying weight to academically advanced level courses:

AP Capstone, Cambridge and International Baccalaureate		Advanced Placement, Cambridge, International Baccalaureate and Dual Enrollment		Honors, Pre-AP, Pre-IB, College Prep, Cambridge, IB and AP Capstone Support Courses		Regular Courses	
A	6 Points	A	5.5 Points	A	5 Points	A	4 Points
B	5 Points	B	4.5 Points	B	4 Points	B	3 Points
C	4 Points	C	3.5 Points	C	3 Points	C	2 Points
D	3 Points	D	2.5 Points	D	2 Points	D	1 Points
E	0 Points	E	0 Points	E	0 Points	E	0 Points

Dual Enrollment courses only earn Advanced Placement (AP) grade points when taken during the regular school day within the academic school year; including UA Early College courses that are approved through the school system's articulation agreement. Enrollment in these courses must be approved by the school's Principal and Counselor prior to registering for the course. If permission is not obtained prior to taking the course, credit will not be placed on the high school transcript. Any other Dual Enrollment course taken during the summer, at night, or outside of the regular school day will earn regular GPA weight.

GRADING CORRECTIONS

GUIDELINES

Each school principal is responsible for the management and the integrity of the school grading and transcript process. It is the principal's duty to limit access to making grade corrections to one designated Counselor and the school's registrar. The names of the persons designated to make grade corrections must be submitted to the Academic Coordinator of Teaching, Learning, and Assessment.

Grade corrections may occur for the following reasons:

- Teacher error
- Incomplete projects/assignments
- Failure to take semester exam/EQT

The grade correction procedure must be completed by the teacher and signed by the principal no later than three weeks from the last day of the grading period. Only teachers may complete and submit to the registrar, or designated counselor, the grade correction. The principal has discretion to extend the three-week time-frame under extenuating circumstances.

Any grade correction requires the completion of the MCPSS Grade Correction Form. **Any unsigned form will not be processed. The grade correction must be returned to the registrar.**

NOTE: Grade recovery and grade correction are two different procedures in MCPSS.

PROCEDURES FOR GRADE CORRECTION

- The registrar/designated counselor verifies the Grade Correction is completed and signed.
- The registrar/designated counselor completes the grade correction in PowerSchool.
- The registrar/designated counselor makes a copy of the Grade Correction and places it in the student's cumulative folder with the updated transcript attached.
- The registrar/designated counselor places the original grade correction form with the teacher's grade verification roster to be filed with the grade book at the end of the school year.
- The registrar/designated counselor will give a copy of the updated transcript to the grade level counselor.
- The registrar/designated counselor will maintain a notebook of all grade corrections with accompanying documentation made during the quarter.

The grade correction procedure must be completed by the teacher and signed by the principal no later than three weeks from the last day of the grading period.

CREDIT AWARDED PRIOR TO NINTH GRADE

Students may earn high school credit for the following courses taken prior to Grade 9: Algebra 1 HR, World Language and Business Technology Application (BTA) (BTA only accepted from transfer students from out of district); and in schools where offered, Biology 1 HR. The guidelines for earning credit for courses taken prior to high school are as follows:

- The course must be taken in the eighth grade.
- The course must follow the course of study guidelines, be of high school content and rigor, and be taught by secondary certified/highly qualified teacher.
- The course cannot supersede required courses (i.e. eighth grade English cannot be substituted for high school English; eighth grade Physical Education cannot be substituted for the required unit of high school Physical Education, etc.).
- Middle school students earning high school credits from non-accredited settings shall follow the same guidelines as high school students attempting to transfer courses. Validation is required.
- Transfer students who earned credits in 8th grade from an accredited school will be considered on a case by case basis.
- Credits earned in 8th grade **WILL NOT BE CALCULATED IN HIGH SCHOOL GPA/RANKING.**
- **Middle school students awarded high school credit for Algebra 1 HR and/or Biology 1 HR are still required to earn a minimum of four math credits and science credits, respectively, in grades 9 – 12 in the high school program. Students must earn at least one math credit each school year in high school. Students who earn a credit in part one of a World Language must take part two in high school in order to meet the requirements for a Diploma with Advanced Honors.**

Credits earned in 8th grade will not be calculated in high school GPA/ranking.

TIME ALLOTMENT AND CREDIT REQUIREMENT

The basic requirement for a Carnegie unit of credit is 140 clock hours of instruction for a course earning one credit. One-half credit may be granted for an elective course of a minimum for 70 clock hours. A student may earn more than ten credits in a calendar year which includes the regular academic year plus the following summer (August – July). This includes credits earned in the regular school program, dual enrollment program, summer school program, night school program, distance learning program, or credit recovery program. **All school system procedures for each program must be strictly followed with needed approval, from the Academic Coordinator in Teaching, Learning, and Assessment, prior to beginning any of these programs.** Careful scheduling and consideration must be followed when approving additional credits. Credits earned within a semester must be reasonable.

CREDIT RESTRICTIONS

PREREQUISITES

Any course offered for registration purposes that lists prerequisites must be followed as stated. (English 10 cannot be taken until the student passes English 9, US History from the Industrial Revolution to Present cannot be taken until the student passes US History to the Industrial Revolution.)

A student cannot earn credit toward graduation for a course that duplicates the course content for which credit has already been awarded.

DUPLICATE CREDIT

In accordance with Alabama Administrative code Rule 290-3-1-.02(8)(d)1., a student cannot earn credit toward graduation for a course that duplicates the course content for which credit has already been awarded.

SUBSUMED CREDIT

In accordance with Alabama Administrative Code Rule 290-3-1-.02(8) (d) 2., a student cannot earn credit toward graduation for a course whose content is subsumed (included) by a course for which credit has already been awarded. (i.e. credit for physical science cannot be awarded after credit has been awarded for chemistry, etc.) Therefore, if a student does take a subsumed course, credit will not be awarded.

CREDIT ADVANCEMENT

What is credit advancement?

Credit advancement allows students who exhibit mastery of standards taught in a particular course to prove mastery of course content by successfully completing a pretest and posttest in that subject.

In which classes can students attempt credit advancement?

Students can attempt credit advancement in most regular core courses (math, science, English, and social studies).

What tests are used for credit advancement?

Connexus Assessments

What is the process for attempting credit advancement?

The process for attempting credit advancement includes the following:

- Students should complete the Credit Advancement Request Form found on the MCPSS website. Parents/Guardians, grade-level Counselor, and Principal must sign this form.
- Students should return the completed form to the grade level Counselor who will forward it to the Division of Teaching, Learning, and Assessment. The student will be contacted to schedule an appointment to take the pretest credit advancement exam. Students should allow approximately 1.5 hours to take this pretest exam. All credit advancement exams will be administered at central office in the Teaching, Learning, and Assessment

division and will be proctored by designated staff or a TLA supervisor. There is no fee to take a credit advancement exam.

- Students attempting credit advancement will take a pretest for the course. If the student earns at least an 80 on the pretest, then he/she will take a comprehensive posttest. If the student makes at least an 80 on the posttest, then he or she will receive credit for the course. If the student earns below an 80 on the pretest, then he or she is not eligible to take the posttest or to receive credit for the course.
- Results for tests taken through Connexus will be available immediately. Once the student has passed the pretest, he or she will need to schedule an appointment to take the posttest. This appointment must be scheduled before leaving the testing area. The student should allow approximately 1.5 hours to take a posttest. The posttest must be taken within **one week** of the results of the pretest being released to the student. Students are permitted to take the posttest on the same day as the pretest if an appointment to do so is available.
- Students who do not earn at least a minimum score of 80 on the pretest and the posttest will not earn credit through credit advancement, and no grade or credit will be posted to the transcript.

How will students' grades for credit advancement courses be calculated?

The grade earned on the pretest and the posttest will be averaged. The numeric average will serve as the final grade and will be posted directly to the transcript in a separate column indicating that the credit was earned through credit advancement. **Credit advancement courses are not weighted.** The credit will be posted under Term 2 (1st semester) or Term 5 (Summer).

How many credits can students earn through credit advancement?

There is no limit on the number of credits that a student can earn through credit advancement.

Who is eligible to attempt credit advancement?

All rising ninth grade through twelfth grade Mobile County Public School students are eligible to attempt credit advancement. Before the request for credit advancement testing is granted, approval must be given by the Teaching, Learning, and Assessment Supervisor which will be based on the student's overall academic record.

How many times can students attempt credit advancement in each course?

Students will be permitted to attempt credit advancement one time per course, per academic year.

When can students take credit advancement exams?

Credit advancement exams must be taken during the months of June and December for currently enrolled MCPSS students and transfer students.

How can students prepare for credit advancement exams?

All credit advancement exams are based on the Alabama courses of study, which are located at www.alsde.edu on the tab below the box labeled College and Career Ready Standards. Students may prepare for credit advancement exams by reviewing the standards in the related course of study.

Credit advancement courses are not weighted.

Credit Advancement courses are not approved by NCAA.

Are credit advancement classes approved by the National Collegiate Athletic Association (NCAA), the Alabama High School Athletic Association and other organizations?

Admission and eligibility requirements of various organizations are subject to change, and it is the student's responsibility to consult with outside organizations such as universities, the Alabama High

School Athletic Association, the National Collegiate Athletic Association (NCAA), etc. to determine how credits earned through credit advancement might affect eligibility, admissions, or status. **Credit Advancement courses are not approved by NCAA.**

CREDIT ADVANCEMENT COURSES

All courses are full credit unless otherwise specified. Credit advancement courses are not weighted. These courses do not satisfy NCAA requirements, when completed through credit advancement.

LANGUAGE ARTS	HISTORY	MATHEMATICS	SCIENCE	WORLD LANGUAGE
English 9	World History 9	Algebra I	Biology	French I
English 10	US History 10	Geometry	Physical Science	French II
	US History 11		Earth Science	German I
	US Government		Environmental Science	German II
	Economics			Spanish I
				Spanish II

CREDIT RECOVERY

Credit Recovery is a course-specific, skill-based extended learning opportunity for students who have been unsuccessful in mastering content or skills required to receive course credit or earn promotion. Credit Recovery courses are based on deficiencies rather than a repeat of the entire course or courses failed. Students enrolled at local high schools will attend classes where the Connexus software program is utilized for Credit Recovery. **High school administrators, counselors, and teachers should be aware that the NCAA does not recognize Credit Recovery for course credit, and athletes should not be allowed to participate in the MCPSS Credit Recovery Program.**

1. Student Eligibility Admission and Removal

- Student must be recommended by principal/counselor.
- The principal or counselor must complete the Credit Recovery Enrollment Form and submit it to the Credit Recovery/Connexus Manager so the student can be enrolled in the recommended course.
- Student must be working toward the Standard Diploma Option. Honors and/or other advanced level courses are not offered in Credit Recovery.

NCAA does not recognize Credit Recovery for course credit.

- d. **Student is eligible for credit recovery if the final grade in the course required for graduation is between 45% - 59%.**
- e. If the final grade earned in a course required for graduation is between 0% - 44%, the student must retake the course in the regular program or may recover the credit during the summer.
- f. Students may be removed from the Credit Recovery Program at the discretion of the administrator supervising the program for circumstances involving serious or repeated unacceptable behavior, failure to adhere to program attendance requirements, or failure to make adequate progress towards meeting remediation requirements.
- g. Credit Recovery Program offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses. There is no guarantee that all courses required for graduation may be served by the Credit Recovery Program.

2. Grades

- a. A minimum grade of 80% on the Pre-Test assessment and 70% on the Post and Review Test assessments of skill specific goals is required for credit recovery.
- b. Students can ONLY earn a grade of 70% for course work completed in Prescriptive Credit Recovery courses.
- c. The original course grade will remain "as is" on students' transcript and will be included in computing the student's overall grade point average (GPA).

3. Credits

- a. Credit Recovery courses in which students are enrolled will be included in calculating the total credits and GPA for the school year.
- b. **High school administrators, counselors, and teachers should be aware that the NCAA does not recognize Credit Recovery for course credit, and athletes should not be allowed to earn any credits through the MCPSS Credit Recovery Program.**
- c. Courses in the Connexus software program may not be assigned to a student for initial credit without prior permission from the Academic Coordinator of Teaching, Learning, and Assessment.

If the final grade earned in a course required for graduation is between 0% - 44%, the student must retake the course in the regular program or may recover the credit during the summer.

INITIAL CREDIT

Initial Credit is a course-specific, learning opportunity for students who are in need of a credit in order to meet graduation requirements, be placed in proper cohort, or **meet NCAA Eligibility**. Students enrolled at local high schools will attend classes where the Connexus software program is utilized for Initial Credit. Students will take the Sequential course option which **does not offer the opportunity to take and pass a Pre-Test in order to move past mastered units**. Students are required to take and complete the course in its entirety. **Any athlete taking a summer school or additional course must be enrolled in Initial Credit (Sequential Option) in order to meet NCAA Eligibility requirement.**

Any athlete taking a summer school or additional course must be enrolled in Initial Credit (Sequential Option) in order to meet NCAA Eligibility requirement.

1. Student Eligibility, Admission and Removal

- a. The student must be referred by the principal or counselor.
- b. The principal or counselor submit the referral to the TLA Academic Coordinator for approval.
- c. After approval is granted, the principal or counselor will forward the referral to the Credit Recovery/Connexus Manager so that the student can be enrolled in the recommended course.
- d. If a core course is needed, the student must be working towards earning a Standard Diploma as Honors and/or other advanced level courses are not offered in Connexus.
- e. Students can be removed from the Initial Credit Program at the discretion of the administrator supervising the program for circumstances involving serious or repeated unacceptable behavior, failure to adhere to program attendance requirements, or failure to make adequate progress towards meeting remediation requirements.
- f. Initial Credit offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses. There is no guarantee that all courses required for graduation may be served by the Credit Recovery Program.
- g. Applications for seniors being recommended for Initial Credit should be submitted to the TLA Academic Coordinator for approval no later than January 31st.

2. Grades

- a. A minimum grade of 70% on the Post and Review Test Assessments of skill specific goals is required for Initial Credit
- b. The final grade earned in the course will be posted to the student's transcript.

MCPSS Approved Credit Recovery/Initial Credit Courses

LANGUAGE ARTS	HISTORY	MATHEMATICS	SCIENCE	ELECTIVES
English 9	World History 9	Algebra I	Biology	Contemporary Issues
English 10	US History 10	Geometry	Physical Science	Health Education
English 11	US History 11	Algebraic Connections	Earth Science	Physical Education
English 12	US Government	Algebra II	Environmental Science	Mythology
	Economics			Parenting
				Personal Finance
				Psychology
				Sociology

NOTE: Honors, AP, Cambridge, IB courses CANNOT be taken in Credit Recovery

Please see the Course Options and Descriptions section for a listing of course numbers to be used when scheduling students for Credit Recovery and/or Initial Credit.

ONLINE COURSES

- Written approval must be given by both the principal and superintendent or designee before the on-line course is begun (including UA Early College, et al).
- On-line courses qualifying for credit in required courses must contain all required content identified in Alabama Course of Study.
- On-line courses taken from any program/institution other than ACCESS Distance Learning must be validated. MCPSS validation procedures must be followed.

CREDITS ATTEMPTED AWAY FROM SCHOOL CAMPUS

All courses for high school credit taken away from school campus on another/alternate school organizational site must receive prior approval by the high school Principal and Teaching, Learning, and Assessment Academic Coordinator (as superintendent designee).

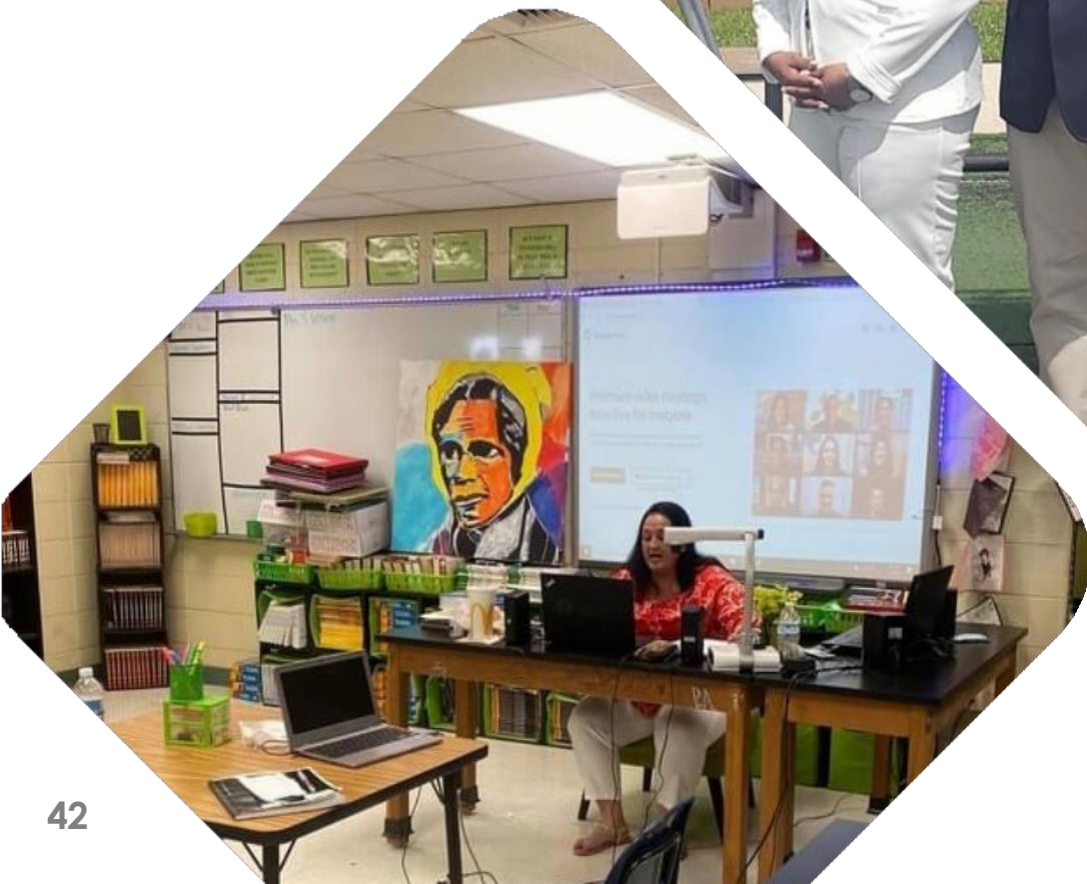
The student must requisition approval by submitting a written request along with the supporting information/documentation regarding course and/or program to the principal.

SUMMER SCHOOL

Summer school instruction may be offered for initial credit in Drivers Education (without prior permission) or for students who have failed. Those students who wish to take initial credit in any other core subject must obtain permission from the Teaching, Learning, and Assessment Academic Coordinator. Students who participate in the MCPSS Summer School program must adhere to the MCPSS Code of Conduct and the summer school guidelines.

MCPSS currently utilizes Connexus online program during the high school summer school program. Courses taken using this type program may negatively affect NCAA eligibility requirements.

All courses for high school credit taken away from school campus on another/alternate school organizational site must receive prior approval by the high school Principal and Teaching, Learning and Assessment Academic Coordinator



Academic Lettering and Honor Society Memberships

- NATIONAL HONOR SOCIETY
- NATIONAL TECHNICAL HONOR SOCIETY
- ACADEMIC LETTERING
- HONOR ROLL PROCEDURES

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NATIONAL HONOR SOCIETY

The National Honor Society (NHS), established in 1921, is a recognition program for American high school students who show achievement in scholarship, leadership, service, and character.

Students are selected for membership through an established school chapter in secondary public and accredited private schools by a five-member Faculty Council. Candidates must meet the chapter's requirement for scholarship, service, leadership, and character in order to be selected for membership.

Continued participation in service projects is required to retain membership. Members must also maintain the chapter's required cumulative GPA.

Listed below are the MCPSS guidelines for National Honor Society High School Chapters.

NATIONAL HONOR SOCIETY – MCPSS GUIDELINES

1. Grade Levels

- 2nd Semester Sophomore (optional)
- Junior
- Senior

2. Grade Point Average

- Overall unweighted 3.5 in regular or honors courses

3. Character

- No Class B, C, D, or E Discipline Offenses
- Four teacher recommendations from previous semester teachers
- No more than three Class A Discipline Offenses during high school tenure

4. Service

- Verification of specific form (submit service verification form)
- Three positive service contacts

5. Induction

- Schools set their own Induction Date

6. Completed Student Activity Information Form

NATIONAL TECHNICAL HONOR SOCIETY

For over 30 years, the National Technical Honor Society has been the acknowledged leader in recognizing outstanding student achievement in Career and Technical Education. Membership in the National Technical Honor Society affords students scholarship opportunities that encourage the pursuit of higher education, and cultivates excellence in today's highly competitive, skilled workforce.

Students are selected for membership through an established school chapter within the MCPSS high schools. Candidates must meet the chapter's requirement for scholarship, character, and enrollment or successful completion of a Career and Technical Education Program.

NATIONAL TECHNICAL HONOR SOCIETY – MCPSS GUIDELINES

1. Student Eligibility Criteria

- Must have completed or be currently enrolled in the 3rd sequential CTE course
- Must have two courses in the same career cluster (to demonstrate advancement of skills in a concentrated area)
- Must be a current/active member of a Career and Technical Education Student Organization

2. Grade Point Average

- 3.0 GPA overall; 3.5 GPA in Career and Technical Education Courses

3. Character

- Must be of good character and demonstrate leadership skills

4. Induction

- Each school's chapter sets its own induction date

ACADEMIC LETTERING

Academic Lettering is the process by which high school students are rewarded for maintaining excellence in academics, discipline, and attendance. Although Academic Lettering is not a required activity, several MCPSS high schools hold a yearly awards ceremony. Each school sets its requirements for students being eligible for academic lettering.



Advanced Academic and Special Programs

- DUAL ENROLLMENT
- UA EARLY COLLEGE
- ACCELERATED COLLEGE ENROLLMENT PROGRAM
- ACCESS DISTANCE LEARNING
- MCPSS ACADEMY OF VIRTUAL LEARNING
- EVENING EDUCATIONAL OPTIONS PROGRAM
- ALTERNATIVE EDUCATION PROGRAMS

MR. NATHANIEL SMITH, Supervisor
Teaching, Learning, and Assessment
nsmith@mcpss.com

ADVANCED ACADEMIC PROGRAMS

DUAL ENROLLMENT

The Mobile County Public School System, through an agreement with post-secondary institutions, allows eligible high school students to enroll in post-secondary courses in order to dually earn credits for a high school diploma and/or a post-secondary degree at both the high school and participating post-secondary institution. The courses may be offered on the high school campus during the regular school day and taught by qualified teachers who have been certified by the participating post-secondary institution. Eligibility requirements include having a 2.5 unweighted grade point average and having the written approval of the Principal and Superintendent. Students enrolling in a DE Mathematics must have a score of 20 or higher on the Mathematics subtest of the ACT and DE English courses must have a minimum of 20 on the English subtest of the ACT or make a comparable score on the COMPASS placement test given at Bishop State Community College.

TECHNICAL DUAL ENROLLMENT

The Mobile County Public School System, Bishop State Community College, and Coastal Alabama Community College have an agreement that allows students to receive advanced training in technical fields including Welding, Process and Instrumentation Technology, Electronics, Automotive Technology, Heating, Ventilation, and Air Conditioning Repair, and Aviation Technology, among other choices. The participating students may receive both high school and post-secondary credit for the courses in these programs. This program will provide MCPSS students with quality career pathways that can lead to more advanced education, certification, and more employment opportunities. A Dual Enrollment Contract signed by the student, counselor, and principal must be signed prior to beginning any DE course in order for student to receive the DE credit on their high school transcript.

UNIVERSITY OF ALABAMA EARLY COLLEGE

The University of Alabama has implemented a program that allows high school students to start their college career early. Through the University of Alabama Early College program, students can take college courses online or on campus (summer semester) while still in high school, earning up to 30 credit hours. Interested students must complete the on-line application process before being eligible to enroll in courses. Students can take any UAEC course they choose; however, only courses listed in the MCPSS/UAEC Articulation agreement will be placed on the high school transcript.

ACCELERATED COLLEGE ENROLLMENT PROGRAM

The University of South Alabama's Accelerated College Enrollment Program (ACEP) allows qualified Mobile County seniors the opportunity to enroll in one free course during the Fall semester of their senior year. Tuition is waived for one class, **students are responsible for purchasing books and supplies. ACEP courses CANNOT replace a required course or be placed on the high school transcript.** Interested students must complete the University of South Alabama's undergraduate application (the application fee will be waived for ACEP applicants, ONLY) and submit the Counselor Recommendation form along with an official transcript and ACT/SAT scores.

ACEP courses CANNOT replace a required course or be placed on the high school transcript.

ACCESS Distance Learning

ACCESS Virtual Learning (Alabama Connecting Classrooms, Educators, and Students Statewide) is an education initiative of the State of Alabama Department of Education. It provides opportunities and options for Alabama public high school students to engage in Advanced Placement (AP), elective, and other courses to which they may not otherwise have access or be able to schedule. Additional information may be found at <http://accessdl.state.al.us>.

To enroll in an ACCESS Distance Learning course, students must be enrolled in grades 9-12 in an Alabama public high school. The State Department of Education reserves the right to deny enrollment to student who have been expelled from previous courses due to misconduct or failure to abide by academic integrity or Internet acceptable use policies. Credit restrictions are as follows:

- On-line courses must warrant 140 clock hours of instruction if one credit is to be earned and 70 clock hours if one-half credit is to be earned.
- All online and interactive videoconferencing courses are to be included in calculating total credits earned during the academic year, including summer school (August – July).
- On-line courses qualifying for credit in required courses must contain all required content identified in Alabama course of study.
- **ACCESS courses are NCAA approved; however, they must be one of the Fifty-two (52) courses approved for Alabama students. Credit Recovery and/or Credit Advancement courses available through ACCESS Distance Learning are NOT accepted by the NCAA for eligibility. A listing of these courses can be found in the Athletics section of the Educational Planning Guide.**

Detailed information can be found at www.accessdl.state.al.us.

ACCESS DISTANCE LEARNING COURSE LISTING

ENGLISH	HISTORY	MATH	SCIENCE	FOREIGN LANGUAGE	ELECTIVES	ELECTIVES CONT.	ARTS EDUCATION
English 9	World History	Algebra I	Biology	French I	Accounting	LIFE: Physical Education	Dance, Elements of Arts Literacy
English 10	US History I (10)	Algebra II	AP Biology	French II	AP Art History	Nutrition and Wellness	Introduction to Theatre I
English 11	US History II (11)	Algebra I w/ Trigonometry	Chemistry	French III	AP Computer Science A	Personal Finance	Music, Elements of Arts Literacy
English 12	United States Government	Algebra w/ Finance	Environmental Science	German I	AP Psychology	Psychology	Theater, Elements of Arts Literacy
AP English Language and Composition	Economics	Algebraic Connections	Forensic Science & Criminal Investigation	German II	Business Technology Applications	Sociology	Visual Arts, Elements of Arts Literacy
AP English Literature and Composition	AP United States History	AP Calculus-AB	Human Anatomy and Physiology	German III	Career Preparedness	Web Design I	
	AP United States Government and Politics	AP Statistics	Marine Science	Latin I	Career Preparedness-A	Web Design II	
	AP Macro-economics	Geometry	Physical Science	Latin II	Career Preparedness-B	Workforce Essentials	
		Pre-Calculus	Physics	Latin III	Computer Programming I		
				Mandarin Chinese I	Content Textual Reading		
				Mandarin Chinese II	Creative Writing		
				Spanish I	Forestry		
			Spanish II	Global Studies (Contemporary Issues)			
			Spanish III	Health Education			
			Spanish IV	Journalism			

SPECIAL PROGRAMS

MCPSS ACADEMY OF VIRTUAL LEARNING

As an innovative, *highly accountable learning environment without walls*, MCPSS Academy of Virtual Learning (MAVL) offers a unique and flexible learning opportunity with extensive support from teachers, individualized instruction, and a full range of courses.

Unlike in a traditional school setting, MAVL students work in their courses at the time of day that is more suitable for their schedule. Face-to-face meetings occur on campus for tutoring, academic counseling, and testing. During the Curriculum Lab visits, students are able to form study groups and friendships while enhancing 21st century skills. MCPSS Academy of Virtual Learning offers not only core courses but also many career and technical education courses, honors and AP courses, foreign languages, and other academic electives which will enable students to have a well-rounded educational experience.

Requirements for enrollment include, but are not limited to:

- being a rising 7th - 12th grader
- being enrolled in a public, private, or home school.
- being a resident within one of the MCPSS school zones.
- being at or above grade level in reading and math.
- having acceptable attendance.
- having minimal discipline issues (no C-E offenses).
- having a minimum 2.0 GPA for 10th -12th graders.
- having passed all academic courses for the upcoming 8th and 9th graders.
- having a laptop or desktop computer and access to consistent internet.
- having reliable transportation to attend lab days.

** A review committee will evaluate all received applications with the final decision resting among the administration.*

Student Expectations

Students are expected to work on a paced schedule, with individual and collaborative assignments due weekly. However, students have the flexibility to work at a time and place that suits their individual needs. For students to be successful in the program, students will need to complete the prescribed amount of assignments each week.

For application and enrollment information, please contact Ms. Angela Thomas, Administrator athomas2@mcpss.com.

EVENING EDUCATIONAL OPTIONS PROGRAMS

The Evening Educational Options Program (EEOP) was established through a partnership with the Mobile County Public School System and the Mobile Area Education Foundation in the Fall of 2009.

The primary goal of EEOP is graduating students who need alternatives from the traditional high school setting. The program utilizes a combination of Connexus and direct teaching to provide students with course instruction.

Highlights of EEOP

- EEOP is housed at Denton Middle School
- Students attend school Monday through Thursday from 4:00 P.M. to 8:30 P.M.
- Students must provide their own transportation
- Students are allowed to attend prom as well as participate in senior activities and commencement with their home school **(unless home school administrator has valid reason for denying participation)**
- Students obtain credits through completion of courses by computer-directed instruction
- MCPSS teachers are available to assist students in each subject area

Requirements for Admission

- Student must complete application and have it signed by a parent
- Student must receive counselor's or administrator's signature on application
- Student must have **at least 14 credits**
- Student must have an unofficial copy of their transcript attached to the application
- Student and Parent MUST complete the EEOP Orientation Meeting

Requirements for Enrollment

- Student must submit an EEOP withdrawal form to the registrar
- Student must clear all non-credits before withdrawing
- Student must pay all overdue fines and past due course fees before withdrawing
- Student must return all textbooks, athletic, band, JROTC uniforms, and/or any other property of the school before withdrawing
- Student is responsible for making sure that grades obtained through Credit Recovery, Twilight School, or Summer School are posted on transcript before withdrawing
- Student must return the EEOP Withdrawal Form, containing the registrar's signature, in order to be enrolled

For application and enrollment information, please contact Mrs. Djuna H. Moore, Administrator dmoore1@mcps.com.



ATHLETICS

- ATHLETIC ELIGIBILITY REQUIREMENTS
- NON-TRADITIONAL ATHLETES

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Teaching, Learning, and Assessment
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ACADEMICS FIRST AND ATHLETIC ELIGIBILITY

ELIGIBILITY FOR HIGH SCHOOL ATHLETES

1. Students entering the 10th, 11th, and 12th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least six new Carnegie units with a minimum composite numerical average of 70 in those six units.
 - a. Four core curriculum courses must be included in those units passed and averaged. (English, mathematics, science and social studies are core curriculum courses. Any combination of these courses is acceptable.) Student must be on track to graduate.
 - b. Any student who accumulates more than four units of core courses per year may earn less than the required four core courses during the next school year and be eligible as long as the student remains on track for graduation with his/her class.
2. Students entering the 8th and 9th grades must have passed during the last two semesters in attendance and summer school, if applicable, at least five new subjects with a minimum composite numerical average of 70 in those five subjects and must have been promoted to the next grade.

Note: A new unit is one that has not been previously passed. A semester is half of a school year as defined by the local school system.

- Home School students should consult the NCAA website at www.ncaa.org for information and requirements for Division I and Division II.
- Students entering the 7th grade for the first time are eligible.

Please refer to the Student/Parent Resource Guide at www.ahsaa.com to obtain detailed information from the Alabama High School Athletic Association.

ELIGIBILITY FOR THE COLLEGE BOUND ATHLETE

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION ELIGIBILITY CENTER

Students desiring to play sports at an NCAA Division I or II school must start by registering for a Certification Account with the NCAA Eligibility Center. Students desiring to play Division III sports must start by creating a Profile Page. Certification Accounts and Profile pages can be created on www.eligibilitycenter.org.

- **ACADEMIC REQUIREMENTS:** To play sports at a Division I or II school, the student must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA as well as earn an ACT or SAT score that matches your core-course GPA.
- **CORE COURSES:** Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit www.eligibilitycenter.org/courselist for a full list of your high school's approved core courses.

- **GRADE POINT AVERAGE:** The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved **core courses**. DIVISION I requires a minimum 2.3 GPA; DIVISION II requires a minimum 2.2 GPA.
- **TEST SCORES:** You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility code 9999 to send your scores directly to us from the testing agency. NCAA accepts official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best sub-score from different tests are used to give you the best possible score.
- **SLIDING SCALE:** Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at www.ncaa.org/test-scores.

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses

NCAA accepts official scores only from the ACT or SAT, and won't use scores shown on your high school transcript.

NATIONAL ASSOCIATION OF INTERCOLLEGIATE ATHLETICS

The NAIA is an athletics association for small colleges and universities. Graduating seniors who earn athletic scholarships to any NAIA college will be required to complete a Certification Account with the NAIA Eligibility Center.

Eligibility requirements can be found at www.naia.org.

ELIGIBILITY FOR NON-TRADITIONAL HIGH SCHOOL ATHLETES

Non-traditional high school athletes attend a homeschool program; yet, are eligible to play high school sports through the bylaws of the Alabama High School Athletic Association. In order to participate in any high school athletics program, the non-traditional student must:

- Enroll in a school that serves the area in which they live.
- Provide a transcript from the homeschool program to be evaluated for eligibility.
- Enroll in the public school within the first 20 days of the semester.
- Complete the enrollment process and registration paperwork prior to tryouts.
- Enroll in two electives (one elective per semester).
- Be added to the roster of the sport in C2C in order to be covered under catastrophic insurance.
- Attend assigned classes (i.e. Weight Training, Varsity Athletics, etc.) each school day.
- Take regular Physical Education on the school's campus if enrolling in a middle school.



SIGNATURE ACADEMIES

- BAKER HIGH SCHOOL
- MATTIE T. BLOUNT HIGH SCHOOL
- ALMA BRYANT HIGH SCHOOL
- CITRONELLE HIGH SCHOOL
- W.P. DAVIDSON HIGH SCHOOL
- JOHN L. LEFLORE HIGH SCHOOL
- MARY G. MONTGOMERY HIGH SCHOOL
- S.S. MURPHY HIGH SCHOOL
- BEN C. RAIN HIGH SCHOOL
- THEODORE HIGH SCHOOL
- C.F. VIGOR HIGH SCHOOL
- LILLIE B. WILLIAMSON HIGH SCHOOL

MRS. AMANDA PROWELL, Signature Academy Specialist
apowell@mcpss.com

MR. LARRY MOUTON, Assistant Superintendent
Workforce Development
lmouton@mcpss.com

SIGNATURE ACADEMIES

The Mobile County School System created Signature Academies at each high school to provide small learning communities that afford all 10th -12th grade students the opportunity to participate in real world, hands-on assignments connected to a specific career theme. Signature Academies offer college and career-ready opportunities such as internships, job shadowing, workplace tours, worksite training, business mentors, etc. Students complete a minimum of one course each year beginning in the 10th grade. Students may request an academy change during their 10th grade year after consulting with the school's Academy Specialist.

8th grade students who are not zoned to attend a high school that offers the Signature Academy they are interested in pursuing may apply to the school of their choice during the Signature Academy application period. All applicants will receive written notification of their acceptance status. Students who are accepted to the Signature Academy outside of their zoned school will be responsible for providing their own transportation to their assigned school. Students can be withdrawn from their assigned school if they decide to change their academy pathway. If this occurs, students are re-enrolled in their zoned high school.

Below is a list of each high school's Signature Academy. In addition to their signature program, each school offers additional academies that are available to students who are zoned to attend that particular school. Information regarding the academies offered at each school can be found on each school's website, by visiting www.academiesofmobile.com.



Baker High School

The Academy of Advanced Placement Capstone is designed to provide students with a rigorous curriculum to develop productive citizens and life-long learners who are prepared to compete in a global society.

- As Baker High School's Signature Academy, the Advanced Placement Capstone Program cultivates curious, independent, and collaborative scholars. Students work both individually and within a team setting to study topics of relevance and interest. Students will be trained to propose logical, evidence-based solutions to research questions of their own choosing. Students will master both argument-based writing skills and persuasive speech. Finally, students will be challenged to defend their findings at the conclusion of a multimedia presentation. The AP Capstone program is comprised of two courses: AP Capstone Seminar and AP Capstone Research. These two courses are designed to complement and enhance the discipline-specific study of other AP courses. Students who successfully complete AP Seminar and AP Research along with at least four other AP courses will earn the prestigious AP Capstone Diploma. Successful completion is deemed as receiving a score of three or better on all six AP exams.

Blount High School

The Academy of Pre-Med, Medical, and Advanced Healthcare Careers is a specialized program designed to expose students to a wide range of careers in healthcare.

- **Health Science** is designed to provide the student with multiple opportunities to learn and acquire skills necessary for various levels of careers within the healthcare field. Students will have the opportunity to earn a credential as a Certified Nursing Assistant (CNA) endorsed by the State of Alabama. Coming soon, students will also have the opportunity to earn EKG Technician Certifications.
- **Sports Medicine** is designed to provide students with the knowledge and skills needed to assist with first aid and therapeutic medical services. Students will be given the opportunity to earn multiple certifications in the following areas: Cardiopulmonary Resuscitation Certificate (CPR), First Aid, Automated External Defibrillator (AED), and Blood Borne Pathogens.
- **The Pre-Med and Advanced Healthcare Careers Academy** is designed for students enrolled in the 11th and/or 12th grade who plan to pursue a major in the Bio-Medical Sciences. Course sequence is designed to apply science to medicine through various classroom, laboratory, community, and service-related activities. Students in this career path will take part in a range of classroom experiences that will expose them to a variety of careers in the healthcare industry. Experiences will provide an overview of medicine, Pharmacy, Nursing, Allied Health Technology, Health Systems Management, Optometry, and Dentistry through major pathway projects.

Bryant High School

The Academy of Cambridge and Coastal Studies offer students opportunities in the following pathways:

The Cambridge Assessment International Education Program is a rigorous, internationally recognized course of study for academically talented students. The program has been in existence for over 150 years and is under the auspices of Cambridge Assessment, a not-for-profit organization and part of the world-renowned University of Cambridge in the United Kingdom, whose international qualifications are recognized by the world's best universities and employers, giving students a wide range of options in their education and career.

The first two years in the Cambridge Program are spent studying a broad curriculum of courses designed to emphasize the development of higher order thinking skills, oral and written skills, and extensive problem solving and teamwork while earning the International General Certificate for Secondary Education (IGCSE). The final two years are spent in the advanced program which is comprised of college-level courses leading to the Advanced International Certificate of Education (AICE) diploma.

The Academy of Coastal Studies provides students opportunities to acquire the knowledge and skills needed to protect and preserve the environment and livelihood of the Gulf Coast.

- **Agriscience** provides students with a fundamental overview of the Agriculture, Food, and Natural Resources cluster which contains Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness.
- **Coastal Environmental Sciences** provides students an opportunity to focus on the coastal environment surrounding them. Through classroom and hand-on learning experiments, students will study the various aquatic ecosystems within the marine environment.
- **Fisheries Management & Aquaculture** is designed to provide students with the knowledge and skills necessary to move beyond the harvesting of wild seafood to an industry of seafood production and harvesting. Students will learn about aquaculture systems, water chemistry and management, system design and maintenance, health and sanitation, and other aquaculture issues.
- **Maritime & Industrial Technologies** is designed for students interested in the shipbuilding industry. Through collaboration with the Ingalls Shipbuilding, students will participate in courses in Welding, Pipefitting, Engine Repair, and Electrical/Wiring Systems.
- **Recreation, Travel, & Tourism** is designed to introduce students to hospitality and tourism, recreation, travel and tourism, lodging, restaurants/food and beverage services, customer relations, and quality services. Students will learn about development, marketing, and promotion of this vital area in the gulf coast economy.

Citronelle High School

The **Academy of Advanced Manufacturing** provides students various opportunities to obtain the knowledge and skills necessary to become proficient in the areas of Construction and Manufacturing.

The following pathways are available to students in this academy:

- **Automotive** is designed to provide knowledge and skills related to the automotive repair industry.
- **Engineering** is designed to prepare students to enter the science, technology, engineering, and mathematics (STEM) workforce.
- **Manufacturing Technologies** is designed to prepare students for entry-level positions in manufacturing including safety, quality practices and measurement, manufacturing production & processes, maintenance awareness and green production.
- **Welding** is designed to develop the knowledge and skills necessary in the welding industry.

Davidson High School

The International Baccalaureate Diploma Program and Engineering Pathways Integrated Curriculum allows students to explore advanced educational and career opportunities in the following pathways:

The International Baccalaureate Diploma Program is a two-year curriculum for eleventh and twelfth graders aimed at developing inquiring, knowledgeable, and caring young people. The program provides a rigorous and challenging academic curriculum that prepares students for a variety of post-secondary school options.

The DHS Pre-IB Program is a two-year curriculum designed for ninth and tenth grade students desiring to complete the IB Diploma Program as eleventh and twelfth graders. The DHS Pre-IB Program offers a rigorous study in all IB subject areas with particular focus on English and History preparation. The DHS Pre-IB Program can be completed in conjunction with the EPIC Program, AP Program, and other extra-curricular programs.

Engineering Pathways Integrated Curriculum (EPIC) is a specialized math and science program that prepares students for post-secondary education in engineering, medicine, information technology and other STEM fields. EPIC's strong math and science components allow interested students to go beyond the required curriculum to take extra courses and to participate in enrichment activities related to their interests in math and science. EPIC students choose one of three pathways that best suits their interests and goals for the future:

- Biomedical Engineering
- Computer Science
- Engineering

LeFlore Magnet High School

The Academy of Law, Arts, and Health Services provides opportunities for developing sound communication skills as well as critical thinking skills needed to pursue careers within these areas of focus:

- **The Academy of Law** offers pathways in Legal Studies, Public Safety and AJROTC Leadership. It provides students with the knowledge, skills and exposure to pursue careers in the areas of practicing criminal and civil law, legal research/writing, law enforcement, firefighting and emergency rescue, and military service.
- **The Academy of Arts** provides exposure to Performing and Visual Arts. This academy engages students in challenging curricula where they are able to perform & develop technical skills in the areas of band, dance, art, and commercial photography.
- **The Academy of Health Services** offers the following pathways: Therapeutic Services and Pharmacy Technician. This academy provides students with essential knowledge and skills for entering the health care field. A competency-based program utilizes learner-centered instruction and provides opportunities for students to learn skills necessary for a career path in Health Science.

Mary G. Montgomery High School

The Academy of Biomedical Sciences is MGM's signature program. This academy is structured to develop knowledgeable and skilled professionals by building a strong academic foundation in biological and medical sciences. There are two pathways offered in this academy:

- **Biomedical Science** is the students' introduction to the world of biomedical science. Throughout the course, your students will "investigate and solve a mysterious death" by using information and skills they learn in the lessons. Students are required to take each of the following courses: Principles of Biomedical Science (PBS), Human Body Systems (HBS), and Medical Interventions (MI).
- **Sports Medicine** introduces the student to the interdisciplinary subspecialty of medicine through engaging and compelling real-world challenges in and around athletics and other physical activities. Students work with teams during practices and games in preparing for performance on the field, and assist with injury and athlete recovery. The curriculum is written by professional certified athletic trainers and consists of three consecutive courses: Foundations of Health Science (FHS), Human Body Structures and Functions (HBSF), and Sports Medicine Fundamentals (SMF).

Murphy High School

The Murphy University Center Signature Academy is designed for the highly motivated student that has a record of academic ability from middle school. Students who enter Murphy University have two pathway choices, International Baccalaureate (IB) and Early College. Both pathways are highly competitive and are by application admission only. Pre-MUC is the prerequisite curriculum taught in Grades 9 and 10 and is labeled Pre-MUC. In Pre-MUC, IB and Early College students take core classes and electives that are the foundation of the IB and Early College curriculum. These courses are taught on an advanced level, in fact, some of the courses are Advanced Placement courses. The Pre-MUC curriculum is necessary to not only develop the knowledge and skill set required for future study but is essential in the formation of time management principles, study habits, confidence and motivation.:

- **The International Baccalaureate (IB) Program** is a rigorous two-year program taught in Grades 11 and 12. MHS IB curriculum follows the guidelines set by the International Baccalaureate Organization. At Murphy High School, students are offered courses in History, Literature, Spanish, Biology, Chemistry, Advanced Mathematics, Sports Medicine, Music, and Dance. Students participate in service projects, conduct overnight field research trips, and become surrounded by an international culture and world view way of thinking. The program culminates senior year, with a series of exams where students can earn college credits and points towards their IB Diplomas. Successful IB students can earn in upwards of 24 college credits solely through their IB exams.
- **The Early College Program** includes partnerships with both the University of Alabama and Bishop State Community College in order for students to earn college credit their junior and senior years. In the spring of their sophomore year, the top 40 students enrolled in the Early College program will be selected to participate in the UA Early College program. This selection will be based off GPA, academic courses, and teacher recommendations. Students not eligible to participate with UA will continue the Early College experience with Bishop State Community College. All students in Early College will take dual enrollment through an accredited program. Students can elect to take Advanced Placement and International Baccalaureate classes in addition to their dual enrollment college classes.

Rain High School

The Signature Academy of Aviation and Aerospace encourages students to explore and pursue careers in the field of Aviation and Aerospace. The Academy of Aviation and Aerospace encourages students to explore and pursue careers in the field of Aviation and Aerospace. Ben C. Rain High School offers the following pathways.

- **Aviation Technology** prepares students to enter an aviation certification program and or workplace knowledgeable of basic aviation concepts. Students are afforded the experience of building and maintaining aircraft in the on-campus hangar. The aviation technology pathway provides students with a wide range of activities based on the expectations found in aviation careers. Safety, proper tool use and adherence to policies and procedures are an integral component. Students take what they have learned in class and apply to their student-built airplane project.

- **Aerospace Engineering** prepares students to enter a 2-year or 4-year college program based on exposure to high quality engineering curriculum. Using Solid Works, AutoCAD and other engineering design software, students use the engineering design process to solve real world engineering problems. Students are challenged with upper level math and science courses, as well as learn how to design and build aircrafts and robots. The knowledge gained by the students in this pathway apply to engineering and engineering related curriculum across the nation. They use the information presented to analyzes data, materials, structures and safety. Students participate in real world experiences, such as designing, building, and testing pilot seats, rockets, and assisting with engineering problems on the airplane build.

Theodore High School

The Industry and Engineering Academy is designed to provide students opportunities in the areas of engineering and drafting or in the thirteen career technical programs available at the Bryant Career Technical Center.

- **Industrial Multi-Craft Technology** is designed to provide students with multiple opportunities to acquire skills necessary for performing various tasks in the vast areas of industrial craftsmanship.
- **Engineering** is designed to provide students with the knowledge and skills in drafting (computer aided drafting (CAD) and hand drafting) as well as an introduction to the different engineering disciplines (civil engineering, mechanical engineering, electrical engineering, etc.) and skills and knowledge pertaining to each.

Vigor High School

The Academy of Advanced Information Technology (IT) is designed to develop IT technicians to assist companies grow and become innovative in the ever-changing global technology. This academy offers the following pathways:

- **Programming and Software Development** prepares students for further study and careers in the field of computer science through programming, design, and networking issues.
- **Networking** prepares students with the fundamentals and advanced computer, interpersonal, and problem-solving skills necessary for success in computer fields.
- **Interactive Media** introduces students to the role of digital media specialist by learning the essential components of how to create a web site, produce a training video, or design a computer game.
- **Virtual Reality** teaches students to use emerging computer technology to create simulated environments needed for workforce training, manufacturing and various industries.

Williamson High School

The Academies of Maritime, Engineering, and Entrepreneurship expose students to the skill set necessary to be successful within a two-or four-year college or university and the work place.

- **The Maritime Academy** encourages students to explore and pursue careers in the Maritime Industry of Welding Multi-Craft and Electrical fields of study. Mobile is home to various maritime companies and through high school fabrication and welding programs; students can obtain skills that will make them very marketable in the maritime industry. Fabricators in the maritime industry are seeking young women who may otherwise dismiss potential opportunities in this career path. There are opportunities for young women to advance in the maritime industry through this academy. Williamson High School's Maritime Academy helps students realize there are viable career options within their own community that doesn't require a four-year degree. Students in this academy learn the value of a career in welding and metal fabrication, both creatively and financially. The Maritime Academy provides students with insight into the future of Mobile's maritime industry.
- **The Engineering Academy** provides students with the opportunity to gain experience in general engineering design and application. Students can explore computer-aided drawing software, civil engineering concepts and engineering design process; that helps them to prepare to attend a 2-year or 4-year institution. In addition to the knowledge that will help to prepare them for a career in engineering, upon successful completion of the course the students receive the credential needed for graduation. As students complete coursework in engineering, they acquire discipline-specific knowledge that allows them to make informed career choices.
- **The Entrepreneurship Academy** consists of Business Marketing, Culinary Arts, Cosmetology, Music Performance, and JROTC. The students engage in real-world projects that assist in building the foundation necessary to be successful in various career fields. Through our partnership with the University of South Alabama's Mitchell College of Business, students can work with entrepreneurs to learn essential information that will allow them to be successful entrepreneurs. Students engage in real world activities, such as pitch competitions, product development, and writing business proposals. Students who successfully complete the academy, can apply for scholarships specific to entrepreneurship at South Alabama. Students also gain credentials that make them more marketable to Business and Industry.



The background is a teal color with white geometric shapes that create a stylized 'X' or 'Y' pattern. Faint images of a student writing, a book, and a chalkboard with math problems are visible through the teal overlay.

SPECIAL EDUCATION SERVICES

MS. SHARON MAGEE, Executive Director
Special Education Programs
samagee@mcpss.com

LOVE TO
LEARN

SPECIAL EDUCATION PROGRAMS

Special Education means individualized instruction that is specially designed to meet the unique needs of students with disabilities and students identified as gifted. A continuum of services is available based upon each student's functioning level and need for specialized educationally-related services. Special education services may be consultative, part-time, or full-time. Please contact the Special Education office in Academic Affairs at (251) 221-4218 for more information about a specific area of Special Programs. The following exceptionalities are served through the Special Education Program:

Autism	Intellectual Disability	Speech/Language Impairment
Deaf/Blindness	Multiple Disabilities	Traumatic Brain Injury
Emotional Disability	Orthopedic Impairment	Visual Impairment
Gifted	Other Health Impairment	Developmentally Delayed
Hearing Impairment	Specific Learning Disability	

Special Education Work Component Requirements

Students who are working to earn the Essentials/Life Skills Diploma are required to complete a work component. The work component requirements are as follows:

PREREQUISITE COURSE:

Career Preparedness (Career and Academic Planning, Computer Applications, and Financial Literacy)

REQUIREMENTS:

Students who take 4 or more Essentials Pathway courses must complete the following:

- Community-Based Work Training
- Two Career/Technical Education courses in a sequence
- Workforce Essentials or Transition Services II
- Cooperative Education/Work-Based Learning and/or Essentials Career Preparation

IMPORTANT INFORMATION:

- Community-Based Work Training should be completed before applying for Cooperative Education/Work-Based Learning.
- Community-Based Work Training should be completed at two different work sites, and will be considered successful when the student has two Community-Based Work Training Performance Evaluations with scores of 3 or 4 for each site.

- Community-Based Work Training can be waived with successful paid work experiences documented on the Community-Based Work Training Performance Evaluation form (minimum of two).
- Cooperative Education/Work-Based Learning and Essentials Career Preparation can consist of an apprenticeship (paid) or internship (unpaid) experience.
- Students must have a minimum of 140 hours of apprenticeship or internship experience. The student will be awarded one credit for each 140 hours of the career experience.
- Apprenticeship and internship hours can only be earned in the summer if the student is enrolled in summer school and the system Cooperative Education Coordinator is on a 12-month contract.
- The Career Preparation course can count as a Career and Technical Education (CTE) course, regardless of the instructor's teacher certification..



Special Education means individualized instruction that is specially designed to meet the unique needs of students with disabilities and students identified as gifted.

SPECIAL EDUCATION DIPLOMA PATHWAYS

Freshman Classes of 2019, 2020, and 2021

ESSENTIALS/LIFE SKILLS PATHWAY	CREDITS NEEDED	ALTERNATE ACHIEVEMENT STANDARDS PATHWAY	CREDITS NEEDED
ENGLISH	4	ENGLISH	4
English Essentials 9 English Essentials 10 English Essentials 11 English Essentials 12		AAS English 9 AAS English 10 AAS English 11 AAS English 12	
MATHEMATICS	4	MATHEMATICS	4
Algebraic Essentials Geometry Essentials Essentials Algebra II Essentials Math Elective		AAS Math 9 AAS Math 10 AAS Math 11 AAS Math 12	
SCIENCE	4	SCIENCE	4
Essentials Physical Science Essentials Biology Essentials Science Elective Essentials Science Elective		AAS Science 9 AAS Science 10 AAS Science 11 AAS Science 12	
SOCIAL STUDIES	4	SOCIAL STUDIES	4
Essentials World History 9 Essentials United States History 10 Essentials United States History 11 American Government for Living Economics for Living		AAS Social Studies 9 AAS Social Studies 10 AAS Social Studies 11 AAS Social Studies 12	
PHYSICAL EDUCATION	1	PHYSICAL EDUCATION	1
HEALTH EDUCATION	0.5	Beginning Kinesiology	
CAREER PREPAREDNESS	1	LIFE SKILLS	4
Career and Academic Planning, Computer Applications, and Financial Literacy		AAS Life Skills 9 AAS Life Skills 10 AAS Life Skills 11 AAS Life Skills 12	
CAREER AND TECHNICAL EDUCATION	3	VOCATIONAL/COMMUNITY BASED INSTRUCTION	4
GENERAL ELECTIVES	6.5	AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction and/or AAS Elective	
<i>NOTE: Cooperative Education Seminar/Work-Based Experience is a required elective</i>			

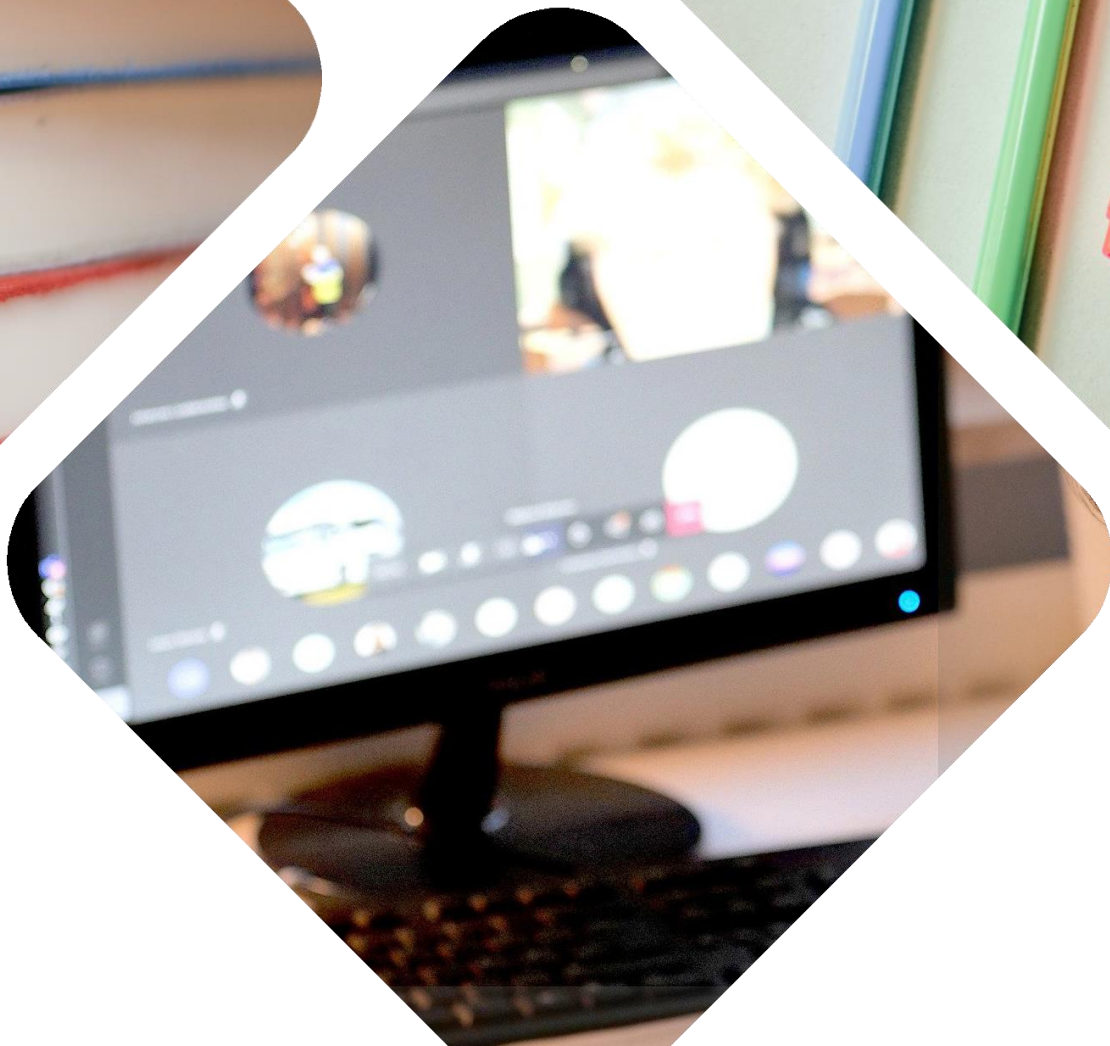
NOTE: Students working towards the Essentials/Life Skills Pathway MUST take Cooperative Education Seminar/Work-Based Experience. Students with disabilities that remain in school until age 21 must be allowed to participate in graduation activities with their class. The Local Education Agency (LEA) determines whether the student is given a blank sleeve or a locally developed certificate during the ceremony with their class, but they should not be awarded the diploma until the year of their agreed upon date of exit.

SPECIAL EDUCATION DIPLOMA PATHWAYS

Freshman Class of 2021-2022 and After

ESSENTIALS/LIFE SKILLS PATHWAY	CREDITS NEEDED	ALTERNATE ACHIEVEMENT STANDARDS PATHWAY	CREDITS NEEDED
ENGLISH	4	ENGLISH	4
English Essentials 9 English Essentials 10 English Essentials 11 English Essentials 12		AAS English 9 AAS English 10 AAS English 11 AAS English 12	
MATHEMATICS	4	MATHEMATICS	4
Essentials Geometry w/Data Analysis Essentials Algebra I w/Probability Essentials Algebra II w/Statistics Essentials Math Elective		AAS Math 9 AAS Math 10 AAS Math 11 AAS Math 12	
SCIENCE	4	SCIENCE	4
Essentials Physical Science Essentials Biology Essentials Science Elective Essentials Science Elective		AAS Science 9 AAS Science 10 AAS Science 11 AAS Science 12	
SOCIAL STUDIES	4	SOCIAL STUDIES	4
Essentials World History 9 Essentials United States History 10 Essentials United States History 11 American Government for Living Economics for Living		AAS Social Studies 9 AAS Social Studies 10 AAS Social Studies 11 AAS Social Studies 12	
PHYSICAL EDUCATION	1	PHYSICAL EDUCATION	1
HEALTH EDUCATION	0.5	Beginning Kinesiology	
CAREER PREPAREDNESS	1	LIFE SKILLS	4
Career and Academic Planning, Computer Applications, and Financial Literacy		AAS Life Skills (Aligned w/Health) AAS Life Skills (Aligned w/Career Prep) AAS Life Skills 11 AAS Life Skills 12	
CAREER AND TECHNICAL EDUCATION	3	VOCATIONAL/COMMUNITY BASED INSTRUCTION	4
GENERAL ELECTIVES	2.5	AAS Pre-Vocational, AAS Vocational, AAS Community-Based Instruction and/or AAS Elective	
<i>NOTE: Cooperative Education Seminar/Work-Based Experience is a required elective</i>			

NOTE: Students pursuing the Alabama Alternate Achievement Standards Pathway must follow the Alabama Extended Standards for their core content (English, Math, Science, and Social Studies). Each school LEA is expected to have course syllabi on file and documentation that the students completed the objectives.



COURSE OPTIONS AND DESCRIPTIONS

The following pages contain courses offered in the Mobile County Public School for the 2020-2021 school year. Each course listed includes a brief description, the amount of credit that can be earned, and any pre-requisites needed to take the course. Please note that due to the number of course options, classes are listed alphabetically and not in sequential order.

Students and parents should consult with the grade-level counselor for recommended course sequences based on the student's diploma endorsement and academy choices.

Course Options and Descriptions are listed for the following areas:

- CAREER AND TECHNICAL EDUCATION
- DRIVER'S EDUCATION AND SAFETY
- ENGLISH AND LANGUAGE ARTS EDUCATION
- ENGLISH AS A SECOND LANGUAGE (ESL)
- FINE ARTS EDUCATION
- HEALTH AND PHYSICAL EDUCATION
- JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)
- MATHEMATICS EDUCATION
- SCIENCE EDUCATION
- SOCIAL STUDIES EDUCATION
- SPECIAL EDUCATION
- WORLD LANGUAGES

MISCELLANEOUS COURSES

ACADEMIC TEAMS

22994X10HQ HI Q ACADEMIC TEAM

1 CREDIT

This course is designed to assist students in the preparation for participation in the Hi-Q Academic Team Program.

22994X10SB SCHOLARS' BOWL TEAM

1 CREDIT

This course is designed to assist students in the preparation for participation in the Scholars' Bowl Team.

TWILIGHT AND NON-TRADITIONAL STUDENT ENROLLMENT

22996X10TA TWILIGHT ATTENDANCE

0 CREDIT

This course code is used for Twilight attendance ONLY.

22996X10SA NON-TRADITIONAL STUDENT ATTENDANCE

0 CREDIT

This course code is used for Non-Traditional (Homeschool) student attendance ONLY.

REGISTRATION AND TRANSFER OF CREDIT APPROVAL

22997X10TE TRANSFER ELECTIVE

1 CREDIT/.5 CREDIT

This course code number is ONLY utilized for transfer courses that do not have a match in the valid course file (EX: Arkansas State History). AT NO TIME SHOULD THE WORD "TRANSFER ELECTIVE" REMAIN ON THE TRANSCRIPT. The Registrar will manually enter the course name, course type, difficulty level, grade, credit, and weight of course.

GUIDANCE AND COUNSELING

23991X10RA REACH STUDENT ADVISEMENT

.25 CREDIT

This course is designed to enhance academic, career, social, and personal development for high school students. Students meet under the supervision of a faculty advisor who facilitates REACH Advisory lessons and serves as an advocate for their students. 0.25 credit may be awarded each school year for maximum of 1.0 credit per student to be earned

22996X10SG SEE GUIDANCE; SCHEDULE FILLER

0 CREDIT

These numbers have been added to valid course file to give flexibility in scheduling unique groups of students. The course number is used simply as a "holding place" and is non-credited. The student must be adjusted with a credited course.

22996X10MY MID-YEAR GRADUATE

0 CREDIT

This number can be assigned in the second semester schedule of students who are mid-year (December) graduates.

22996X10SR SENIOR EARLY LEAVE

0 CREDIT

This number can be assigned for senior students who are engaged in educational/training opportunities away from the local high school site, and/or for fifth-year seniors only.

CREDIT RECOVERY AND INTIAL CREDIT

CREDIT RECOVERY

The following numbers should be used when scheduling a student for a course in **CREDIT RECOVERY (Prescriptive Courses in Connexus)**:

ENGLISH		MATHEMATICS	
ENGLISH 9	01001G1000.700	ALGEBRA I	02052G1000.700
ENGLISH 10	01002G1000.700	GEOMETRY	02073G1000.700
ENGLISH 11	01003G1000.700	ALGEBRA II	02056G1000.700
ENGLISH 12	01004G1000.700		
SOCIAL STUDIES		SCIENCE	
WORLD HISTORY	04053G1000.700	PHYSICAL SCIENCE	03159G1000.700
US HISTORY 10	04102G1000.700	BIOLOGY	03051G1000.700
US HISTORY 11	04102H1000.700	EARTH SPACE SCIENCE	03008G1000.700
GOVERNMENT	04151G0500.700	ENVIRONMENTAL SCIENCE	03003G1000.700
ECONOMICS	04201G0500.700		

INITIAL CREDIT

The following numbers should be used when scheduling a student for **INITIAL CREDIT (Sequential Courses in Connexus)**:

ENGLISH		MATHEMATICS		SOCIAL STUDIES	
ENGLISH 9	01001G1000.800	ALGEBRA I	02052G1000.800	WORLD HISTORY	04053G1000.800
ENGLISH 10	01002G1000.800	GEOMETRY	02073G1000.800	US HISTORY 10	04102G1000.800
ENGLISH 11	01003G1000.800	ALGEBRA II	02056G1000.800	US HISTORY 11	04102H1000.800
ENGLISH 12	01003G1000.800			GOVERNMENT	04151G0500.800
				ECONOMICS	04201G0500.800
SCIENCE		ELECTIVES			
PHYSICAL SCIENCE	03159G1000.800	CONTEMPORARY ISSUES	04064G1000.800		
BIOLOGY	03159G1000.800	HEALTH EDUCATION	08099G1000.800		
EARTH SPACE SCIENCE	03159G1000.800	PHYSICAL EDUCATION	08017G1000.800		
ENVIRONMENTAL SCIENCE	03159G1000.800	PERSONAL FINANCE	19262G1001.800		
		PARENTING	19055G1000.800		
		PSYCHOLOGY	04254G1000.800		
		SOCIOLOGY	04258G1000.800		

CAREER AND TECHNICAL CENTERS

GEORGE H. BRYANT CAREER AND TECHNICAL CENTER

The **George H. Bryant Career and Technical Center** provides career technical training for area high school students. Hands on skilled instruction combined with related academics that prepares students for having a successful career in the workforce industry. Students can choose to attend the morning or afternoon session (pending space and time that course is offered). The following courses are offered at Bryant Career and Technical Center:

Agricultural Construction Technology	Fire Science Technology
Agricultural Mechanics	Forestry and Wildlife Science
Agricultural Turf Management	Health Science Technology
Automotive Technology	Heating, Ventilation, Air Conditioning & Refrigeration
Aviation Technology	Horticulture & Floriculture
Computer Electronics Technology	Plumbing & Pipefitting
Construction and IM&S Technology	Welding Technology
Cosmetology	

Bryant Career and Technical Center services students from the following high schools within MCPSS: Baker High School, Alma Bryant High School, Davidson High School, BC Rain High School, and Theodore High School.

THOMAS L. FAULKNER CAREER AND TECHNICAL CENTER

The **Thomas L. Faulkner Career and Technical Center** provides career and technical training for area high school students. Students are prepared for global opportunities by being equipped with workforce skills, exposure to internship opportunities, and post-secondary opportunities. Students can choose to attend the morning or afternoon session (pending space and time that course is offered). The following courses are offered at Faulkner Career and Technical Center:

Automotive Technology	Health Science
Carpentry and Cabinet Making	Heating, Ventilation, Air Conditioning & Refrigeration
Collision Repair Technology	Masonry and Trowel
Computer Electronics Technology	Mathematics
Cosmetology	Teaching and Training
Electrical Technology	Welding Technology
Graphic Arts and Design	

Faulkner Career and Technical Center services the following high schools within MCPSS: Mary G. Montgomery High School, Blount High School, Vigor High School, LeFlore High School, Murphy High School, and Williamson High School.

CITRONELLE CENTER FOR ADVANCED TECHNOLOGY

The Citronelle Center for Advanced Technology provided career and technical training for Citronelle High School students. Students who enroll in the Citronelle Center for Advanced Technology achieve the self-confidence, discipline, and assurance needed to reach their career goals. The following courses are offered at the Citronelle Center for Advanced Technology:

Automotive Technology	Welding Technology
Agriscience	Manufacturing
Health Science	Patient Care Technology
Engineering Technology	Hospitality and Tourism

CTE TECHNICAL DUAL ENROLLMENT PROGRAMS

The Mobile County Public School System, Bishop State Community College, and Coastal Alabama Community College have an agreement that allows students to receive advanced training in technical fields including Welding, Process and Instrumentation Technology, Electronics, Automotive Technology, Heating, Ventilation, and Air Conditioning Repair, and Aviation Technology, among other choices. The participating students may receive both high school and post-secondary credit for the courses in these programs. This program will provide MCPSS students with quality career pathways that can lead to more advanced education, certification, and more employment opportunities. A Dual Enrollment Contract signed by the student, counselor, and principal must be signed prior to beginning any DE course in order for student to receive the DE credit on their high school transcript. **Interested students should see the Guidance Counselor at the Career and Technical Education Center they attend.**

CAREER AND TECHNICAL EDUCATION STUDENT ORGANIZATIONS



DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality, and management. DECA enhances the preparation for college and careers by providing co-curricular programs that integrate into classroom instruction, applying learning in the context of business, connecting to business and the community, and promoting competition.



FUTURE BUSINESS LEADERS OF AMERICA is a nonprofit international career and technical student organization for young men and women preparing for careers in business and business-related fields. Our mission is to bring business and education together in a positive working relationship through innovative leadership and career development programs.



FAMILY, CAREER, AND COMMUNITY LEADERS OF AMERICA is a nonprofit national career and technical student organization for young men and women in family and consumer sciences education in high schools. FCCLA is the ultimate leadership experience.



FFA makes a difference in the lives of young people by developing their potential for premier leadership, personal growth, and career success through agriscience education.



HEALTH OCCUPATIONS STUDENTS OF AMERICA officially known as HOSA Future Health Professionals, is the CTE student organization dedicated to preparing students for careers in the Health Science Cluster. HOSA's mission is to empower its members to become leaders in the global health community through education, collaboration, and experience.



THE NATIONAL TECHNICAL HONOR SOCIETY acknowledges the achievements of outstanding Career and Technical Education students, provides scholarships, and career development opportunities. Students are recognized for their leadership skills and abilities. NTHS celebrates the accomplishments of today's CTE students, empowering them to know the value and impact of their chosen career path.



SKILLS USA is a partnership of students, teachers, and industry working together to ensure America has a skilled workforce. We provide educational programs, events and competitions that support career and technical education in the nation's classrooms.



THE TECHNOLOGY STUDENT ASSOCIATION fosters personal growth, leadership, and opportunities in Science, Technology, Engineering, and Mathematics (STEM); members apply and integrate these concepts through co-curricular activities, competitions, and related programs.

AGRICULTURE, FOOD, AND NATURAL RESOURCES CLUSTER

MRS. DANIELLE BOOTH, SUPERVISOR

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In the Agriculture, Food and Natural Resources cluster specific content standards describe what students will be able to do at the end of each course. Students who select the Agriculture, Food and Natural Resources cluster are interested in the planning, implementation, production, management or marketing of agriculture, food and natural resources. Instruction in the Agriculture, Food and Natural Resources cluster provides students with the essential knowledge, high-level skills and training demanded for work in this cluster. Learning activities simulate types of work environments students may encounter, which include opportunities to gain knowledge and skills through coordinated workplace learning experiences, such as on-site visits and work shadowing. The classroom and laboratory for this cluster provide a safe and appropriate setting for active, structured and stimulating student learning and assessment. This cluster emphasizes the Supervised Agricultural Experience (SAE) program and FFA activities that help students develop their potential for premier leadership, personal growth and career success. The following programs are in this section:

- **General Agriscience Program** is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics. This program is offered at Bryant High School, Citronelle High School, and Evans Special School.
- **Industrial Agricultural Technology Program** is designed to provide students with a general understanding of agricultural power equipment and modern construction and building practices along with a basic understanding of metal fabrication and welding. This program is offered at Bryant Career Technical Center and Mary G. Montgomery High School.
- **Plant Science Program** is designed to provide students with an understanding of the greenhouse, horticulture and nursery/landscape industries. This program is offered at Bryant Career Technical Center, Continuous Learning Center, and Montgomery High School.

GENERAL AGRISCIENCE PROGRAM

18003G1001 FUNDAMENTALS OF AGRISCIENCE

1 CREDIT

Fundamentals of Agriscience is a one-credit course that provides students with a fundamental overview of the Agriculture, Food and Natural Resources cluster. Students are involved in classroom and laboratory activities with an emphasis based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling. *Foundation course for AG programs. **Grades: 10-12**

18003G1002 INTERMEDIATE AGRISCIENCE

1 CREDIT

Intermediate Agriscience is a one-credit course that provides students with an intermediate understanding of the Agriculture, Food and Natural Resources cluster. Students are involved in classroom and laboratory activities with an emphasis on plant systems. The curriculum will provide opportunities for Career Readiness Indicators utilizing

resources from the Alabama Green Industry Training Center, Landscape Management Technician, and NCCER.

*Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18003G1003 ADVANCED AGRISCIENCE

1 CREDIT

Advanced Agriscience is a one-credit course that provides students with an intermediate understanding of the Agriculture, Food and Natural Resources cluster. Students are involved in classroom and laboratory activities emphasizing plant and animal systems. The curriculum will provide opportunities for Career Readiness Indicators utilizing resources from the Youth Beef Quality Assurance, Youth Pork Quality Assurance, and NCCER. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

INDUSTRIAL AGRICULTURE PROGRAM

18003G1001 FUNDAMENTALS OF AGRISCIENCE

1 CREDIT

Fundamental of Agriscience is a one-credit course that provides students with a fundamental overview of the Agriculture, Food and Natural Resources cluster. Students are involved in classroom and laboratory activities with an emphasis based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling. *Foundation course for AG programs. **Grades: 10-12**

18014G1000 CONSTRUCTION, SITE PREP, AND FOUNDATIONS

1 CREDIT

Construction, Site Prep, and Foundations is a one-credit course designed to facilitate students' understanding of the first phases of construction including types of structures and their uses. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18004G1000 CONSTRUCTION FRAMING

1 CREDIT

Construction Framing is a one-credit course designed to facilitate students' understanding of the framing components of a structure. Emphasis is placed on floor systems, wall and ceiling framing, stair construction, and roof framing. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18011G1000 CONSTRUCTION FINISHING AND INTERIOR SYSTEM

1 CREDIT

Construction Finishing and Interior System is a one-credit course designed to provide instruction on the exterior and interior finishing phases of a structure. Students become familiar with the interior and exterior of a structure. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18403G1000 INTRO TO AGRICULTURAL WIRING

1 CREDIT

Agricultural Wiring is a one-credit course designed to provide students with the fundamental knowledge and skills for this area of the construction industry. This course emphasizes safety, grounding, conduit and electrical metallic tubing bending, boxes and fittings, circuit breakers, fuses, among other program-related topics. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

PLANT SCIENCE PROGRAM

18502G1001 FORESTRY

1 CREDIT

Forestry is designed to inform students about forestry management, woodlands conservation, and wood technology. Topics include safety, history, dendrology, silviculture practices, protection of forests, forestry equipment, forest products and marketing, tree measurement, and mapping. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18502G1002 URBAN FORESTRY

1 CREDIT

Urban Forestry is designed to enable students to acquire forestry knowledge and skills for use in an urban setting. Topics include safety, climbing and rigging, urban tree management, and tree disorders. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18052G1001 HORTICULTURAL SCIENCE

1 CREDIT

Horticultural Science introduces students to plants, facilities, tools, and techniques used in the horticulture industry. Topics include plant physiology and propagation, growth requirements, facilities, horticulture crop production, pest management, and technological applications. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18308G1002 PLANT BIOTECHNOLOGY

1 CREDIT

Plant Biotechnology familiarizes students with botany and plant biotechnology. Topics include plant classification, plant cells and tissues, needs, responses to stimuli, importance of plants, plant disease, biotechnology advancement, and applied genetics and biotechnology concepts. *Fundamentals of Agriscience is the prerequisite for this course. **Grades 10-12**

18052G1002 GREENHOUSE AND NURSERY PRODUCTION

1 CREDIT

Greenhouse and Nursery Production gives students the opportunity to utilize, manage, and maintain facilities and tools and to carry out procedures used in growing plants commercially. The course prepares them to own, manage, or work in greenhouses and plant nurseries. Topics include facilities, growing media, propagation, plant identification, production, pest and disease management, and business management. *Fundamentals of Agriscience is the prerequisite for this course. **Grades 10-12**

18054G1000 TURFGRASS MANAGEMENT

1 CREDIT

Turfgrass Management prepares students to install and maintain turfgrass in a variety of settings. Topics include turfgrass identification, establishment, maintenance, tools and equipment, and business management. *Fundamentals of Agriscience is the prerequisite for this course. **Grades 10-12**

18056G1001 LANDSCAPE DESIGN AND MANAGEMENT

1 CREDIT

Landscape Design and Management prepares students to create, install, and manage various types of landscape plans and features. Topics include facilities, irrigation, tools and equipment, landscape establishment, plant identification, design, business management, maintenance, environmental issues, and technology. *Fundamentals of Agriscience is the prerequisite for this course. **Grades 10-12**

AGRISCIENCE ELECTIVES

18501G1001 FISH AND WILDLIFE MANAGEMENT

1 CREDIT

Fish and Wildlife Management is a one-credit course that provides students with the opportunity to gain knowledge regarding the management of natural resources. Topics included in the course are career opportunities, outdoor safety, history, issues, classification, fish and wildlife ecology, fish and wildlife management, endangered species, pest management, and outdoor recreation. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18504G1000 ENVIRONMENTAL MANAGEMENT

1 CREDIT

Environmental Management provides students with the opportunity to develop an understanding of the principles and practices involved in controlling damage to the natural environment. Topics include ecology, natural resources, water quality, soil science, air quality, waste management, and chemical use and management. *Fundamentals of Agriscience is the prerequisite for this course. **Grades: 10-12**

18306G1002 AQUACULTURE SCIENCE

1 CREDIT

In Aquaculture Science, students are introduced to practical applications of both physical and biological concepts and skills through experiential learning opportunities. While aquaculture is the cornerstone of this course, the program places heavy emphasis on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation. *Fundamentals of Agriscience is the prerequisite for this course.. **Grades: 10-12**

ARCHITECTURE AND CONSTRUCTION

In the Architecture and Construction Cluster, course work leads to careers in various program areas. Course content includes significant technical depth and incorporates engineering concepts and terminology. The cluster provides students with basic knowledge and skills within a safe and appropriate setting for student exploration and achievement. The active, structured, and stimulating environment simulates the workplace setting and enhances student ability to adapt to an ever-changing job market. Students participate in SkillsUSA and can earn credentials in Autodesk AutoCAD, Autodesk Inventor, NCCER, and AWS.

CABINET MAKING PROGRAM

Courses are designed to provide students with the fundamental knowledge and skills for the cabinetmaking sector of the construction industry. Emphasis is placed on job safety, use of hand tools and stationary power tools, materials and hardware, various types of joinery, and component assembly and installation. *This program is offered at Continuous Learning Center and Faulkner Career Tech Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's

individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING 1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17007G1013 CABINET MAKING 1 1 CREDIT

This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, use of hand tools and stationary power tools, materials and hardware, various types of joinery, and component assembly and installation. **Grades: 10-12**

17007G1023 CABINET MAKING 2 1 CREDIT

This one-credit course is designed to provide students with the knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, preparation of surfaces, commonly used sealants, and paints and repairs and remedies. **Prerequisite:** Cabinetmaking 1 **Grades: 10-12**

17007G1033 CABINET MAKING 3 1 CREDIT

This one-credit course is designed to provide students with advanced knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, the use of Computer Numerically-Controlled (CNC) Software, and machining process. **Prerequisite:** Cabinetmaking 2 **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION 1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

17047G1000 SENIOR CAREER PATHWAY PROJECT ARCHITECTURE & CONSTRUCTION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. **Grades: 10-12**

CARPENTRY PROGRAM

This program emphasizes many kinds of construction activities requiring students to construct, erect, install, and repair structures and fixtures made from wood and other materials. Utilizing NCCER's curriculum, this program covers content such as Building Materials, Cabinet Fabrication, and Advanced Wall Systems. *This program is offered at the Bryant Career Technical Center and the Continuous Learning Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17002G1000 NCCR CARPENTRY 1

1 CREDIT

This one-credit course is designed to provide students with the fundamental knowledge and skills for this area of the construction industry. Emphasis is placed on job safety, use of hand and power tools, building materials, fasteners, adhesives, and flooring systems. Students are introduced to concrete forms and reinforcing materials, blue print reading, and site preparations. **Grades: 10-12**

17004G1000 NCCR CARPENTRY 2

1 CREDIT

This one-credit course is designed to provide students with advanced knowledge and skills for this area of the construction industry. Emphasis is placed on job safety; wall, ceiling, and roof framing; windows; entrance doors; and basic stair layout. **Prerequisite:** Carpentry 1 **Grades: 10-12**

17011G1000 NCCR CARPENTRY 3

1 CREDIT

A one-credit course designed to provide students with advanced knowledge, skills and practice emphasizing wall, ceiling, and roof framing, windows, entrance doors, and stair layout needed for NCCER Carpentry Level I Credentialing. **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

17047G1000 SENIOR CAREER PATHWAY PROJECT ARCHITECTURE & CONSTRUCTION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Grades: 10-12

DRAFTING DESIGN TECHNOLOGY PROGRAM

Courses in the drafting program are designed to enable students to pursue a successful career in an architectural, engineering, or industrial field. Students learn technical, mechanical drafting, and computer-aided drafting. *This program is offered at Davidson High School and Theodore High School.

21106G1013 INTRODUCTION TO DRAFTING DESIGN 1 CREDIT

Introduction to Drafting Design is a one-credit course that serves as an introduction to the drafting design technology field. It provides essential information that builds a strong foundation for the entire program. Emphasis is placed on student orientation, safety, tools and procedures, geometric construction, sketching, dimensioning practices, visualization, and orthographic projection concepts. Computer-Aided Drafting (CAD) functions and techniques using CAD software applications are introduced. Upon successful completion of this course, students are able to utilize tools and interpret basic drafting standards to complete a multi-view drawing. **Grades: 10-12**

21106G1023 INTERMEDIATE DRAFTING DESIGN 1 CREDIT

Intermediate Drafting Design is a one-credit course designed to further the development of students' knowledge regarding the use of drafting design practices and procedures. Students expand their ability to illustrate more complex objects using the Computer-Aided Drafting (CAD) system. Topics include sectioning, auxiliary views, threads and fasteners, pictorials, and the continuation of conventional dimensioning practices. Upon successful completion of the course students are able to develop section views, primary auxiliary views, thread representations and pictorial views, and apply dimensions properly on a drawing. **Prerequisite:** Introduction to Drafting Design **Grades: 10-12**

21106G1033 ADVANCED DRAFTING DESIGN 1 CREDIT

Advanced Mechanical Design is a one-credit course for students who are interested in engineering and related mechanical drafting areas that provide more in-depth study of mechanical design. Emphasis is placed on detailed parts drawings, bill of materials, and assembly drawings. Students are introduced to basic geometric dimensioning and tolerancing (GD&T) applications. Through intersections and development, students acquire basic sheet metal forming knowledge. Using this knowledge, student's layout and form models of geometric figures. Career readiness projects allow students opportunities to research industry standards and practices. **Prerequisite:** Intermediate Drafting Design

Grades: 10-12

ELECTRICAL PROGRAM

Courses in the electrical program are designed to prepare trainees for a career in the electrical field, this program utilizes NCCER's comprehensive, 4-level Electrical curriculum that complies with DOL time-based standards for apprenticeship. *This program is offered at Faulkner Career Tech Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17101G1000 NCCER ELECTRICAL TECHNOLOGIES 1

1 CREDIT

This is the first of 3 required one-credit courses in the Electrical Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, and electrical theory for use in the construction industry and required for NCCER Electrical Level I Credentialing. **Grades: 10-12**

17103G1000 NCCER ELECTRICAL TECHNOLOGIES 2

1 CREDIT

This is the second of 3 required one-credit courses in the Electrical Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on fundamental knowledge and skills in basic wiring, understanding circuitry, performing basic wiring patterns, and using the National Electric Code (NEC) leading to NCCER Electrical Level I Credentialing. **Grades: 10-12**

17105G1000 NCCER ELECTRICAL TECHNOLOGIES 3

1 CREDIT

This is the third of 3 required one-credit courses in the Electrical Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application. Skills in intermediate wiring, circuitry, wiring patterns, and using the National Electric Code (NEC) leading to NCCER Electrical Level I Credentialing. **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

HVAC PROGRAM

This program utilizes NCCER's curriculum that is recognized by North American Technician Excellence (NATE) and presents theoretical and practical skills essential to the success of an HVAC installer or technician. * This program is offered at Bryant Career Technical Center and Faulkner Career Technical Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17057G1000 NCCER HVAC 1

1 CREDIT

This is the first of 3 required one-credit courses in the HVAC Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, HVAC theory and practice for use in heating, ventilation, air conditioning industry. This entry-level course is required for NCCER HVAC Level I credentialing. **Grades: 10-12**

17051G1000 NCCER HVAC 2

1 CREDIT

This is the second of 3 required one-credit courses in the HVAC Technologies pathway. Topics include: HVAC theory, application, and the study of components and functions of refrigeration systems. Emphasis is placed on fundamental knowledge, guided practice and NCCER HVAC Level I requirements. **Grades: 10-12**

17056G1000 NCCER HVAC 3

1 CREDIT

This is the third of 3 required one-credit courses in the HVAC Technologies pathway. It is designed to provide students with theory, practice, and HVAC skills development. Emphasis is placed on application, installation, and operation of HVAC systems leading to NCCER HVAC Level I Credentialing. **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

MASONRY PROGRAM

This program utilizes NCCER's three-level curriculum which encompasses modules such as Mortar, Metalwork in Masonry, and Estimating. *This program is offered at Faulkner Career Technical Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17002G1001 NCCER MASONRY 1

1 CREDIT

This is the first of 3 required one-credit courses in the Masonry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing safety, tools, measuring, blueprint reading and layout, and basic block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Grades: 10-12**

17008G1023 NCCER MASONRY 2

1 CREDIT

This is the second of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and intermediate block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Prerequisite:** NCCER Masonry 1 **Grades: 10-12**

17008G1033 NCCER MASONRY 3

1 CREDIT

This is the third of 3 required one-credit courses in the Masonry pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and advanced block and brick construction techniques leading to NCCER Masonry Level I Credentialing. **Prerequisite:** NCCER Masonry 2 **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

PLUMBING PROGRAM

This program utilizes NCCER's four-level curriculum covering topics such as installing, maintaining, and repairing various pipe systems in residential, commercial, and public buildings. *This program is offered at Bryant Career Technical Center.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

17058G1013 PLUMBING AND PIPEFITTING 1

1 CREDIT

Plumbing and Pipefitting 1 is a one-credit course that provides students with fundamental plumbing principles and practices. Topics include basic plumbing safety, plumbing tools, oxyfuel cutting, motorized equipment, and various pipes, fittings, and materials. Upon completion of this course, students apply basic plumbing principles. This entry-level course may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology program. **Special Note:** Course offered at Bryant CTC **Grades: 10-12**

17058G1023 PLUMBING AND PIPEFITTING 2

1 CREDIT

Plumbing and Pipefitting 2 is a one-credit course that enables students to read and follow schematics, diagrams, and rough-in sheets to install or repair plumbing fixtures and to troubleshoot and make repairs. Topics include commercial drawings, excavations, underground pipe installation, various drain installations, valve types, pipes, fittings, and electricity in plumbing. Upon completion of this course, students make plumbing repairs and install plumbing fixtures. Emphasis is placed on safety and testing water supply and drain lines. Hangers, supports, structural penetrations and fire-stopping materials are also covered. **Prerequisite:** Plumbing and Pipefitting 1

Special Note: Course offered at Bryant CTC **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

WELDING PROGRAM

This program utilizes NCCER's four-level curriculum covering topics such as Oxyfuel Cutting, Welding Symbols, and Stainless-Steel Groove Welds. NCCER's curriculum also correlates to the AWS standards and guidelines for an Entry Welder. *This program is offered at Bryant High School, Bryant Career Tech Center, Faulkner Career Tech Center, and Williamson High School.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

17002G1001 ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

1 CREDIT

Architecture, Construction and Manufacturing is the foundation course for the Architecture and Construction career cluster. This course may be offered to students in grades 9-12; however, it is not required for entering a specific pathway. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blue print reading, basic rigging, and basic employability skills. **Grades: 10-12**

13207G1014 NCCER WELDING 1

1 CREDIT

This is the first of 4 required one-credit courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practice for use in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I credentialing and may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology area. **Grades: 10-12**

13207G1024 NCCER WELDING 2

1 CREDIT

This is the second of 4 required one-credit courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols and joint identification and print reading. Emphasis is placed on fundamental knowledge guided practice and NCCER Welding Level I requirements. **Prerequisite:** NCCER Welding 1 **Grades: 10-12**

13207G1034 NCCER WELDING 3

1 CREDIT

This is the third of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing. **Prerequisite:** NCCER Welding 2 **Grades: 10-12**

13207G1044 NCCER WELDING 4**1 CREDIT**

This is the fourth of 4 required one-credit courses in the Welding Technologies pathway. It is designed to provide students with additional practice, and skills development. Emphasis is placed on application and operation of shielded metal arc welding (SMAW) equipment and mastery in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing and AWS Plate certification. **Prerequisite:** NCCER Welding 3 **Grades: 10-12**

17017G1000 CTE LAB IN ARCHITECTURE AND CONSTRUCTION**1 CREDIT**

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Architecture and Construction through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

17047G1000 SENIOR CAREER PATHWAY PROJECT ARCHITECTURE & CONSTRUCTION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. **Grades: 10-12**

MANUFACTURING CLUSTER

The Manufacturing cluster provides the knowledge and skills to equip students for careers in industrial maintenance, manufacturing, electronics, precision machining, and robotics. These courses include significant technical depth and engineering concepts and terminology. Students gain knowledge and skills through an active, structured, and stimulating environment coordinated with simulated workplace learning experiences. They participate in SkillsUSA and can earn industry recognized credentials such as NCCER.

MANUFACTURING TECHNOLOGIES PROGRAM

Manufacturing Technologies is designed to prepare students for entry level positions in manufacturing. These Courses are built upon MSSC's curriculum which includes modular courses for: Safety, Quality Practices & Measurement, Manufacturing Production & Processes, Maintenance Awareness, and Green Production. *This program is offered at Citronelle Center for Advanced Technology.

17049G1000 SAFETY AND HEALTH REGULATIONS

1 CREDIT

In this one-credit hour course students gain valuable information that serves as a foundation to more specific, topic related information. Students learn the importance of governmental as well as industry regulations and the student's individual responsibilities to perform all activities from a safety perspective. Students identify common safety hazards found in the workplace and their role in minimizing and avoiding unsafe practices. Specific topic areas include flammable and combustible liquids, egress and fire protection, electrical safety, environmental control, machine guarding, tool safety, first aid, hazard communication, personal protective equipment, walking and working surfaces, and material handling and storage. **Grades: 10-12**

13002G1013 MANUFACTURING 1

1 CREDIT

This is the first of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of safety, tools, theory and practice for use in the manufacturing industry. Students are introduced to concepts describing manufacturing processes and production. This entry-level course is required for NCCER core credentialing and begins to prepare students for MSSC assessments for credentialing. **Grades: 10-12**

13002G1023 MANUFACTURING 2

1 CREDIT

This is the second of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to address many core requirements for MSSC credentialing and to provide students with fundamental knowledge and skills emphasizing quality practices and measurement common to the manufacturing industry. Students explore concepts of manufacturing processes and production. This course prepares students for MSSC Technician assessment and credentialing. **Prerequisite:** Manufacturing 1. **Grades: 10-12**

13002G1033 MANUFACTURING 3

1 CREDIT

This is the third of 3 required one-credit courses in the Manufacturing Technologies Pathway. It is designed to address many core requirements for MSSC credentialing and to provide students with fundamental knowledge and skills emphasizing maintenance awareness and practices common to the manufacturing systems. This course helps prepare students for MSSC Technician assessment and credentialing. **Prerequisite:** Manufacturing 2. **Grades: 10-12**

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS, CLUSTER

The Transportation, Distribution, and Logistics Cluster includes specialty program areas in Aviation, Power Equipment, Automotive Service, Collision Repair, and Diesel Technology. This cluster utilizes a variety of physical space to stimulate development of effective cognitive and psychomotor skills. Students experience a wide range of hands-on activities based on authentic representations of expectations found in the workplace. Theory and concepts are taught in proportion to the need for strong application opportunities with emphasis on timely learning experiences that facilitate the transition to skills attainment. Safety, proper tool use, and adherence to procedures are integral components for all student learning experiences. The curriculum is based on recognized industry and professional standards found in national organizations and federal regulations. Students participate in SkillsUSA and have the opportunity to earn ASE, Briggs and Stratton, and ICAR credentials.

AUTOMOTIVE SERVICES PROGRAM

This program is designed for students to gain knowledge and credentials for entry level employment or to continue their education through college. *This program is offered at the Bryant Career Technical Center and Faulkner Career Technical Center.

20104G1001 MAINTENANCE AND LIGHT REPAIR A

1 CREDIT

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine repair, automatic transmissions, and manual drive trains. **Grades: 10-12**

20104G1002 MAINTENANCE AND LIGHT REPAIR B

1 CREDIT

A one-credit course that provides students with foundational knowledge and skills relative to safety, suspension and steering, and brakes. **Grades: 10-12**

20104G1003 MAINTENANCE AND LIGHT REPAIR C

1 CREDIT

A one-credit course that provides students with foundational knowledge and skills relative to safety, brakes, and electrical/electronic systems. **Grades: 10-12**

20104G1004 MAINTENANCE AND LIGHT REPAIR D

1 CREDIT

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine performance, electrical/electronic systems, and heating and air conditioning **Grades: 10-12**

20997G1001 CTE LAB IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Transportation, Distribution & Logistics through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

COLLISION REPAIR PROGRAM

20116G1001 INTRODUCTION TO COLLISION REPAIR (FOUNDATION COURSE) 1 CREDIT

The Introduction to Collision Repair course prepares students with the foundational knowledge needed to be successful in more advanced collision repair training. This course provides students with foundational knowledge on collision repair principles and topics. This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. Special Note: This course is the pre-requisite to other collision and refinishing courses. Grades: 10-12

20117G1001 NON-STRUCTURAL TECHNICIAN A 1 CREDIT

The Non-Structural Technician A course prepares students with a working knowledge of hazardous materials, personal and refinish safety, plastic and composite repair, non-structural supplement, trim and hardware and movable glass. Non-Structural Technicians restore damaged exterior panels to their original integrity, function, and appearance. This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. **Grades: 10-12**

20117G1002 NON-STRUCTURAL TECHNICIAN B 1 CREDIT

The Non-Structural Technician A course prepares students with a working knowledge of. Non-Structural Technicians restore damaged exterior panels to their original integrity, function, and appearance. Topics included are bolted-on part replacement, lighting, starting, and charging systems for non-structural, automotive foams, and advanced high-strength steel overview. Vehicle Technology Trends This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. **Grades: 10-12**

20116G1002 REFINISHING TECHNICIAN A 1 CREDIT

The Refinishing Technician A course enables students to prepare and apply paint to repaired vehicles to restore vehicle appearance to pre-accident conditions. Topics include hazardous materials, personal safety, and refinish safety, trim and hardware, corrosion protection, vehicle technology trends. This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. This course should only be offered for collision repair programs not utilizing the non-structural courses. **Grades: 10-12**

20116G1003 REFINISHING TECHNICIAN B 1 CREDIT

The Refinishing Technician B course enables students to prepare and apply paint to repaired vehicles to restore vehicle appearance to pre-accident conditions. Topics include refinishing supplement, detailing, hazardous airborne pollutant reduction, and liquid and solid hazardous waste storage and disposal overview. This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. **Grades: 10-12**

20116G1004 REFINISHING TECHNICIAN C**1 CREDIT**

The Refinishing Technician C course enables students to prepare and apply paint to repaired vehicles to restore vehicle appearance to pre-accident conditions. Topics include refinishing supplement, damage analysis, estimating, and customer service. This course also prepares students to inspect, analyze and evaluate damaged vehicles to create a comprehensive and accurate damage report. This course aligns with I-CAR PDP EE curriculum. This course must follow the guidelines and standards set forth by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. **Grades: 10-12**

20997G1001 CTE LAB IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS**1 CREDIT**

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Transportation, Distribution & Logistics through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

POWER EQUIPMENT PROGRAM

This program is designed to prepare students for entry-level employment or advanced training in the power mechanics' field. Topics include career opportunities, safety, tools, hydraulics, pneumatics, drivetrains, control systems, starters, and preventive maintenance. *This program is offered at the Bryant Career Technical Center.

18449G1001 TWO- AND FOUR- STROKE ENGINES**1 CREDIT**

A one-credit course designed to prepare students for entry-level employment or advanced training in the power mechanics field. **Grades: 10-12**

18449G1002 POWER EQUIPMENT TECHNOLOGY**1 CREDIT**

A one-credit course designed to prepare students for entry-level employment or advanced training in the power mechanics field. Emphasis is placed on hydraulics, pneumatics, drive trains, control systems, starters, and preventive maintenance. **Grades: 10-12**

20110G1003 RESIDENTIAL AND COMMERCIAL POWER EQUIPMENT**1 CREDIT**

A one-credit course designed to prepare students for entry-level employment or advanced training in the power mechanics field including the study of lawn and garden chassis, chain saws, string trimmers, tillers, generators, pumps, pollution controls, and electrical systems and repair. **Grades: 10-12**

20997G1001 CTE LAB IN TRANSPORTATION, DISTRIBUTION, AND LOGISTICS**1 CREDIT**

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Transportation, Distribution & Logistics through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

HOSPITALITY AND TOURISM CLUSTER

In the Hospitality and Tourism Cluster, students participate in the Restaurant, Food, and Beverage Services Program. This program begins with the fundamentals and principles of the art of cooking, management, and production skills, and techniques. Students participate in FCCLA and can pursue industry certifications in ServSafe Manager and/or Certified Guest Service Professional while receiving hands-on knowledge and skills in a professional lab setting. The foundation course, Hospitality and Tourism, is the prerequisite course for entering any pathway within the cluster.

*Offered at Baker HS, Blount HS, Bryant HS, Citronelle HS, Davidson HS, Montgomery HS, Murphy HS, Vigor HS, and Williamson HS.

RESTAURANT, FOOD, AND BEVERAGE SERVICES

16001G1000 HOSPITALITY AND TOURISM (FOUNDATION COURSE)

1 CREDIT

Hospitality and Tourism is a one-credit course. This course is the prerequisite for all pathways included in the Hospitality and Tourism cluster. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. **Grades: 10-12**

16053G1012 CULINARY ARTS 1

1 CREDIT

Culinary I introduce students to basic food production, management, and service activities in both the back- and front-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

Prerequisite: Hospitality and Tourism **Grades: 10-12**

16053G1022 CULINARY ARTS 2

1 CREDIT

Culinary II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

Prerequisite: Hospitality and Tourism **Grades: 10-12**

16057G1000 EVENT PLANNING

1 CREDIT

This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make

decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.

Prerequisite: Hospitality and Tourism **Grades:** 10-12

19257G1000 LIFE CONNECTIONS

1 CREDIT

Life Connections focuses on practical problems related to nurturing human development throughout the life span and life cycle. Course content provides opportunities for students to explore basic needs of individuals regarding human growth and development; stages across the life span; career planning; dating and marriage; financial management; parenting decisions; relationship adjustments; middle-age, retirement issues, and intergenerational living; balancing work, family, and community responsibilities; improving the quality of life; community resources and services; technology; and careers related to families as they progress through the life cycle.

19254G1000 FOOD SAFETY AND MICROBIOLOGY

1 CREDIT

Food Safety and Microbiology is a specialized area of study focusing on pathogens and spoilage microorganisms in foods, the conditions under which they grow, and conditions under which they are commonly inactivated, killed, or made harmless; principles in food fermentation; the role of food immunology; effective sanitation practices to control pathogen and microbial growth in food; and microbial analysis to determine food quality. Students prepare for earning the industry credential ServSafe. *Course offered at Montgomery High School.

Prerequisite: Hospitality and Tourism **Grades:** 10-12

HUMAN SERVICES

The Human Services cluster prepares students for employment in career pathways that relate to families and human needs, such as family and community services, personal care, and consumer services. Program areas include but are not limited to Family Studies and Community Services; Cosmetology; and Fashion. Each course contains specific content standards indicating what students should know and be able to do upon completion of the course. Rigorous instruction is provided to equip students with knowledge and skills needed in preparation for credentials, articulation, and/or further education. Students participate in SkillsUSA and/or FCCLA and can earn credentials in ServSafe Manager and National Retail Federation. *Offered at Blount HS, Bryant Career Technical Center, Continuous Learning Center, Faulkner Career Technical Center, Evans Special School, and Semmes Middle School.

FAMILY STUDIES AND COMMUNITY SERVICE PROGRAM

The three clusters for Family and Consumer Sciences are: Hospitality and Tourism, Education and Training, and Human Services. Each cluster has a required foundation course. An integral part of the instructional program within the clusters is Family, Career and Community Leaders of America (FCCLA) and Skills USA for the Cosmetology Pathway. Students learn leadership skills, develop critical-thinking skills, and gain career preparation skills through participation in local, state and national programs such as community service and competitive events.

19251G1000 FAMILY AND CONSUMER SCIENCES (FOUNDATION COURSE)

1 CREDIT

This course is designed to assist students in recognizing the roles, responsibilities, and importance of the family. Course content provides opportunities for students to explore characteristics of strong families; family customs and traditions; healthy relationships, marriage readiness; parenting issues; consumer behavior; clothing, housing, and food needs throughout the life span; effects of technology on the family; and career options related to family and consumer sciences and human services. ***Offered at Augusta Evans Special School***

19252G1000 FOOD AND NUTRITION

1 CREDIT

Topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on USDA Dietary Guidelines, including the Food Guide Pyramid; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths. ***Offered at Augusta Evans Special School***

19257G1000 LIFE CONNECTIONS

1 CREDIT

Life Connections focuses on practical problems related to nurturing human development throughout the life span and life cycle. Course content provides opportunities for students to explore basic needs of individuals regarding human growth and development; stages across the life span; career planning; dating and marriage; financial management; parenting decisions; relationship adjustments; middle-age, retirement issues, and intergenerational living; balancing work, family, and community responsibilities; improving the quality of life; community resources and services; technology; and careers related to families as they progress through the life cycle.

COSMETOLOGY PROGRAM

The Cosmetology Program prepares students for employment in career pathways that relate to personal care services, such as cosmetology, barbering, esthetics, nail care, and natural hairstyling. Rigorous instruction is provided to equip students with knowledge and skills needed in preparation for credentials, articulation, and/or further education. Knowledge and skills are reinforced through participation in SkillsUSA. Students can earn industry-recognized credentials such as Natural Hair Styling Licensure and National Professional Certification. Special Note: Currently offered at Bryant CTC, Faulkner CTC and CLC.

19104G1000 INTRODUCTION TO COSMETOLOGY (FOUNDATION COURSE)

1 CREDIT

Introduction to Cosmetology provides students with a study of concepts related to the cosmetology profession. Specific topics include cosmetology history and opportunities, professional image, infection control, basic fundamentals, and principles of hair design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic procedures. Upon completion of this course, students must be 16 years of age to pursue additional Cosmetology courses. Introduction to Cosmetology is the prerequisite to all of the Cosmetology courses. **Grades: 10-12**

19103G1003 NATURAL HAIRSTYLING THEORY

1 CREDIT

Natural Hair Styling Theory is a one-credit course designed to provide instruction on scientific concepts and natural hair care and services. Theory scope of content includes infection control, safety practices, human anatomy and physiology, client consultation, analysis, documentation, services, and procedures.

Prerequisite: Introduction to Cosmetology **Grades: 10-12**

19148G1000 NATURAL HAIRSTYLING PRACTICUM

1 CREDIT

Natural Hair Styling Practicum is a one-credit course designed to provide instruction on natural hair care services and techniques for styling and grooming natural hair. Core domain service areas include work area and client preparation, set-up of supplies, safe work practices, procedures related to services and design, and blood exposure procedure.

Prerequisite: Introduction to Cosmetology **Grades: 10-12**

19107G1003 SALON PRACTICES AND MANAGEMENT

1 CREDIT

This course enables students to develop entry-level management skills for the cosmetology industry. Students practice all phases of cosmetology in a salon setting. Upon successful completion of this course, students are able to demonstrate professional work ethics and communication skills, job-seeking and management skills, and exhibit knowledge of the technology used in salons. **Prerequisite:** Introduction to Cosmetology. Student must be at least age 16.

Prerequisite: Introduction to Cosmetology **Grades: 10-12**

19149G1000 STATE BOARD PRACTICUM

1 CREDIT

This is a culminating course that provides students with a comprehensive study of State Board procedures and practical applications in cosmetology and nail care. Upon successful completion of this course, students are able to demonstrate practical skills necessary for meeting state licensure requirements and for successful employment.

Prerequisite: Introduction to Cosmetology and courses as determined by licensure the student is pursuing and student must be at least age 16. **Prerequisite:** Introduction to Cosmetology **Grades: 10-12**

FASHION PROGRAM

This program is for students who are interested in pursuing careers in the fashion and retail industry. Courses provide students with knowledge of fashion, fashion design, apparel and textile design technology, and fashion business operations, media, and merchandising. Students can earn credentials from ServSafe Manager and National Retail Federation. ***Special Note:** Currently offered at Blount High School.

05190G1001 FASHION

1 CREDIT

The course introduces students to the selection and care of clothing and accessories for individuals and families. Course content provides opportunities for students to explore factors that influence apparel choice, apparel history, current fashion trends, proper care and maintenance of apparel, laws and legislation regarding the apparel industry, apparel design, apparel repair and construction, wardrobe planning, technology in the apparel and textiles industry, and career options in the apparel and textile industries. **Grades: 10-12**

05190G1002 FASHION DESIGN

1 CREDIT

The course is for students interested in fashion, fashion design, and apparel and textile design technology. Course content provides opportunities for students to explore historic costumes, research current fashion styles and trends, analyze fibers and textiles, design clothing and accessories, utilize technology in fashion design, and explore career options in the apparel and textiles industry. **Grades: 10-12**

12153G1001 FASHION MERCHANDISING

1 CREDIT

The course is for students who are interested in the fashion and retail industry. Course content provides opportunities for students to explore factors related to the retail industry, examine structure and organization of fashion business operations, study merchandising techniques, utilize technology in fashion merchandising, and explore career options in the apparel and textiles industry. **Grades: 10-12**

16057G1000 EVENT PLANNING

1 CREDIT

This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.

EDUCATION AND TRAINING CLUSTER

The Education and Training Cluster prepares high school students for careers in the education and training field in three pathway areas: Administration and Professional Support Services, Early Childhood Education, and Teaching and Training. Credentialing opportunities and articulation of courses with post-secondary institutions help provide the basis for identifying courses and course content for each pathway. Each course contains specific content standards indicating what students should know and be able to do upon completion of the course. Students participate in FCCLA. *Special Note: Offered at Baker HS and Faulkner Career Tech Center..

***Special Note:** Offered at Baker HS and Faulkner Career Tech Center.

19151G1000 EDUCATION AND TRAINING 1 CREDIT

Education and Training is a one-credit course. This course is the prerequisite for all pathways included in the Education and Training cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course. **Grades: 10-12**

19153G1012 EARLY CHILDHOOD EDUCATION 1 1 CREDIT

This course is designed to help students learn ways to direct and operate an early childhood education program. Major topics are organizational structure; personnel policies, rules, and regulations; liability issues; principles of human growth and development; human development theories; observation techniques; interpersonal skills for promoting positive and productive relationships with children and their families; developmentally appropriate activities; individual and group activities; organization of teaching materials and supplies; learning activity centers; lesson plans; smooth transitions between routines and activities; teaching aides; operating equipment; play and recreational activities; dietary needs of children; preparation of snacks and meals; child health and safety; parental involvement; community resources; technology and careers. **Prerequisite:** Education and Training **Grades: 10-12**

19153G1022 EARLY CHILDHOOD EDUCATION 2 1 CREDIT

This course provides students with advanced knowledge and skills used in the field of education. Major topics are the impact of caregivers on the development of children, personnel tasks and responsibilities, legal issues and liability, licensure standards, policies for providing early childhood education programs, physical facility layout, management systems, facility maintenance, scheduling, child growth and development theories, brain research, risk management, factors contributing to at-risk children, observation records, guidance techniques, curriculum development, age-appropriate learning activities, children with exceptionalities, motivational techniques, special events and field trips, recreational activities, dietary needs of children, food choices, professionalism, health screening and health assessment, emergency evacuation procedures, rules and regulations, technology, and careers.

Prerequisite: Early Childhood Education **Grades: 10-12**

19152G1012 TEACHING 1 1 CREDIT

Teaching I is a one-credit course that helps students implement the teaching and learning processes. Major topics are teaching and learning theories, curriculum, lesson plans, budget preparation, legal aspects, testing, grading, community resources, partnerships, etc. The required school-based laboratory is essential to help students develop skills in teaching. **Prerequisite:** Education and Training **Grades: 10-12**

19152G1022 TEACHING 2**1 CREDIT**

Teaching II is a one-credit course. Content provides students with advanced knowledge and skills used in the education fields along with classroom management strategies. Concepts of legal aspects of education, instructional resources, motivation, types of assessments, positive learning environments, and lesson planning and teaching for various areas and grades. Observational experiences are a required component of this course.

Prerequisite: Education and Training and Teaching 1 **Grades: 10-12**

19198G1000 EDUCATION AND TRAINING INTERNSHIP**1 CREDIT**

This internship course is for students who are interested in pursuing careers in the education field. The internship allows students to spend time in a classroom or school setting on a regular basis with a teacher within the school system who teaches the subject-matter area of interest to the student intern, a staff member in the appropriate professional support services area, or a principal or vice-principal. This course provides students with a context in which they can make a personal assessment of their commitment to pursue a teaching, professional support services, or educational leadership career. The school-based laboratory for the internship is an actual classroom or school that provides instruction in the subject-matter area or career area related to the student's interest.

Prerequisite: Early Childhood Education 2 **Grades: 10-12**

CAREER PREPAREDNESS

MRS. JUANITA VEAL, SUPERVISOR
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22153G1000 CAREER PREPAREDNESS

1 CREDIT

A one-credit course that is taught in grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience. (It does not count toward pathway completion.) **CAREER PREPAREDNESS IS REQUIRED FOR GRADUATION.**

ARTS, A/V TECHNOLOGY, COMMUNICATIONS, AND PRINTING TECHNOLOGY

GRAPHIC ARTS PROGRAM

(Must teach three courses from this program list within Two Years)

Graphic Arts (Printing) provide students with information regarding safety, image preparation, press operations, and finishing operations in a laboratory setting. Students learn skills enabling them to enter specialized advanced graphic arts courses. These include Digital File Preparation; Advanced Digital File Preparation; Camera, Image Assembly, and Plate Making; Offset Press Operations; and Binding and Finishing.

11155G1000 INTRODUCTION TO GRAPHIC ARTS

1 CREDIT

Introduction to Graphic Arts is a one-credit course. Students become aware of safety considerations, image preparation, press operations, and finishing operations in a laboratory setting. Mathematics skills are evaluated and reinforced as needed. Upon successful completion of the course, students exhibit skills enabling them to enter specialized advanced graphic art courses. This course is the prerequisite course for Digital File Preparation; Advanced Digital File Preparation; Camera, Image Assembly, and Plate Making; Offset Press Operations; and Binding and Finishing.

Grades: 10-12

11153G1012 DIGITAL FILE PREPARATION

1 CREDIT

Digital File Preparation is a one-credit course providing practical application of skills in desktop publishing, page layout, and graphics. Upon completion of this course, students are able to prepare layouts for newsletters and other publications, solve related problems using appropriate mathematical skills, and are proficient in the manipulation of text and graphics to meet the standards of the graphic arts industry.

Prerequisite: Introduction to Graphic Arts

Grades: 10-12

11153G1022 ADVANCED DIGITAL FILE PREPARATION AND OUTPUT

1 CREDIT

Advanced Digital File Preparation and Output is a one-credit course that provides students with industry-focused laboratory experiences. Emphasis is placed on digital photography and imaging, file storage and transfer, and

computer-to-plate operations. Upon completion of the course, students are able to create logo designs; digital page layouts; and multiple-page jobs with pagination, folds, and guides.

Prerequisite: Digital File Preparation **Grades: 10-12**

11157G1000 CAMERA, IMAGE ASSEMBLY AND PLATEMAKING 1 CREDIT

Camera, Image Assembly and Platemaking is a one-credit course designed to prepare students to become proficient in prepress skills. Emphasis is placed on camera operations to produce quality negatives, halftones flats, and plates using appropriate chemicals and equipment. Chemistry and mathematical skills are applied to solve related problems.

Prerequisite: Advanced Digital File Preparation **Grades: 10-12**

11158G1000 OFFSET PRESS OPERATIONS 1 CREDIT

Offset Press Operations is a one-credit course that offers practical experience in offset printing. Training includes safe operation and maintenances of equipment following instructions and specifications, make-ready process, and production of quality printed products. Students demonstrate problem-solving skills and become proficient in related mathematics and chemistry. **Prerequisite:** Introduction to Graphic Arts **Grades: 10-12**

11159G1000 BINDING AND FINISHING 1 CREDIT

Binding and Finishing is a one-credit course that offers students training in post-press finishing and binding operations. Students learn safe operation of equipment and proper techniques in paper cutting, folding, perforating, stitching, binding, drilling, and use of various finishing equipment. Students demonstrate problem-solving skills and become proficient in related mathematics. **Grades: 10-12**

11197G1002 CTE LAB IN ARTS, AV TELEVISION, & COMMUNICATION 1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 9-12**

11197G1001 SENIOR CAREER PATHWAY PROJECT- ARTS, A/V & COMMUNICATION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Grades: 11-12

ADVERTISING DESIGN PROGRAM

(Must teach three courses from this program list within two years)

Advertising Design provides students with orientation experiences and laboratory safety for working in an advertising design studio environment. Topics of study include art history, art production, art criticism, design elements and principles, and materials and media utilized in the field of visual communication. Particular emphasis is placed on related academic skills. Instruction also includes information regarding various computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and technology in the workplace.

11051G1001 INTRODUCTION TO ADVERTISING DESIGN 1 CREDIT

A one-credit course that provides students with instruction and experiences in an advertising design laboratory and studio environment. **Special Note:** Course offered at Faulkner CTC **Grade 9-12**

12165G1012 DIGITAL DESIGN 1 CREDIT

Digital Design is a one-credit course designed for students who have successfully completed the Introduction to Advertising Design course or have completed one credit in Visual Arts. Digital Design provides students with hands-on experiences addressing a variety of components of information design. Instruction includes information regarding various computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and technology in the workplace. Skills gained in this course prepare students for the Graphic Illustration course, the next level of study in the Advertising Design program.

Prerequisite: Introduction to Advertising Design **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

12165G1022 GRAPHIC ILLUSTRATION 1 CREDIT

Graphic Illustration is a one-credit course that provides students with experiences and instruction in object and information design. Students apply the elements of design and sharpen visual communication skills. They design projects, allowing them to manipulate graphic applications and demonstrate mastery of these skills. Topics of study include interior design, fashion illustrations, computer and hand drawings, exploration of software, package design, typography, and digital photography. Skills developed in these areas prepare students for the final course in the sequence, Studio and Portfolio. **Prerequisite:** Digital Design **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

12165G1001 STUDIO AND PORTFOLIO 1 CREDIT

Studio and Portfolio is a one-credit course that provides students with the opportunity to create a wide variety of art projects utilizing traditional and electronic portfolio presentations. Instruction allows students to focus on safety, studio projects, portfolio organization, and exhibitions in environment design. Students plan and execute a public showing of their portfolios, which involves preparing their work for presentation; selecting a date from a given timeline to exhibit, design, print, and mail invitations; and preparing a reception. They are encouraged to participate in a variety of local, state, and national contests and scholarship and volunteer programs that will enhance their portfolios and broaden their experiences. This course prepares students for postsecondary education and entry-level positions in the area of advertising design. **Prerequisite:** Introduction to Advertising Design AND Digital Design AND Graphic Illustration **Special Note:** Course offered at Faulkner CTC **Grades: 10-12**

11197G1001 SENIOR CAREER PATHWAY PROJECT- ARTS, A/V, & COMMUNICATION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Special Note: Course offered at Faulkner CTC. **Grades: 11-12**

11197G1002 CTE LAB IN ARTS, A/V TELEVISION, & COMMUNICATION 1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Special Note:** Course offered at Faulkner CTC. **Grades: 9-12**

COMMERCIAL PHOTOGRAPHY PROGRAM

11052G1012 INTRODUCTION TO COMMERCIAL PHOTOGRAPHY 1 CREDIT

Introduction to Commercial Photography is a one-credit course that provides students with the opportunity to experience practical training in current and emerging photographic technology. The curriculum is based on industry standards designed to provide specialized skills and technical knowledge relevant to photography. Students focus on the basics in camera, film development, darkroom procedures, safety, history, and composition principles. This course is the prerequisite for Medium Format Photography and Large Format Photography.

Special Note: Course offered at LeFlore **Grades: 9-12**

11052G1022 MEDIUM FORMAT PHOTOGRAPHY 1 CREDIT

Medium Format Photography is a one-credit course designed to provide students with skills in studio techniques, photographic theory, medium format, and digital imaging. This course emphasizes portfolio development for students to apply for employment, scholarships, and college admissions. Prerequisite: Introduction to Commercial Photography.

Prerequisite: Introduction to Commercial Photography **Special Note:** Course offered at LeFlore **Grades: 10-12**

11052G1001 LARGE FORMAT PHOTOGRAPHY 1 CREDIT

Large Format Photography is a one-credit course that provides students with the skills needed to effectively organize, develop, create, and manage a business. This course focuses on broad, transferable skills and strategies for commercial photography, including studio operation, leadership, training, and advanced operation in large digital photography.

Prerequisite: Introduction to Commercial Photography **Special Note:** Course offered at LeFlore **Grades: 10-12**

11197G1002 CTE LAB IN ARTS, A/V TELEVISION, & COMMUNICATION 1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Arts, AV Television, and Communication through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Special Note:** Course offered at Faulkner CTC. **Grades: 9-12**

11197G1001 SENIOR CAREER PATHWAY PROJECT- ARTS, A/V, & COMMUNICATION 1 CREDIT

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Special Note: Course offered at Faulkner CTC. **Grades: 11-12**

BUSINESS MANAGEMENT AND ADMINISTRATION (BMA) CLUSTER

The mission of the BMA Cluster is to provide students with the knowledge and skills necessary for economic success in the twenty-first century. This dynamic and challenging program prepares students for the accelerated changes taking place in the competitive business world.

The opportunities available to students in Commerce are centered on four clusters:

1. Business, Management and Administration
2. Finance
3. Marketing
4. Business Middle School

Commerce student organizations (FBLA – Future Business Leaders of America, DECA and SkillsUSA) are an integral part of classroom instruction. These co-curricular organizations provide students with opportunities to develop leadership skills through activities that are member-planned, member-directed, and member-centered. Participation in student organizations enables students to develop skills and competence for business/marketing careers, to build self-esteem, to experience leadership, and to practice community service.

BUSINESS, MANAGEMENT, AND ADMINISTRATION PROGRAM

The Business, Management and Administration cluster prepares students with the fundamental knowledge and skills for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Instruction is flexible and focuses on quality performance in the skill areas of organization, time management, customer service and communication. In addition, students learn ways in which technology, globalization and regulatory issues affect the day-to-day operation of businesses.

12002G1001 BUSINESS TECHNOLOGY APPLICATIONS

1 CREDIT

This course is designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for applications of knowledge and skills **Grades: 9-12**

12003G1000 ADVANCED BUSINESS TECHNOLOGY APPLICATIONS

1 CREDIT

This course is designed to provide students with the project-based applications of concepts learned in Business Technology Applications or Business Essentials. Personal computing and business skills are integrated throughout the course students use a variety of software applications to produce and prepare documents for publication and learn how to select appropriate software for generating information.

Prerequisite: Business Technology Applications **Grades: 10-12**

12002G1002 BUSINESS ESSENTIALS

1 CREDIT

This course is designed for students to develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers. Students examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources are managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. **Grades: 9-12**

12051G1000 FOUNDATIONS OF BUSINESS LEADERSHIP**1 CREDIT**

Foundations of Business Leadership is a one-credit course. Students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in any career. Students examine leadership and management materials to determine impact on business and industry and legal and ethical behavior, determine how resources are managed to achieve company goals, and identify employability and essential skills needed to obtain a career and be successful in the workplace. **Grade: 10-12**

15057G1002 LAW IN SOCIETY**1 CREDIT**

This course is designed to acquaint students with the basic legal principles common to business and personal activities. This course is an overview of criminal, civil, contract, and consumer law. Topics include evaluating contracts, purchasing appropriate insurance, interpreting state and federal criminal law, and representing other businesses as employee or contractor. **Grades: 10-12**

12055G1000 MANAGEMENT PRINCIPLES**1 CREDIT**

A one-credit course designed to provide students with an understanding of the organizational functions of businesses, including quality concepts, project management, and problem solving. Specific content standards to be included in each of the courses are indicated in the Course of Study chart. **Grades: 10-12**

12008G1001 MULTIMEDIA DESIGN**1 CREDIT**

This course is designed to provide students with hands-on skills involving graphic design, digital photography, Web publishing, and digital video production. Students use various hardware peripherals and software for completing documents. **Grades: 10-12**

12008G1002 MULTIMEDIA PUBLICATIONS**1 CREDIT**

A one-credit course designed to provide students with the ability to utilize digital equipment and multimedia digital imaging software, produce interactive media projects, and develop publication layouts. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications. **Grades: 10-12**

FINANCE PROGRAM

Courses in the Finance cluster include specific content standards that tell what students should know and be able to do at the end of each course. Students who are likely to be successful in careers in the Finance cluster are those who tend to be focused, analytical and methodical, and who can be trusted with confidential information.

19262G1001 PERSONAL FINANCE

1 CREDIT

A one credit course designed to introduce students to the management of personal and family resources to achieve personal goals and financial literacy. **Grades: 9-12**

12002G1001 BUSINESS TECHNOLOGY APPLICATIONS

1 CREDIT

This course is designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for applications of knowledge and skills **Grades: 9-12**

12007G1000 BUSINESS FINANCE

1 CREDIT

A one credit course designed to provide students with an overview of the principles of business finance. The curriculum focuses on economics, marketing, accounting procedures, and the global financial market. Specific content standards to be included in each of the courses are indicated in the Course of Study chart. **Grades: 9-12**

12102G1000 BANKING AND FINANCIAL SERVICES

1 CREDIT

This course is designed to help students develop skills related to banking and related services as they process customer transactions, maintain cash drawer, process documents, and respond to customer requests to provide other customer services. Students employ technical skills to perform data processing functions as well as to perform new account functions. Applicable skills are utilized by practicing lending functions, including aiding the customer in determining the best loan alternative, processing the customer's application to include appropriate information, and processing the loan to complete transactions. **Grades: 10-12**

12104G1012 ACCOUNTING

1 CREDIT

This course is designed to help students understand the basic principles of the accounting cycle. This course provides a comprehensive introduction to basic financial accounting, including analyzing and recording business transactions, preparing and interpreting financial statements, demonstrating generally accepted accounting principles, and performing banking and payroll activities. **Grades: 10-12**

12104G1022 ADVANCED ACCOUNTING

1 CREDIT

This course is designed to provide students with an increased emphasis on accounting principles and techniques for solving business problems and making financial decisions. This course includes adjusting inventory control systems; applying accounting procedures for revenues, expenses, and loans; and enhancing accounting skills.

Prerequisite: Accounting **Grades: 10-12**

12103G1000 FINANCIAL MANAGEMENT

1 CREDIT

This course is designed to provide students with an overview of financial and investment planning procedures. Students interpret financial data to develop short- and long-term budgetary plans, produce accurate reports, and make informed business decisions. Students develop product knowledge related to financial and investment planning by examining

characteristics for distinguishing among stocks, bonds, and commodities and between insurance and annuity products.
Grades: 10-12

12106G1000 INSURANCE SERVICES

1 CREDIT

This course is designed to help students develop skills related to insurance services, including life, health, and property insurance, as they gain product knowledge of the industry. Students distinguish between policy types and coverage and create and complete insurance-related documents to process information. **Grades: 9-12**

12147G1001 SENIOR CAREER PATHWAY PROJECT-FINANCE

1 CREDIT

This course is designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. **Grades: 10-12**

12147G1002 CTE LAB IN FINANCE

1 CREDIT

This course is an extended laboratory experience to address the advancement and specialization of careers within Finance through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 10-12**

MARKETING PROGRAM

The Marketing cluster prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives. For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

12002G1001 BUSINESS TECHNOLOGY APPLICATIONS

1 CREDIT

This course is designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications. Simulations and projects promoting teamwork, leadership, and workplace skills offer further opportunities for applications of knowledge and skills **Grades: 9-12**

12053G1000 ENTREPRENEURSHIP

1 CREDIT

A one-credit course designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. **Grades 10-12**

12002G1002 BUSINESS ESSENTIALS

1 CREDIT

This course is designed for students to develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers. Students examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources are managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. **Grades: 9-12**

12162G1000 INTERNET MARKETING**1 CREDIT**

Internet Marketing is a one-credit course which focuses on applying tools, strategies and processes to communicate digitally with targeted customers. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video/images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. They will also create and repurpose content for use in digital environments. Technology, employability skills, leadership and communications will be incorporated in classroom activities. **Grades: 10-12**

12163G1001 SPORTS AND ENTERTAINMENT MARKETING FUNDAMENTALS**1 CREDIT**

Sports and Entertainment Marketing is a one-credit specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment Marketing includes events such as fairs, concerts trade shows, festivals, plays, product launches, and causes. Students will develop skills in the areas of merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. Students will foster a realistic understanding of the business environment in which marketing activities are performed and develop an understanding and appreciation of business ethics. Technology, employability skills, leadership and communications will be incorporated into classroom activities. **Grades: 10-12**

12167G1001 COMMERCE COMMUNICATION**1 CREDIT**

A one-credit course that deals with the operation and management of advertising and promotion functions in marketing. The prerequisite for this course is Business Essentials or Business Technology Applications. Specific content standards to be included in each course are indicated in the Course of Study chart. **Grades: 10-12**

12164G1001 MARKETING PRINCIPLES**1 CREDIT**

This course is designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling. Students examine the need for sales and marketing strategies. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace. **Grades: 10-12**

12152G1000 SALES AND PROMOTION PLANNING**1 CREDIT**

This course provides the tools necessary for the development, implementation, and management of promotional programs. The focus of this course is on utilizing promotional knowledge and skills for communicating information to achieve a desired outcome. Students develop skills related to advertising, publicity, special events, visual merchandising, displays, promotional campaigns, and advertisements to aid in promotional planning. They learn to manage the sales function to determine client needs and wants and to respond through planned, personalized communication. **Grades: 10-12**

12164G1003 INTEGRATED MARKETING COMMUNICATIONS AND BRANDING**1 CREDIT**

Integrated Marketing Communications and Branding is a one-credit course where students create, execute, and evaluate promotional strategies and content for advertising, sales promotion, and publicity/public relations. Students apply project management techniques to guide and control promotional campaign development and execution. They also incorporate motivation theories, branding techniques and design principles in communications with targeted audiences. They will plan and implement procedures to use marketing communications that mitigate image or brand-damaging issues. Technology, employability skills, leadership and communications will be incorporated in classroom activities. **Grades: 10-12**

12163G1002 ADVANCED SPORTS AND ENTERTAINMENT MARKETING**1 CREDIT**

Advanced Sports and Entertainment Marketing is a one-credit specialized course designed to help students gain knowledge and develop skills in determining the economic impact of sports and entertainment events, price setting, research, marketing, positioning, product/service management, and promotion and sales strategies. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Sports and Entertainment Marketing is a required prerequisite for this course. **Grades: 10-12**

12197G1001 SENIOR CAREER PATHWAY PROJECT-MARKETING**1 CREDIT**

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience. **Grades: 10-12**

12197G1002 CTE LAB IN MARKETING**1 CREDIT**

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Marketing through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Grades: 9-12**

INFORMATION TECHNOLOGY CLUSTER

NETWORK SYSTEMS AND COMPUTER SERVICES PROGRAM

The Information Technology cluster prepares learners with essential knowledge and skills for pursuing careers in Database Design; Network Systems and Computer Services; and Programming and Software Development. Rigorous instruction is provided to equip learners with knowledge and skills for college and career readiness. For students entering the Business Information Technology pathway, Business Technology Applications is a prerequisite.

10001G1000 INFORMATION TECHNOLOGY FUNDAMENTALS**1 CREDIT**

Information Technology introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and demonstrate knowledge of the functions of information systems in business. Emphasis is placed on maintaining a safe working environment and on building interpersonal skills needed for working in the information technology environment. Students demonstrate appropriate knowledge and behaviors of legal responsibilities by information technology professionals. Students explore a variety of information technology career opportunities and develop a personal career plan to meet their career goals and objectives.

Foundations. **Special Note:** Course offered at Faulkner CTC **Grades: 9-12**

10102G1002 INFORMATION TECHNOLOGY SUPPORT AND SERVICES**1 CREDIT**

This course is designed to provide students with knowledge of computer hardware, operating systems, and computer software applications. This course provides students with additional skills necessary to effectively plan, develop, and administer both a local area network (LAN) and a wide area network (WAN). **Special Note:** Course offered at Faulkner CTC **Grades: 9-12**

10111G1000 COMPUTER MANAGEMENT AND SUPPORT**1 CREDIT**

Computer Management and Support is designed to provide students with skills necessary to manage a stand-alone computer on a home network. Topics in this course include computer hardware, computer operating systems, network architecture, network protocols, career opportunities, and network design and security. **Special Note:** Course offered at Faulkner CTC **Grades: 9-12**

10157E1000 COMPUTER SCIENCE A, ADVANCED PLACEMENT (AP)**1 CREDIT**

A one-credit college-level course following the curriculum established by the College Board Advanced Placement (AP-Program) for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development. **Grades: 9-12**

10019E1000 COMPUTER SCIENCE PRINCIPLES, ADVANCED PLACEMENT (AP)**1 CREDIT**

A one-credit designed to introduce students to the central ideas of computing and computer science. The course content is focused on creativity, abstraction, algorithms, programming, Internet/networking, and societal impact. **Grades: 10-12**

10101G1014 NETWORKING I**1 CREDIT**

Networking I is a one-credit course designed to provide students with skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. This course includes a strong emphasis on proper safety practices and industry ethics. **Special Note:** Course offered at Faulkner CTC

Prerequisite: Information Technology Fundamentals **Grades: 10-12**

10101G1024 NETWORKING II**1 CREDIT**

Networking II is a one-credit course designed to provide students with skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. This course includes a strong emphasis on proper safety practices and industry ethics.

Special Note: Course offered at Faulkner CTC **Prerequisite:** Networking I **Grades: 10-12**

10102G1034 NETWORKING III**1 CREDIT**

Networking III is a one-credit course designed to provide students with skills needed to perform routing and switching in an enterprise network. Students configure a switch with virtual local area networks (VLANs) and inter-switch communication. Students perform troubleshooting using a structured methodology.

Special Note: Course offered at Faulkner CTC **Prerequisite:** Networking II **Grades: 10-12**

10102G1044 NETWORKING IV**1 CREDIT**

Networking IV is a one-credit course designed to provide students with skills needed to design and support computer networks. Students learn the technical skills and soft skills needed to succeed in entry-level networking professions.

Special Note: Course offered at Faulkner CTC **Prerequisite:** Networking III **Grades: 10-12**

10154G1000 SOFTWARE DEVELOPMENT**1 CREDIT**

Software Development is designed to provide students with an introduction to the C++ programming language, structured elements of C++, classes, data, abstractions, inheritance, polymorphism, storage management, and a C++ programming environment. Simple programming exercises will reinforce the theory and stimulate understanding.

Prerequisite: It is recommended that Information Technology Fundamental be taken prior to this course. **Grades: 10-12**

10155G1000 JAVA PROGRAMMING**1 CREDIT**

Java Programming is a one-credit course designed to provide students with a conceptual understanding of object-oriented programming. Students learn to use Java language's object-oriented technologies to solve business problems. Topics also include language fundamentals and the Java language application programming interface (API). Students create classes, objects, and applications using Java language. **Grades: 10-12**

11999C1012 INTRODUCTION TO GAME DESIGN I**1 CREDIT**

This course is designed to give students ample lab time to work with pipefitting hand tools and pipefitting power tools with emphasis placed on safety with these tools. Students will also be instructed in the correct use of oxyfuel cutting equipment. 2-1 ratio 50-minute hours. **Special Note:** Offered At Vigor High School **Grades: 10-12**

11999C1013 INTRODUCTION TO COMPUTER PROGRAMMING FOR 3D**1 CREDIT**

This course is designed to introduce students to piping systems, drawings and details. It also places emphasis on math skills needed for entry level pipefitting craft. 2-1 ratio 50-minute hours.

Special Note: Offered At Vigor High School **Grades: 10-12**

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY CLUSTER

LAW ENFORCEMENT SERVICES PROGRAM

This program is for students who are interested in pursuing careers in law enforcement and forensic science. The student will learn the role and responsibilities of a law enforcement officer; discuss relevant rules, regulations, and laws; and demonstrate defensive tactics, police patrol techniques, and CPR and First Aid procedures as used in emergency situations. Meeting and maintaining physical fitness standards for law enforcement is also emphasized in this course. The courses also focus on career opportunities, safety, history of forensic science, criminal investigation, forensic serology and DNA testing, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination.

15001G1000 INTRODUCTION TO PUBLIC SAFETY**1 CREDIT**

Introduction to Public Safety is a foundational course that helps students develop the knowledge and skills necessary for success and advancement in specialized preparatory programs for public service jobs. The course emphasizes emergency preparedness, basic first aid, fire management services, legal services, and corrections and law enforcement services. FEMA Independent Study Courses 100, 200, 700, and 800, which are included in this course, are prerequisites for Hazardous Materials and Weapons of Mass Destruction CRI (NFPA 1072).

Special Note: OFFERED AT LEFLORE HIGH SCHOOL **Grades: 9-12**

15054G1001 LAW ENFORCEMENT AND CORRECTIONS**1 CREDIT**

Law Enforcement and Corrections is designed to align with the curriculum that many law enforcement academies require and is intended for students who may be interested in pursuing a career in this field. Law Enforcement and Corrections provides an overview of the history, organization, and functions of local, state, and federal law enforcement agencies. Students will examine the role of constitutional law at local, state, and federal levels; the United States legal system; criminal law; law enforcement terminology and procedures; and the classification and elements of crime according to the Criminal Code of Alabama. **Special Note:** OFFERED AT LEFLORE HIGH SCHOOL. **Grades: 9-12**

15054G1000 ADVANCED LAW ENFORCEMENT**1 CREDIT**

In Advanced Law Enforcement, students prepare for enrollment in police academy and for the certification required for employment as a law enforcement officer. The student will learn the roles and responsibilities of law enforcement officers in a variety of settings; discuss relevant rules, regulations, and laws; demonstrate patrol, communication, and advanced police techniques; and demonstrate CPR and first aid procedures as used in emergency situations.

Special Note: OFFERED AT LEFLORE HIGH SCHOOL. **Grades: 9-12**

15055G1000 FORENSIC SCIENCE & CRIME SCENE INVESTIGATION**1 CREDIT**

Forensic Science and Crime Scene Investigation teaches students to apply chemistry, physics, and biology to a suspect, a criminal act or behavior, or a victim. This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence. **Special Note:** OFFERED AT LEFLORE HIGH SCHOOL. **Grades: 9-12**

15997G1002 CTE LAB IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY**1 CREDIT**

This course is an extended laboratory experience to address the advancement and specialization of careers within Law, Public Safety, Corrections, & Security through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **Special Note:** OFFERED AT LEFLORE HIGH SCHOOL. **Grades: 9-12**

15997G1001 CAREER PATHWAY PROJECT IN LPSCS**1 CREDIT**

Career Pathway Project (CPP) for Law, Public Safety, Corrections, and Security is a capstone course designed for students who have completed two or more career and technical education courses in a particular cluster. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and engage in an in-depth exploration of the area while demonstrating problem-solving, decision-making, and independent learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education. **Special Note:** OFFERED AT LEFLORE HIGH SCHOOL. **Grades: 9-12**

LEGAL SERVICES PROGRAM

This program provides students with knowledge and skills needed for legal service and criminal justice careers. Courses are designed to develop workplace readiness skills in this area of study, including ethics and professionalism, constitutional and criminal laws, the court system, trial processes, juvenile justice and correctional systems, and human diversity. Students learn fundamental aspects of career opportunities, history and development of law, sources of law in society, civil law, criminal law and procedure, ethics and the justice system, reasoning skills, trial procedures, and communication and research skills.

15001G1000 INTRODUCTION TO PUBLIC SAFETY**1 CREDIT**

Introduction to Public Safety is a foundational course that helps students develop the knowledge and skills necessary for success and advancement in specialized preparatory programs for public service jobs. The course emphasizes emergency preparedness, basic first aid, fire management services, legal services, and corrections and law enforcement services. FEMA Independent Study Courses 100, 200, 700, and 800, which are included in this course, are

prerequisites for Hazardous Materials and Weapons of Mass Destruction CRI (NFPA 1072).

15057G1001 FUNDAMENTALS OF LEGAL SERVICES

1 CREDIT

Fundamentals of Legal Services is designed to develop workplace-readiness skills in the legal field. Students can develop necessary skills to become legal assistants and/or paralegals in law firms; private, corporate, or governmental agencies; or judiciary offices. This course calls upon students to demonstrate reasoning and communication skills, develop research skills, become familiar with office procedures, and engage in additional study of ethics and the justice system.

Special Note: OFFERED AT LEFLORE HIGH SCHOOL.

Grades: 9-12

15999C1001 INTRODUCTIONS TO CRIMINAL JUSTICE

1 CREDIT

This course surveys the entire criminal justice process from law enforcement to the administration of justice through corrections. It discusses the history and philosophy of the system and introduces various career opportunities.

PREREQUISITE: As required by program. **Special Note:** OFFERED AT LEFLORE HIGH SCHOOL.

Grades: 9-12

15999C1018 INTRODUCTION TO LAW & AMERICAN LEGAL SYSTEM

1 CREDIT

This course requires the student to apply research, analysis, and writing techniques to substantive legal issues. Assignments include preparation of legal memoranda and other documents and the more efficient use of electronic research methods. PREREQUISITE: As required by program.

Special Note: OFFERED AT LEFLORE HIGH SCHOOL.

Grades: 9-12

15997G1002 CTE LAB IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

1 CREDIT

This course is an extended laboratory experience to address the advancement and specialization of careers within Law, Public Safety, Corrections, & Security through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

Special Note: OFFERED AT LEFLORE HIGH SCHOOL.

Grades: 9-12

15997G1001

1 CREDIT

CAREER PATHWAY PROJECT IN PROJECT IN LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Career Pathway Project (CPP) for Law, Public Safety, Corrections, and Security is a capstone course designed for students who have completed two or more career and technical education courses in a law cluster. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and engage in an in-depth exploration of the area while demonstrating problem-solving, decision-making, and independent learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education.

HEALTH SCIENCE EDUCATION

MRS. TERRIA MOORE, SUPERVISOR

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The Health Science Cluster of programs provides students with essential knowledge and hands-on skills necessary to pursue a career or post-secondary education in health care. Students will explore a variety of entry and advanced level courses designed to expose them to a variety of careers related to Nursing, Sports Medicine, Dental Services, Pre-Med, Pharmacy, and the Biomedical Sciences.

Each Health Science pathway has a recommended 3-course sequence. Foundations of Health Science is the pre-requisite course for all Therapeutic Services pathways except for Project Lead the Way (PLTW) Biomedical Science courses. All Health Science courses are 1-credit unless specified.

Course content integrates problem-based healthcare practices, procedures, and projects that demonstrate skills fundamental to a variety of healthcare occupations. Knowledge and skills are reinforced through participation in HOSA: Future Health Professionals and work-based learning opportunities at local health care facilities. The Health Science classroom provides a safe and simulated workplace setting for student exploration and simulation. Successful completion of one-credit (minimum) in Health Science coursework is required prior to placement of a student in a clinical/internship.

Upon successful completion of the Health Science Therapeutic Services course of study, program completers may be eligible to take one of the following state approved Career Readiness Indicators (CRI): Alabama Certified Nursing Assistant Exam or the Certified Patient Care Technician Exam.

All Health Science programs are evaluated annually for program compliance and must meet quality standards specified by the LEA, ALSDE, ADPH, and NHA.

Course Descriptions

14002G1001 FOUNDATIONS OF HEALTH SCIENCE

1 CREDIT

This course is a required course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course is the prerequisite for all the Health Science Therapeutic Services pathway courses. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. Note: This course substitutes for the ½ credit Health requirement needed for graduation.

14251G0500 HEALTH PROMOTIONS AND WELLNESS

.5 CREDIT

A one-half credit course designed to enable students to develop an understanding of personal client, and community health; and provides a foundation for comprehensive preventive health and wellness in the health care delivery system.

14099G1000 THERAPEUTIC SERVICES

1 CREDIT

This one-credit course introduces students to occupations and functions in the Therapeutic pathways. Careers in this area include nursing, medicine, physical therapy, surgical technology, respiratory therapy, EMT, and more. Students are

introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapist, surgical technologist, respiratory therapist, emergency medical technician, and others.

Prerequisite: Foundations of Health Science

14299G1001 HUMAN BODY STRUCTURES AND FUNCTIONS 1 CREDIT

Human Body Structures and Functions is a one-credit course designed to help students develop a basic knowledge of the normal structure and function of the human body. The course uses an integrated approach for teaching medical terminology to the health care student by incorporating medical terminology into instruction regarding human body structures and functions and the disease process. **Prerequisite:** Foundations of Health Science

14062G1003 SPORTS MEDICINE FUNDAMENTALS 1 CREDIT

Sports Medicine Fundamentals is a one-credit course. Course content will provide an overview of the field of sports medicine as well as expose students to fundamental skills. The importance of legal and ethical issues will be emphasized. Students will learn about career opportunities, medical terminology, safety, assessment and emergency preparedness in sports medicine. Instruction and learning activities are provided in a classroom laboratory setting using hands-on experiences with equipment, materials and technology appropriate to the course content and in accordance with current practices. **Prerequisite:** Foundations of Health Science.

14051G1000 PATIENT CARE TECHNICIAN 1 CREDIT

Patient Care Technician is a one-credit course that provides students the opportunity to become effective and efficient multi-skilled health care providers. Students will develop a working knowledge of health care skills, basic phlebotomy, 12 lead EKG's, oxygen therapy, and specimen collection via simulation. **Prerequisite:** Foundations of Health Science

14298G1000 HEALTH SCIENCE INTERNSHIP 1 CREDIT

This one-credit course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Content standards 1, 3, 4, 5, 6, and 9 are covered. **Prerequisite:** Foundations of Health Science

14298G2000 HEALTH SCIENCE INTERNSHIP 2 CREDITS

This two-credit course focuses on basic knowledge and skills necessary for beginning health care workers. Health Science Internship reinforces and applies knowledge learned in classroom and laboratory settings. Content standards 1-11 are covered. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facilities. Theory and laboratory components comprise at least ten percent of the Health Science Internship course.

Prerequisite: Foundations of Health Science

14152G1000 INTRODUCTION TO PHARMACY 1 CREDIT

This one-credit course introduces students to the pharmacy profession. Course content emphasizes the history of medicine, mathematics, technology, and legal issues. **Prerequisite:** Foundations of Health Science.

14252G1002 PRINCIPLES OF BIOMEDICAL SCIENCE PLTW 1 CREDIT

This Project Lead the Way (PLTW) Biomedical Sciences program is a one-credit course that involves the study of human medicine, research processes, and an introduction to bioinformatics. Students investigate the human body systems and various health conditions. They also explore a variety of careers in the biomedical sciences field. The program is designed to prepare students to pursue a post-secondary career in the biomedical sciences.

Special Note: Only offered at Mary G. Montgomery High School

14299G1002 HUMAN BODY SYSTEMS PLTW**1 CREDIT**

This PLTW course allows students to examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Manikin®, use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical cases.

Note: Only offered at Mary G. Montgomery High School

14299G1003 MEDICAL INTERVENTIONS PLTW**1 CREDIT**

This PLTW course allows students to follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **Note:** Offered only at Mary G. Montgomery High School

14054G1000 DENTAL ASSISTING**1 CREDIT**

Dental Assisting is a one-credit course that introduces students in Grades 10-12 to the dental profession. Course content specifies core knowledge and skills needed by workers in a dental office. The content emphasizes careers in dental care, the history and use of dentistry, infection control, and dental care procedures.

Prerequisite: Foundations of Health Science is a prerequisite course. **Note:** offered at Theodore High School Only.

14997G1000 SENIOR CAREER PATHWAY PROJECT, HEALTH SCIENCE**1 CREDIT**

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Prerequisite: Foundations of Health Science and completion of second Health Science pathway course.

14999G1000 CTE LAB IN HEALTH SCIENCE**1 CREDIT**

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Health Science through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

SCIENCE TECHNOLOGY ENGINEERING AND MATHEMATICS

The Science, Technology, Engineering, and Mathematics (STEM) Cluster includes a variety of middle and high school pathways. Entry and advance level courses introduce students to foundational principles of engineering and technological literacy in the middle school grades through the career cluster technologies courses that explore the sixteen career clusters, related pathways, and related technologies.

The high school engineering courses provide students with the opportunity to gain experience with general engineering design and application as they acquire discipline specific knowledge that allows them to make informed career choices. Foundation courses for the cluster include Foundations of Engineering and Career Cluster Technologies II.

Students choosing to enter this cluster should realize the close relationship of mathematics and science to the engineering and technology disciplines and expect to regularly apply mathematical and scientific principles throughout the courses in this cluster. They enjoy challenging curricula involving practical applications of engineering principles and technological literacy.

Knowledge gained by students in this cluster includes science and mathematics principles applicable to engineering and engineering-related careers. As technology continues its rapid expansion, adequately preparing students for engineering-related careers is essential and serves as the primary purpose of this cluster. The Science, Technology, Engineering, and Mathematics cluster classroom and laboratories provide safe and appropriate settings for student exploration and learning. The structured, yet active environment stimulates students' creativity and helps them develop the necessary skills for future employment.

Students in this cluster affiliate with the Technology Student Association (TSA) as the co-curricular career and technical student organization (CTSO). TSA provides additional opportunities that enhance classroom instruction, develop leadership skills, and promote career development.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

21002G1000 APPLICATIONS OF ENGINEERING AND TECHNOLOGY

1 CREDIT

Applications of Engineering and Technology offers students an investigative view of the engineering profession and the fundamental skills utilized in the field. Students continue investigating engineering disciplines and related career paths. Students will expand leadership and teamwork skills through creativity, collaboration, communication, and critical thinking. Additionally, students will increase their understanding of science, technology, engineering, and mathematics (STEM) principles used in problem-solving through the engineering design process. **Grades 10-12**

21005G1000 FOUNDATIONS OF ENGINEERING AND TECHNOLOGY

1 CREDIT

Foundations of Engineering and Technology offers students an exploratory view of the engineering profession and the fundamental skills utilized in the field. Students investigate various engineering disciplines and related career paths. Students will develop leadership and teamwork skills through creativity, collaboration, communication, and critical thinking. Additionally, students will increase their understanding of science, technology, engineering, and mathematics

(STEM) principles used in problem-solving as they use the engineering design process. Upon completion of this course students may be ready to earn a credential in a Computer-Aided Design (CAD) software such as Autodesk Inventor, SolidWorks, or Solid Edge.. **Grades 10-12**

21047G1000 CAPSTONE OF ENGINEERING AND TECHNOLOGY

1 CREDIT

Capstone of Engineering and Technology allows students to expand and apply previous knowledge to solve engineering problems. In this course, students will conduct research and develop solutions to complete a capstone project in the engineering field. Project-based learning reinforces the application of science, technology, engineering, and mathematics (STEM) concepts and skills. Technology applications are utilized in this course to enable students to visualize, model, prototype, solve, and report on comprehensive design problems. Collaboration and teamwork are vital components of the producing the capstone project.

21997G1000 CTE LAB IN STEM

1 CREDIT

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within STEM through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

21047G1001 CAREER PATHWAY PROJECT IN STEM

1 CREDIT

Career Pathway Project (CPP) for STEM is a capstone course designed for students who have completed two or more career and technical education courses in Science, Technology, Engineering, and Mathematics. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and engage in an in-depth exploration of the area while demonstrating problem-solving, decision-making, and independent learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education.

21009G1000 ROBOTICS SYSTEMS

1 CREDIT

Robotic Systems is designed to offer students an overview of robotics. It allows students to explore training, educational, and career opportunities related to the automation of robotics in industry. Students will investigate and create a plan to achieve industry certifications, incorporate proper ethics in submitted projects, demonstrate basic technical skills necessary for following safety precautions, utilize engineering principles and fundamental physics, and demonstrate the technological product design processes and methodologies of systems.

21017G1000 INTRODUCTION TO ENGINEERING PLTW

1 CREDIT

A one-credit course that uses a design development process while enriching problem-solving skills. Students create and analyze models using specialized computer software. **Grades: 10-12**

21013G1012 SREB FUNDAMENTALS OF AEROSPACE TECHNOLOGY: PILOT 1

1 CREDIT

This course is designed to explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering. Students gain knowledge and experience needed to effectively improve processes and systems in each of these areas. **Grades: 10-12**

21013G1022 SREB ADVANCED AEROSPACE TECHNOLOGY: PILOT 2 1 CREDIT

A one-credit course designed to deepen the student's preparation for careers and further study in aerospace technologies and related industries. Students apply advanced principles and theories of flight to authentic projects related to atmospheric and space flight. Emphasis is placed on pneumatic projectiles, aerodynamic forces, and quality management. The prerequisite for this course is Fundamentals of Aerospace Technology.

21013G1001 SREB AC AERONAUTICS ENGINEERING APPLICATIONS 1 CREDIT

A one-credit course designed to deepen the student's preparation for careers and further study in aerospace technologies and related industries. Students apply advanced principles and theories of flight to authentic projects related to atmospheric and space flight. Emphasis is placed on pneumatic projectiles, aerodynamic forces, and quality management. **Grades: 10-12**

21018G1000 PRINCIPLES OF ENGINEERING PLTW 1 CREDIT

This one-credit course is designed for students to develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. **Grades: 10-12**

21021G1000 CIVIL ENGINEERING AND ARCHITECTURE PLTW 1 CREDIT

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. **Grades: 10-12**

21023G1000 DIGITAL ELECTRONICS PLTW 1 CREDIT

From smart phones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used industry, including logic gates, integrated circuits, and programmable logic devices. **Grades: 10-12**

20101G1013 SREB ENERGY AND POWER FOUNDATIONS 1 CREDIT

This course engages students in a variety of hands-on, authentic projects to learn about energy and power methods through the design and construction of motors, pumps, heat exchangers, hydraulics and pipeline systems. These are the technologies used in large power plant systems to run and maintain processes in energy generation plants. The rough contextual projects, students will learn and apply physics, chemistry, fluid mechanics, thermodynamics, algebra and statistics in learning how these systems interact in the energy and power arena. Students will learn how engineers and technicians use these systems in the real world to optimize efficiency. There are no pre-requisites for this course.

20101G1023 SREB ENERGY TRANSMISSION AND DISTRIBUTION 1 CREDIT

This course focuses on energy transmission and consumer usage. The rough projects, students will be introduced to AC and DC power, transformers, the electrical grid and Smart Grid, and consumer load on the electrical system. To complete projects, students will use Ohm's law, Joule's law of heating, root mean square, Pythagorean Theorem and trigonometric principles to understand how energy travels along power lines and is converted from direct current to alternating current to end up, ultimately, in homes and businesses. Students will gain an understanding of how power companies move power — stepping it up and down to meet the needs of the end-user — by designing working transformers, capacitors, inverters and a power supply. Energy and Power Foundations is a pre requisite for this course.

20101G1033 SREB ELECTRONICS AND CONTROL SYSTEMS**1 CREDIT**

In this course, students will build on the knowledge and experience gained in the first two foundational courses. The rough projects, students will apply their knowledge to more advanced systems and learn how to program and use National Instrument's LabVIEW software and the my DAQ data acquisition device to work as engineers in making and analyzing countless scientific measurements. Students will study advanced topics in energy and power such as smart-home automation, plant-level process control, natural gas pipeline monitoring, energy storage and wind power. Each project presents students with a design problem that will require them to not only design and build a prototype, but also develop the software program that will test the prototype and gather measurable, quantifiable data. Energy Transmission and Distribution is a pre requisite for this course.

10013G1000 COMPUTER SCIENCE ESSENTIALS PLTW**1 CREDIT**

Computer Science Essentials is a one-credit course that introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language.

WORK BASED LEARNING

MRS. AMANDA PROWELL, SUPERVISOR

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Work-Based Learning is a structured component of the Career and Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, and paid work-based experiences in fields related to students' career objectives. Content is planned for students through a cooperative arrangement between the school and the employer as a component of work-based learning.

The purpose of Work-Based Learning is to provide paid work-based experiences in an occupational setting that typically cannot be obtained in the classroom. It is recommended that a student obtain concentrator status, (two courses within a CTE program), prior to enrollment in Work-Based Learning. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit within a program and be taking the second course required for concentrator status. This course must be related to the student's career objective. Students should be scheduled into a regular school schedule until they are placed in work-based experiences.

STUDENT ELIGIBILITY

The student must meet the following requirements:

- Has a clearly defined career objective in the career cluster for which employment is being considered.
- Possess the knowledge, skills, behavioral qualities, and abilities required for successful employment.
- Is at least 16 years of age.
- Is physically and mentally capable of performing the essential functions of the desired work-based experience. Essential functions are responsibilities that must be performed by the position, are fundamental to the position, and cannot be reassigned to another position.
- Has successfully completed the required prerequisite course(s).
- Is classified as an 11th or 12th grader.
- Is on track for graduation.
- Has an acceptable attendance, grade and discipline record as validated by the Coordinator.
- Has completed an application for enrollment.
- Has provided the name of minimum of three educators who know and are not related to the student who will complete recommendation forms including the teacher of the career cluster course.
- Has participated in a student interview to review information on the application, discuss parental/guardian support of participation, and discuss possible training stations.
- Has the ability to provide transportation to and from the training station.
- Students must leave campus at the designated Seminar time.
- Students must work a minimum of 140 hours to receive credit in any Work Based Learning course.

22998G1001 COOPERATIVE EDUCATION SEMINAR: WORK-BASED EXPERIENCE I 1 CREDIT

A one-credit work-based experience requiring a minimum of 270 continuous and successful hours of employment (average of 15 hours per week) performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Students enrolled in work-based experiences are required to participate in Cooperative Education Seminar one class period per week. Note: The teacher of this course must have earned credit in

"Functions of the Coordinator" or "Principles of Coordination."

22998G1002 COOPERATIVE EDUCATION SEMINAR: WORK-BASED EXPERIENCE II 1 CREDIT

A one-credit work-based experience requiring a minimum of 270 continuous and successful hours of employment (average of 15 hours per week) performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Students enrolled in work-based experiences are required to participate in Cooperative Education Seminar one class period per week. Note: The teacher of this course must have earned credit in "Functions of the Coordinator" or "Principles of Coordination."

22998G1014 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE I 1 CREDIT

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Note: The teacher of this course must have earned credit in "Functions of the Coordinator" or "Principles of Coordination."

22998G1024 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE II 1 CREDIT

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Note: The teacher of this course must have earned credit in "Functions of the Coordinator" or "Principles of Coordination."

22998G1034 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE III 1 CREDIT

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Note: The teacher of this course must have earned credit in "Functions of the Coordinator" or "Principles of Coordination."

22998G104 COOPERATIVE EDUCATION WORK-BASED EXPERIENCE IV 1 CREDIT

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. Note: The teacher of this course must have earned credit in "Functions of the Coordinator" or "Principles of Coordination."

DRIVER'S EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR

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Driver's Education develops understanding of and adaptation to traffic in terms of knowledge, attitudes, and skills. The course includes a study of traffic safety for pedestrians and drivers, as they are involved in physical and man-made laws, enforcement agencies and policies, traffic psychology, automobile purchasing, insurance, budgeting, consumer mechanics, and traffic engineering. Driver's Education develops a sense of civic responsibility and an attitude of personal pride in traffic performance. Classroom instruction is for a period of at least thirty hours.

Behind-the-wheel experience in a dual-controlled automobile is provided during the course. Driver's Education develops knowledge, habits, and skills related to learning to stop and start, to shift, to steer, to make right and left turns, to drive in traffic, to complete turnabouts, and to park. Development of attitudes basic to accepting civic responsibility in traffic and to the safe operation of the automobile are stressed. For those students who do not receive simulation training, behind-the-wheel training will consist of the dual-controlled automobile use for three to six hours of driving. For those students who received simulation training, behind-the-wheel training will consist of one to three hours.

08152G0500 DRIVER AND TRAFFIC SAFETY EDUCATION

.5 CREDIT

Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices. This one-quarter course provides both classroom and actual driving experiences. A maximum of six (6) hours of behind-the-wheel driving time is provided. Students may receive up to five (5) weeks of simulator driving and observation. Two days are spent on boating safety instruction.

ENGLISH AND LANGUAGE ARTS EDUCATION

DR. KEVIN BALIUS, SUPERVISOR

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The English Language Arts program is designed to develop and strengthen communication skills – listening, speaking, reading, and writing – for both everyday living as well as for the diversity of career and post-secondary training choices of students.

Course descriptions

01001G1000 ENGLISH 9

1 CREDIT

This course includes instruction and practice in all English skills: reading literature, reading informational text, writing, speaking and listening, and language. Literature is studied for literary skill development, as well as for appreciation. Fulfills English credit required for graduation.

01001H1000 ENGLISH 9 HONORS

1 CREDIT

This course includes all features of English 9 but at a more advanced level with use of some supplementary material. Literature includes instruction in the critical analysis of major genres. Composition focuses upon writing in creative, logical, and critical modes. Fulfills English credit required for graduation.

01001E1000 ENGLISH 9 PRE-INTERNATIONAL BACCALAUREATE (IB)

1 CREDIT

This course is preparatory to the IB curriculum. It includes all features of English 9 but at a more demanding level with use of extensive supplementary material. Literature includes instruction in the critical analysis of major genres. Composition focuses on analytical writing. Fulfills English credit required for graduation. **Prerequisite:** Acceptance into IB program.

01001E10PR ENGLISH 9 PRE-ADVANCED PLACEMENT (AP) CAPSTONE

1 CREDIT

This course is preparatory to the AP Capstone Curriculum. It includes all features of English 9 but at a more demanding level with use of extensive supplementary material. Students identify a research question, gather information through research, analyze, evaluate, and select evidence; and develop a logical, well-reasoned argument. Students learn to attribute and/or cite sources throughout their researched paper and include a bibliography. Fulfills English credit required for graduation. **Prerequisite:** Acceptance into AP Capstone Program

Special Note: Currently offered at Baker only

01001E10A1 IGCSE ENGLISH 9 CAMBRIDGE

1 CREDIT

This course is preparatory to the Cambridge AICE curriculum. It includes all features of English 9, but at a more demanding level with the use of the IGCSE Language (0500) curriculum. Cambridge IGCSE First Language English learners develop the ability to communicate clearly, accurately and effectively in both speech and writing. They learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed. Learners are also encouraged to reach widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. Cambridge IGCSE First Language English also develops more general analysis and communication skills such as synthesis, inference, and the ability to order facts and present opinions effectively.

Prerequisite: Acceptance into the Cambridge program

Special Note: Currently offered at Bryant only

01002G1000 ENGLISH 10**1 CREDIT**

This course builds on previously acquired English language skills through instruction in reading American literature and other texts, reading informational text, writing, speaking and listening, and language. Fulfills English credit required for graduation. **Prerequisite:** English 9

01002H1000 ENGLISH 10 HONORS**1 CREDIT**

This course includes all features of English 10 but at a more advanced level with the use of some supplementary material. The course promotes academic excellence in English language arts through the study of literature and through enriched experiences in composition, speech, and listening skills. Fulfills English credit required for graduation. **Prerequisite:** English 9 or English 9 Honors and Instructor Recommendation.

01002H10IB ENGLISH 10 PRE-INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

This course continues the preparation for the IB curriculum. It includes all features of English 10 but at a more demanding level with the use of extensive supplementary material. This course promotes academic excellence in English language arts through the study of world literature and through enriched experiences in composition, speech, and listening skills. Fulfills English credit required for graduation. **Prerequisite:** English 9 Pre-IB

01002H10P3 ENGLISH 10 PRE-ADVANCED PLACEMENT (AP) CAPSTONE**1 CREDIT**

This course is a preparatory to the AP Capstone Curriculum. It includes all features of English 10 but at a more demanding level with the use of extensive supplementary material. Students identify a research question, gather information through research; analyze, evaluate, and select evidence; and develop a logical, well-reasoned argument. Students learn to attribute and/or cite sources throughout their researched paper along with a bibliography. Fulfills English credit required for graduation. **Prerequisite:** Acceptance into Capstone Program
Special Note: Currently offered at Baker only

01002E10A1 IGCSE ENGLISH 10 CAMBRIDGE**1 CREDIT**

This course is preparatory to the Cambridge AICE Curriculum. It includes all features of English 10, but with a more demanding level with the use of the IGCSE Literature (0486) curriculum. Cambridge IGCSE Literature learners develop the ability to understand and respond to literary texts in different forms and from different periods and cultures; communicate an informed personal response appropriately and effectively; appreciate different ways in which writers achieve their effects; experience literature's contribution to aesthetic, imaginative, and intellectual growth; and explore the contribution of literature. Cambridge IGCSE Literature learners focus on literary texts in three main forms: drama, poetry, and prose. Fulfills English credit required for graduation.

Special Note: Currently offered at Bryant only **Prerequisite:** IGCSE English 9

01003G1000 ENGLISH 11**1 CREDIT**

This course continues instruction in English language skills and provides instruction in American literature as well as other texts. Composition emphasizes practice in structural writing of expository essays, documented papers, and informal essays. Literature emphasizes critical analysis of various genres. Fulfills English credit required for graduation. **Prerequisite:** English 9 AND English 10

01003H1000 ENGLISH 11 HONORS**1 CREDIT**

This course includes all features of English 11 but at a more advanced level with the use of supplemental materials. The course continues instruction in English language skills and provides instruction in American literature and other texts. Composition emphasizes writing papers of various types, with particular attention given to writing documented papers. Literature instruction emphasizes critical analysis of various genres. The course continues language study. Fulfills English credit required for graduation. **Prerequisite:** Regular English 9-10 AND/OR Honors English 9-10

01007H10SL ENGLISH 11 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

The curriculum for IB English covers two years. In IB English 11, the student reads, analyzes, and evaluates masterpieces from world literature in the student's native language. The course increases skills of literary criticism, strong written and oral skills, linguistic accuracy and effectiveness, strengthens organizational skills, and develops the ability to select specific details and integrate ideas.

Prerequisite: Acceptance into IB program**Special Note:** Currently offered at Murphy AND Davidson**01005H1000 ENGLISH 11 ADVANCED PLACEMENT (AP) LANGUAGE AND COMPOSITION****1 CREDIT**

Following the curriculum established by the College Board Advanced Placement (AP) Program, this course offers a challenging, college-caliber curriculum requiring more time and composition work, and going into greater depth than at the regular or the honors level. This course engages students in becoming skilled writers who compose for a variety of purposes and who become skilled readers of prose written in a variety of rhetorical contexts. A summer reading program is required. College Board test is given at the end of the course. Fulfills English credit required for graduation.

Prerequisite: Instructor Recommendation**Special Note:** Students should have taken English 9 Honors AND English 10 Honors**01099G10A5 AICE ENGLISH 11 CAMBRIDGE RESEARCH****1 CREDIT**

This course meets the Cambridge AICE diploma requirement. It includes all features of English 11 but at a more demanding level with the use of the Cambridge International AS and A Level English – Language (9093) curriculum. Cambridge International AS and A Level English Language gives learners the opportunity to study English language and its use in contemporary communication. It aims to encourage a critical response to texts in a range of forms, styles and contexts, and to promote skills of communication, reading, research and analysis. Through their study, learners will develop an ability to read and analyze material, gaining further knowledge and understanding of English language features and issues, and writing clearly, accurately, creatively and effectively for different purposes and audiences.

Prerequisite: IGCSE English 10 **Special Note:** Offered at Bryant only**01999C1001 ENGLISH 11 DUAL ENROLLMENT (DE) ENGLISH COMPOSITION 1****1 CREDIT**

English Composition I provides instruction and practice in the writing of at least six (6) extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library usage. PREREQUISITE: Successful completion of ENG 093; or a score of 42 or better on the English section of ASSET; or a score of 20 or better on the ACT (or equivalent SAT score). **Prerequisite:** Students must meet the requirements of dual enrollment program

01004G1000 ENGLISH 12**1 CREDIT**

This course continues instruction in English language skills. Literature includes study and critical analysis of examples from British literature and other texts. The course emphasizes writing of paragraphs and essays characterized by logical, coherent organization; clarity of expression; and suitability in style, usage, and conventions of writing. The course also increases the student's ability to read closely for literal and inferred meaning. Fulfills English credit required for graduation. **Prerequisite:** English 9, English 10, AND English 11

01004H1000 ENGLISH 12 HONORS**1 CREDIT**

This course includes all features of English 12 but at a more demanding level with the use of supplemental materials. This course provides academic excellence in English language arts through enriched experiences in communication skills and through written and oral analysis of British literature as well as other texts. Composition emphasizes critical analysis and interpretation. Language study includes vocabulary development and language history. Fulfills English credit required for graduation.

Prerequisite: Regular English 9-11 AND/OR Honors English 9-11 AND Instructor Recommendation

01007H10HL ENGLISH 12 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

English 12 International Baccalaureate is the second year of the IB English curriculum. Students in IB English 12 continue to read, analyze, and evaluate masterpieces from world literature. The course increases the effective use of diction, strengthens organizational skills, enhances clear thinking, and enables students to identify literary techniques. Fulfills English credit required for graduation. **Prerequisite:** English 11 IB AND acceptance into IB program.

Special Note: Currently offered at Murphy AND Davidson

01006H1000 ENGLISH 12 ADVANCED PLACEMENT (AP) LITERATURE AND COMPOSITION**1 CREDIT**

As required by AP program guidelines, this course offers a challenging, college-caliber curriculum requiring more time and composition work, and going into greater depth than at the regular or honors level. A summer reading program is required. College Board test is given at the end of the course. Fulfills English credit required for graduation.

Prerequisite: Instructor Recommendation **Special Note:** Students should have taken Honors English 9-11

01099G10A5 AICE ENGLISH 12 CAMBRIDGE**1 CREDIT**

AICE English meets the Cambridge AICE diploma requirement. It includes all features of English 12 but at a more demanding level with the use of the Cambridge International AS and A Level English – Literature (9695) curriculum. Cambridge International AS and A Level Literature in English gives learners the opportunity to a lifelong understanding and enjoyment of literary texts, and, importantly, gain a range of essential skills, including the ability to write clearly and effectively, skills in developing arguments, skills in researching and managing information, and the ability to analyse complex texts in different forms and styles. Through their study, learners will develop an appreciation of and informed personal response to literature in English in a range of texts in different forms, and from different periods and cultures. Learners will also develop the interdependent skills of reading, analysis, and communication; effective and appropriate communications; as well as a wider reading and an understanding of how it may contribute to personal development.

Prerequisite: AICE English 11

01999C1002 ENGLISH 12 DUAL ENROLLMENT (DE): ENGLISH COMPOSITION 2**1 CREDIT**

English Composition II provides instruction and practice in the writing of six (6) formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage. PREREQUISITE: A grade of "C" or better in ENG 101 or the equivalent.

Prerequisite: Satisfactory completion of English 11 Dual Enrollment – English Composition

ENGLISH ELECTIVES

01099G10SE ADVANCED PLACEMENT (AP) CAPSTONE SEMINAR

1 CREDIT

Prerequisite: Acceptance into AP Capstone Program. Special Note: Recommended for Grades 10-11. Currently offered at Baker Only

01099G10W1 ADVANCED PLACEMENT CAPSTONE SPEECH AND WRITING LAB 1

1 CREDIT

This course is preparatory to the AP Capstone Curriculum. Using an inquiry framework, students gather and analyze information from various sources in order to develop credible and value evidence-based arguments. Students consider and evaluate multiple points of view to develop their perspectives on complex issues.

Prerequisite: Acceptance into AP Capstone Program **Special Note:** Currently offered at Baker only

01099G10W2 ADVANCED PLACEMENT CAPSTONE SPEECH AND WRITING LAB 2

1 CREDIT

This course is preparatory to the AP Capstone Curriculum. Using an inquiry framework, students gather and analyze information from various sources in order to develop credible and valid evidence based arguments. Students consider and evaluate multiple points of view to communicate individually and as a team, their perspectives on complex issues.

Prerequisite: Acceptance into AP Capstone Program **Special Note:** Currently offered at Baker only

01099G10A1 ADVANCED PLACEMENT WRITING LAB 1 (ENGLISH COMPOSITION)

1 CREDIT

This course is designed to prepare students for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP. It also prepares students for college essays.

Prerequisite: Enrollment in AP Lang and Comp Course AND Instructor Recommendation

01099G10A2 ADVANCED PLACEMENT WRITING LAB 2 (ENGLISH LITERATURE AND COMP)

1 CREDIT

This course is designed to prepare students for the technical, critical, and analytic writing necessary for success on the end-of-year exams for AP. It also prepares student for college essays.

Prerequisite: Enrollment in AP Lit and Comp Course AND Instructor Recommendation

01099G10A5 AICE GENERAL PAPER CAMBRIDGE RESEARCH

1 CREDIT

A multi-disciplinary course (8001), with subject matter drawn from across the curriculum, encouraging students to be more aware of the breadth and complexity of the contemporary world; develop thinking and reasoning skills and maturity of thought; and achieve an understanding of (and ability in) the English language which enables them to express arguments, ideas, and opinions in a reflective and academic manner.

Prerequisite: IGCSE Global Perspectives **Special Note:** Currently offered at Bryant only

01099G1001 AFRICAN-AMERICAN LITERATURE

1 CREDIT

This course exposes students to a wide range of literature from the earliest Black writers in America to those of the present day. It also gives students an opportunity to read, write, and otherwise encounter the African American Experience.

01099G1002 AFRICAN-AMERICAN LITERATURE 2

1 CREDIT

This course exposes students to a wide range of literature from the earliest Black writers in America to those of the present day. It also gives students an opportunity to read, write, and otherwise encounter the African American Experience.

01151G10D1 DEBATE**1 CREDIT**

This course provides instruction in the fundamentals of argumentation and problem solving. Students explore logical thinking, speaking skills, research skills related to debate topics, and participate in frequent debate situations. This course is available to students in grades 10, 11, or 12.

01151G10D2 DEBATE**1 CREDIT**

This course provides instruction in the fundamentals of argumentation and problem solving. Students explore logical thinking, speaking skills, research skills related to debate topics, and participate in frequent debate situations. This course is available to students in grades 10, 11, or 12.

01009G0011 ENGLISH LANGUAGE ENHANCEMENT 1**1 CREDIT**

English Language Enhancement I is for the ninth grade student who scored below proficiency on a standardized reading assessment. The course is structured to include study skills; writing; comprehension skills; and recreational, textual, and functional reading. **Prerequisite:** Eighth Grade Standardized Reading Assessment

01009G0022 ENGLISH LANGUAGE ENHANCEMENT 2**1 CREDIT**

English Language Enhancement II is designed for those students who have completed English Language Enhancement 1 but still need additional review of reading comprehension, grammar, and writing skills. It is available to those students in grades ten and eleven. **Prerequisite:** English Enhancement

01103G1000 EXPOSITORY WRITING**1 CREDIT**

This course is designed to introduce students to various expository writing approaches including narration, definition, description, process analysis, classification, illustration and example, cause and effect, comparison and contract, and paraphrase and summary. Students will first examine expository modes before attempting compositions of their own. **Prerequisite:** Instructor Approval

01068G0001 FUNDAMENTALS OF READING 1**1 CREDIT**

This course is designed to address basis reading deficiencies of students who have not had the opportunity to enroll in the ninth grade reading program. The course is designed to assist students in improving both reading accuracy and comprehension. This course is available to students in grades 10, 11 or 12. **Prerequisite:** English grades results.

01068G0002 FUNDAMENTALS OF READING 2**1 CREDIT**

This course is a continuation of Fundamentals of Reading and is designed to address basis reading deficiencies of students. This course is designed to assist students in improving both reading accuracy and comprehension. This course is available to students in grades 10, 11, or 12.

Prerequisite: English grades results and/or teacher recommendation.

01063G1000 MODERN ETHNIC AND MULTICULTURAL LITERATURE**1 CREDIT**

This course introduces high school students to the variety of tradition, voices, experiences, viewpoints, and values of the diverse people who make up the American multicultural heritage.

01069G10M1 MYTHOLOGY 1**1 CREDIT**

This course is designed to give students a solid background in world mythology which will help them understand allusions to these myths in literature, language, and art.

01069G10M2 MYTHOLOGY 2**1 CREDIT**

This course is designed to provide students with a more in-depth study of world mythology through novels and research. This course will include the mythologies of Egypt, Africa, Britain, Native America, Asia, North and South America and Canada. This course is available to students in grades 10, 11, or 12 **Prerequisite:** Mythology 1

01151G10Q1 SPEECH 1**1 CREDIT**

Speech I provides instruction in the fundamentals of formal and informal oral communications. The course offers instruction and practice in discussion and in skills of critical thinking. It includes extemporaneous and impromptu speaking, play reading, choral reading, interpretation of poetry, and drills in voice and speech mechanics.

01151G10Q2 SPEECH 2**1 CREDIT**

Speech II provides instruction in intermediate skills of formal and informal oral communication. The course offers instruction and practice in discussions and in skills of critical thinking. It includes extemporaneous and impromptu speaking, play reading, choral reading, interpretation of poetry, and drills in voice and speech mechanics.

11999C1003 DUAL ENROLLMENT (DE) SPEECH: FUNDAMENTALS OF PUBLIC SPEAKING 1 CREDIT

This course explores the principles of audience and environment analysis as well as planning, rehearsing, and presenting of formal speeches to specific audiences. Historical foundations, communications theories, and student-performances, are emphasized. **Special Note:** Student must meet the requirements of the Dual Enrollment Program

01199G1000 STUDENT CONGRESS**1 CREDIT**

This course provides extended experience in developing the skills of extemporaneous speaking, debate and interpersonal communication for the academically advanced, college-bound student.

01099G10P1 WOMEN IN LITERATURE**1 CREDIT**

This course will cover a wide range of literary selections from the works of the Ancient Greeks to those of modern writers. The focus will be on how strong female characters fit or defy the archetypal roles of daughter, sister, wife, mother, and friend. This course is only open to those students in grade eleven or twelve.

Prerequisite: Only open to students in grades 11 or 12.

01099G10P2 WOMEN IN LITERATURE 2**1 CREDIT**

This course will cover a wide range of literary selections from the works of the Ancient Greeks to those of modern writers. The focus will be on how strong female characters fit or defy the archetypal roles of daughter, sister, wife, mother, and friend. This course is only open to those students in grade eleven or twelve. **Prerequisite:** Only open to students in grades 11 or 12.

01058G10 WORLD LITERATURE**1 CREDIT**

This course allows students to survey fiction and nonfiction literature from around the world. Activities include writing essays, analyzing genres, and interpreting authors.

11101G10SC JOURNALISM 1**1 CREDIT**

Newspaper study; newspaper production; news information gathering; proofreading; journalistic writing. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically.

Grades 10-12

11101G10J2 JOURNALISM 2**1 CREDIT**

Advanced newspaper work; laboratory course; layout, in-depth editing, publishing, finance. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically. **Grades 10-12**

11101G10J3 JOURNALISM 3**1 CREDIT**

School newspaper management; advanced journalism. This course provides instruction in basic aspects of journalism and workshop experience in journalistic production. Students explore the history of journalism; news, sports, feature, and editorial writing; and gain workshop experiences in photography, layout; advertising; and printing. Students will use these skills to publish a school newspaper periodically. **Grades 10-12**

01104G051 CREATIVE WRITING 1**1 CREDIT**

This course develops writing and language skills for individual expression in literary forms through writing of original poetry, short stories, plays, novels, essays, or non-fiction. This course is available to students in grades 10, 11, or 12.

01104G052 CREATIVE WRITING 2**1 CREDIT**

This course extends opportunities to develop writing and language skills for individual expression. Emphasis is placed on original writing and study of technical aspects of publishing in literary publications as introduced in Creative Writing 1

Prerequisite: Creative Writing 1

01099G10SS A SHAKESPEARE SAMPLER**1 CREDIT**

This course allows the students the opportunity to explore and appreciate in-depth the life and works of William Shakespeare. The course consists of three plays not studied as part of the normal course of study in high school. In this course, a history, a comedy, and a tragedy are given an in-depth analysis in an interactive classroom.

01099G10W WRITING WORKSHOP**1 CREDIT**

This course is designed to teach students basic writing skills. It is an intensive writing lab that focuses specifically on grammar, usage and mechanics. Specifically designed for regular students in grades 9-12.

01099G10F1 A STUDY OF FILM 1**1 CREDIT**

This course is a study of film as a medium with its own special methods of rhetorical persuasion. The course surveys both the content of film and the form in which that content is presented. This class is open to students in grades 9-12.

01099G10F2 A STUDY OF FILM 2**1 CREDIT**

This course is designed to progress students from basic film study to a more hands on application of film technology through the production of short films and assignments. This course would be available to students in grades 10, 11, and 12. Access to a video camera is recommended but not necessary. **Prerequisite:** A Study of Film 1 and Art I

ENGLISH AS A SECOND LANGUAGE - ESL

MRS. KIRSTEN GENTRY, SUPERVISOR

kgentry@mcpss.com 221-5189

01099G1000 ENGLISH ELECTIVES, GRADES 9-12

1 CREDIT

Courses developed locally; an English elective not described in this listing of English elective courses.

ESL ELECTIVE I-9
 ESL ELECTIVE II-9
 ESL ELECTIVE I-10
 ESL ELECTIVE II-10
 ESL ELECTIVE I-11
 ESL ELECTIVE II-11
 ESL ELECTIVE I-12
 ESL ELECTIVE II-12

Core English Language Development at the secondary level (Grades 9-12). Academic language and communicative competence through the implementation of the World-class Instructional Design and Assessment-English Language Proficiency (WIDA-ELP) Standards.

01099G1000 ENGLISH 9

1 CREDIT

FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. **Sheltered Instruction from an EL Teacher highly qualified in ELA.

01002G1000 ENGLISH 10

1 CREDIT

FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. **Sheltered Instruction from an EL Teacher highly qualified in ELA.

FINE ARTS EDUCATION

DR. LINDA S. BYRD, SUPERVISOR

lbyrd@mcpss.com

221-4087

Fine Arts Education provides students with a variety of opportunities to study visual arts, choral music, instrumental music, drama, and dance.

The Fine Arts curriculum is designed to meet the needs of the student population in the Mobile County Public School System. A strong emphasis on the development of basic fundamentals will be stressed. Whether listening, performing or creating, students will have curriculum to meet their needs.

Students involved in performing courses will receive training and discipline to assist their growth as responsible adults. Many activities will require students to attend after-school, evening, and/or weekends for participation in, but not limited to, sectional and large group rehearsals, honor groups, football games, and district/state festivals. Students may enroll in more than one performance-based course during a semester providing graduation requirements are being met. Additionally, uniforms may be required. Fees may be charged for rent or purchase of needed attire. Entry fees, travel expenses, and meal expenses can be expected for performing groups. Fundraising activities may be provided to assist students in meeting these financial obligations.

ACCORDING TO THE ALABAMA STATE DEPARTMENT OF EDUCATION, DRAMA COURSES ARE CONSIDERED PART OF ENGLISH AND LANGUAGE ARTS AND WILL NOT BE CONSIDERED FOR AN ARTS CREDIT. Arts Courses must contain the four artistic processes – create, perform, respond, and connect as found in the Alabama Course of Study: Arts Education to count for an Arts Credit.

NON-TRADITIONAL STUDENTS

Non-Traditional students are those who are homeschooled; yet, enroll in MCPSS to take part in extra-curricular activities that are not offered through their homeschool program. Non-traditional students interested in participating in Fine Arts Education must meet the following criteria:

- a. Students must complete the enrollment requirements and provided all required documentation as listed in the Registration section of the Educational Planning Guide.
- b. Student must provide proof of enrollment in a Non-Traditional School program.
- c. Student must provide their own transportation to and from school.
- d. The student must attend classes at the school at the prescribed hour on all regularly scheduled school days. District attendance guidelines are also applicable to homeschool students to include referral to truancy court if necessary.
- e. Special needs students will need to be assessed by district's Division of Special Services to determine if they qualify for accommodations under the Individuals with Disabilities Education Act (IDEA) and if they qualify for an Individualized Education Plan (IEP) or a 504 Plan.
- f. Students are expected to participate in all Fine Arts activities and requirements to include competitions, assemblies, athletic games, etc.
- g. Students must comply with grooming standards associated with the wear of any uniforms based on the Fine Arts program in which the student is enrolled.

- h. In order to participate in extra- and co-curricular activities, the student must meet Alabama High School Athletic Association "Academics First" criteria which include a minimum of a 2.0 grade point average (GPA).
- i. Student is responsible for any lab fees or other expenses that are expected of regularly enrolled Fine Arts students.
- j. Traditional students who decide to be homeschooled because of failing grades are deemed ineligible to participate in Fine Arts for a period of one (1) year.

DANCE

05005G1002 INTRODUCTION TO CHOREOGRAPHY AND DANCE COMPOSITION 1 1 CREDIT

This is a one credit course at the proficient dance level. Students gain a comprehensive understanding of the elements of dance and how those elements communicate ideas, emotions and intent. Students explore and develop the ability to use choreographic devices through improvisation, solving movement problems, and creating movement studies. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria.

05005G1002 CHOREOGRAPHY AND DANCE COMPOSITION 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO CHOREOGRAPHY/DANCE COMPOSITION OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Students increase their capacity to create dance using multiple coded techniques and a developing personal voice. They are able to manipulate movement choices and choreographic devices to obtain a specific artistic intent. They develop strategies including research to gain source material, document, gain feedback, review and revise choreography in order to refine dance composition. They use critical thinking to evaluate their own choreography as well as that of master choreographers, professional performances and peers.

05005G1003 CHOREOGRAPHY AND DANCE COMPOSITION 3 1 CREDIT

PREREQUISITE: CHOREOGRAPHY/DANCE COMPOSITION II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students experiment beyond personal movement preferences and strengths to expand movement vocabulary and choreographic devices to establish a unique personal voice. They determine a personal preference for a complete original work of choreography by reviewing, evaluating, revising and refining after self-reflection and feedback from others. Students gather a collection of documented work that illustrates a progression of quality using technologies for recording accompanied by written and/or oral evaluations. Students create a capstone project by directing a production of original work, determining production elements, scheduling, programming, publicizing, and collaborating peers and production crews.

05012E10HL DANCE (HL) INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Emphasis on content which focuses on the composition, performance, and analysis of dance, or "expressive movement," which is practiced among peoples of various backgrounds, and for a variety of purposes, throughout the planet.

05012E10SL DANCE (SL) INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or

or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Program. Emphasis on content which focuses on the composition, performance, and analysis of dance, or "expressive movement," which is practiced among peoples of various backgrounds, and for a variety of purposes, throughout the planet.

05003G10DL INTRODUCTION TO DANCE 1

1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical dance skills through correct alignment, nutrition and injury prevention. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria.

05003G10D2 DANCE 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level as they explore and analyze choreographic devices through improvisation and solving movement problems. They develop strategies to document, gain feedback, review and revise choreography to obtain a specific artistic intent. Students develop kinesthetic awareness of the elements of dance and relationships to other dancers, and increase technical skills providing fluency of movement. In responding to dance, students use codified technique and genre specific terminology and are able to evaluate choreography that is related to content learned in other subjects.

05003G1003 DANCE 3 ADVANCED

1 CREDIT

PREREQUISITE: DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for dance literacy that includes creating dance, performing dance, responding to dance and connecting dance with skills across the arts disciplines and other academic areas. Students create a portfolio and capstone project which will include all aspects of dance composition, dance production and dance critique, and illustrates a unique personal voice. The capstone project, influenced by research, will show evidence of excellence in leadership qualities and advanced performance, including production elements that clarify intent.

05002G1001 INTRODUCTION TO DANCE ENSEMBLE (DANCE COMPANY) 1

1 CREDIT

This is a one credit course at the proficient dance level. The Dance Ensemble I is a performing company which develops professional approaches to rehearsals and performances, and is for students from a novice to proficient level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

05002G1002 DANCE ENSEMBLE (DANCE COMPANY) 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO DANCE ENSEMBLE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. The Dance Ensemble II is a performing company which develops professional approaches to rehearsals and performances and is for students from a proficient to an accomplished level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

05002G1003 DANCE ENSEMBLE (DANCE COMPANY) 3

1 CREDIT

PREREQUISITE: DANCE ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance

level. The Dance Ensemble III is a performing company which develops professional approaches to rehearsals and performances and is for students from an accomplished to an advanced level in their dance training. Whether working in groups or as a soloist, students are exposed to a variety of styles, choreographers, repertoire and music. The company offers experience in live performances before audiences, and requires an enhanced consideration of dance as a performing art.

05006G1000 ELEMENTS OF DANCE/ARTS LITERACY

1 CREDIT

Students explore the art of dance through improvisation and exposure to master works and diverse cultural dance forms. They will use critical analysis and appropriate dance terminology to identify the elements of dance and determine the impact these elements have on the communication of ideas, style and meaning. Students will develop an understanding of dance as a performing art by creating and performing dance, and by demonstrating proper audience and performance etiquette, while viewing professional dance and/or performances by peers. Students will also explore how production technologies may impact dance performance, both live and recorded.

05999C1013 FITNESS DANCE 1

1 CREDIT

This course uses dance activity to increase a student's level of physical fitness. Flexibility exercises and body toning/sculpting exercises, which have been specially designed to develop the dancer's body, will be used in class.

PREREQUISITE: As required by program.

05016G1001 INTRODUCTION TO MODERN DANCE 1

1 CREDIT

This is a one credit course at the proficient dance level. Novice students progress to a proficient level through a rigorous understanding of the elements of dance within the codified technique of modern dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical skills in modern dance. There is a focus on style, correct alignment, nutrition and injury prevention. Students obtain an introductory ability to analyze choreography from an historical and contemporary perspective in context with the development of modern dance and the societies in which the dance form originated.

05016G1002 MODERN DANCE 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO MODERN DANCE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level of skill within the codified technique of modern dance increasing fluency. They obtain kinesthetic awareness of the elements of dance as they relate to modern dance and develop strategies to document, gain feedback, review and revise modern dance choreography and performance to obtain a specific artistic intent. Students explore and analyze choreographic devices specific to modern dance through improvisation, solving movement problems, and viewing master works. Students use modern dance terminology to respond to and evaluate choreography and performance within traditional and contemporary contexts.

05016G1003 MODERN DANCE 3

1 CREDIT

PREREQUISITE: MODERN DANCE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course at the advanced dance level. Students progress to an advanced capacity for modern dance literacy that includes creating, performing, responding to modern dance choreography and connecting modern dance to skills across the arts disciplines and other academic areas. Students create a portfolio that contains comprehensive documentation of personal modern dance performance and choreography including audition requirements for college and career in dance (i.e. head shot and required still photos, video, resume and references).

05002G10PA PRE-ADVANCED PLACEMENT DANCE (PRE-AP)**1 CREDIT**

PREREQUISITE: APPROVAL OF THE INSTRUCTOR. This course is an introduction to advance placement dance courses with an emphasis in dance performance.

05002G10AP ADVANCED PLACEMENT DANCE (AP)**1 CREDIT**

NOTE: Arts Courses must contain the four artistic processes --Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. This course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for dance; portfolio production; demonstrate mastery of dance in concept, composition, and execution.

TRADITIONAL AND EMERGING ENSEMBLES

MARCHING BAND

05103G1001 INTRODUCTION TO MARCHING BAND 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G1002 MARCHING BAND 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO MARCHING BAND OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, is designed for students with at least one year of experience to experience instrumental music in a marching band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G1003 MARCHING BAND 3**1 CREDIT**

PREREQUISITE: MARCHING BAND II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, is designed for students to increase artistry through reinforced experiences in an instrumental music marching band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G1004 MARCHING BAND 4**1 CREDIT**

PREREQUISITE: MARCHING BAND III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, is designed for students with multiple years of high school study to experience instrumental music in a marching band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding

and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G1005 MARCHING BAND 5

1 CREDIT

PREREQUISITE: MARCHING BAND IV OR APPROVAL OF THE INSTRUCTOR This is a one-half credit course, advanced level, is designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a marching band setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. **NOTE:** Students granted a waiver substitution from the State Superintendent of Education for the required Lifelong Individualized Fitness Education (LIFE 240002) must take two half credits of marching band to fulfill the one LIFE PE credit.

05103G10A1 MARCHING BAND AUXILIARIES 1

1 CREDIT

This is a one credit course, novice level, designed for beginning auxiliaries (flag, baton, dance, rifle) students to experience visual ensemble as part of instrumental in a marching band setting. Students will develop technique and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of visual ensemble performance. Students will develop coordination skills associated with visual ensemble and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G10A2 MARCHING BAND AUXILIARIES 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO MARCHING BAND AUXILIARIES 1 OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, is designed for students with at least one year of experience to experience visual ensemble in a marching band setting. Students will continue to develop technique and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of visual ensemble performance. Students will develop coordination skills associated with visual ensemble and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G10A3 MARCHING BAND AUXILIARIES 3

1 CREDIT

PREREQUISITE: MARCHING BAND 2 OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, is designed for students with at least one year of experience to experience visual ensemble in a marching band setting. Students will continue to develop technique and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of visual ensemble performance. Students will develop coordination skills associated with visual ensemble and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05103G10A4 MARCHING BAND AUXILIARIES 4

1 CREDIT

PREREQUISITE: MARCHING BAND AUXILIARIES 3 OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, is designed for students with multiple years of high school study to experience instrumental music in a marching band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing

the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05109G10P1 INTRODUCTION TO PERCUSSION 1

1 CREDIT

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05109G10P2 PERCUSSION 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO PERCUSSION OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05109G10P3 PERCUSSION 3

1 CREDIT

PREREQUISITE: PERCUSSION II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of only percussion instruments. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05109G10P4 PERCUSSION 4

1 CREDIT

PREREQUISITE: PERCUSSION III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a setting of only percussion instruments. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05109G10P5 PERCUSSION 5

1 CREDIT

PREREQUISITE: PERCUSSION IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G05BT BAND TECHNIQUES**.5 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a beginning band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10BT BAND TECHNIQUES**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a beginning band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

CONCERT BAND**05102G1001 INTRODUCTION TO CONCERT BAND 1****1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G1002 CONCERT BAND 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO CONCERT BAND OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G1003 CONCERT BAND 3**1 CREDIT**

PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G1011 CONCERT BAND 4**1 CREDIT**

PREREQUISITE: CONCERT BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and

engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G1005 CONCERT BAND 5

1 CREDIT

PREREQUISITE: CONCERT BAND IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a concert band setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05106G1011 INTRODUCTION TO WIND ENSEMBLE

1 CREDIT

PREREQUISITE: REQUIRED AUDITION. This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a chamber setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05106G1012 WIND ENSEMBLE 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO INSTRUMENTAL CHAMBER ENSEMBLE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a chamber setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05106G103 WIND ENSEMBLE 3

1 CREDIT

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music chamber setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05106G1014 WIND ENSEMBLE 4

1 CREDIT

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a chamber setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05106G1015 WIND ENSEMBLE 5**1 CREDIT**

PREREQUISITE: INSTRUMENTAL CHAMBER ENSEMBLE IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a chamber setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10S1 INTRODUCTION TO SYMPHONIC BAND**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a symphonic band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10S2 SYMPHONIC BAND 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO SYMPHONIC BAND OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert/symphonic band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10S3 SYMPHONIC BAND 3**1 CREDIT**

PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10S4 SYMPHONIC BAND 4**1 CREDIT**

PREREQUISITE: SYMPHONIC BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05102G10S5 SYMPHONIC BAND 5**1 CREDIT**

PREREQUISITE: SYMPHONIC BAND IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a concert band setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05104G1001 INTRODUCTION TO ORCHESTRA 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05105G1001 INTRODUCTION TO JAZZ ENSEMBLE**1 CREDIT**

PREREQUISITE: INTRODUCTION TO JAZZ ENSEMBLE OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a jazz band or jazz ensemble setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05105G1002 JAZZ ENSEMBLE 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO JAZZ ENSEMBLE OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a jazz band or jazz ensemble setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05105G1003 JAZZ ENSEMBLE 3**1 CREDIT**

PREREQUISITE: JAZZ ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting of a small orchestral jazz band or jazz ensemble setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05105G1004 JAZZ ENSEMBLE 4**1 CREDIT**

PREREQUISITE: JAZZ ENSEMBLE III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a jazz band or jazz ensemble setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of

jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05105G1005 JAZZ ENSEMBLE 5

1 CREDIT

PREREQUISITE: JAZZ ENSEMBLE IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music in a jazz band or jazz ensemble setting. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

05115E10SL MUSIC (SL) INTERNATIONAL BACCALAUREATE

1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. This course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Program. Content relating to music including musical structure, analysis of composition, notational systems, and arrangement for instruments and/or voices.

05115E10HL MUSIC (HL) INTERNATIONAL BACCALAUREATE

1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. This course may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Program. Content relating to music including musical structure, analysis of composition, notational systems, and arrangement for instruments and/or voices.

CHORAL MUSIC AND ENSEMBLES

0511G10BC BEGINNING CHORUS

1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10C1 INTRODUCTION TO CHAMBER CHORUS 1

1 CREDIT

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10C2 CHAMBER CHORUS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO CHAMBER CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10C3 CHAMBER CHORUS 3**1 CREDIT**

PREREQUISITE: CHAMBER CHORUS II OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10C4 CHAMBER CHORUS 4**1 CREDIT**

PREREQUISITE: CHAMBER CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10C5 CHAMBER CHORUS 5**1 CREDIT**

PREREQUISITE: CHAMBER CHORUS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir.

05111G10M1 INTRODUCTION TO MEN'S CHORUS 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10M2 MEN'S CHORUS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO MEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10M3 MEN'S CHORUS 3**1 CREDIT**

PREREQUISITE: MEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10M4 MEN'S CHORUS 4**1 CREDIT**

PREREQUISITE: MEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10M5 MEN'S CHORUS 5**1 CREDIT**

PREREQUISITE: MIXED CHORUS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05110G100G INTRODUCTION TO MIXED CHORUS 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05110G1002 MIXED CHORUS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO MIXED CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05110G1003 MIXED CHORUS 3**1 CREDIT**

PREREQUISITE: MIXED CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05110G1004 MIXED CHORUS 4**1 CREDIT**

PREREQUISITE: MIXED CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05110G1005 MIXED CHORUS 5**1 CREDIT**

PREREQUISITE: MIXED CHORUS IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05121G1001 INTRODUCTION TO SHOW CHOIR 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

05121G1002 SHOW CHOIR 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO SHOW CHOIR I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for students with at least one year of experience to continue to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

05121G1003 SHOW CHOIR 3**1 CREDIT**

PREREQUISITE: SHOW CHOIR II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

05121G1004 SHOW CHOIR 4**1 CREDIT**

PREREQUISITE: SHOW CHOIR III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. This level is designed to extend students' choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

05121G1005 SHOW CHOIR 5**1 CREDIT**

PREREQUISITE: SHOW CHOIR IV OR APPROVAL OF THE INSTRUCTOR This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills, choreography and movement and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.

05111G10W1 INTRODUCTION TO WOMEN'S CHORUS 1**1 CREDIT**

This is a one credit course, novice level, designed for beginning music students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10W2 WOMEN'S CHORUS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO WOMEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR This is a one credit course, intermediate level, designed for with at least one year of experience students to continue to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10W3 WOMEN'S CHORUS 3**1 CREDIT**

PREREQUISITE: WOMEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10W4 WOMEN'S CHORUS 4**1 CREDIT**

PREREQUISITE: WOMEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05111G10W5 WOMEN'S CHORUS 5**1 CREDIT**

PREREQUISITE: WOMEN'S CHORUS IV OR APPROVAL OF THE INSTRUCTOR

This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to apply concepts of treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

THEATER

05052G1001 INTRODUCTION TO THEATER 1

1 CREDIT

This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.

05052G1002 THEATRE 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works.

05052G1003 THEATRE 3

1 CREDIT

PREREQUISITE: THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how theatre communicates ideas and allows for self-expression. Students will use their acting talent to refine theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre.

05053G1002 ACTING TECHNIQUES 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Self-expression and an understating of how methods of acting may be used to communicate artistic ideas. Students will study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions.

05053G1003 ACTING TECHNIQUES 3

1 CREDIT

PREREQUISITE: ACTING TECHNIQUE (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Students will refine self-expression and demonstrate an understating of how methods of acting may be used to communicate artistic ideas. Students will continue to study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

05055G1002 ACTING FOR THE CAMERA 2**1 CREDIT****PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, accomplished level, focuses on specific acting techniques for the camera. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment by understanding framed shots, facial and physical gestures and performing to the camera. Students will study, write and/or perform scenes and monologues, act in student directed films in addition to producing their own films. Basic camera work and editing will also be emphasized.

05055G1003 ACTING FOR THE CAMERA 3**1 CREDIT**

PREREQUISITE: ACTING FOR THE CAMERA (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, refines specific acting techniques for the camera. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment by understanding framed shots, facial and physical gestures and performing to the camera. Students will continue to study, write and/or perform scenes and monologues, act in student directed films in addition to producing their own films equivalent to college-preparatory or honors study to reinforce a continued enjoyment of theatre and film production. Advanced camera work and editing will also be emphasized.

05056G10C2 COSTUMING DESIGN AND CONSTRUCTION 2**1 CREDIT****PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, accomplished level, is an introduction to the principles, elements and practicalities of costume design and costume construction. Students will learn how to communicate design choices both visually and verbally through rendering techniques and research. An emphasis will be place on the safe practices and proper use of tools, equipment and materials.

05056G10C3 COSTUMING DESING AND CONSTRUCTION 3**1 CREDIT****PREREQUISITE: COSTUMING DESIGN AND CONSTRUCTION (II) OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, advanced level, refines in-depth the principles, elements and practicalities of costume design and costume construction. Students will refine and demonstrate concepts and skills to communicate design choices both visually and verbally through rendering techniques and research equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. A continued emphasis will be place on the safe practices and proper use of tools, equipment and materials.

05051G1000 ELEMENTS OF THEATRE ARTS LITERACY**1 CREDIT**

This half credit course will explore arts literacy through theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, performing and assessment to understand how theatre communicates ideas and allows for self-expression. Students will explore how to create and perform informal and formal theatrical works, relating and connecting them to historical, current and personal events. Students will have an introduction to play structure and analysis. Students will be introduced to the technical elements of theatre production. Students will have an introduction to history of theatre, and appropriate etiquette for theatre.

05194E10HL FILM (HL) INTERNATIONAL BACCALAUREATE**1 CREDIT**

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to film including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world

05194E10SL FILM (SL) INTERNATIONAL BACCALAUREATE**1 CREDIT**

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to film including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world.

05060G1001 INTRODUCTION TO MUSICAL THEATRE 1**1 CREDIT**

This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to explore musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

05060G1002 MUSICAL THEATER 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will continue to use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

05060G1003 MUSICAL THEATER 3**1 CREDIT**

PREREQUISITE: MUSICAL THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.

05056G1001 INTRODUCTION TO TECHNICAL THEATER PRODUCTION**1 CREDIT**

This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.

05056G10T2 TECHNICAL THEATRE PRODUCTION 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO TECHNICAL THEATRE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further technical skills and artistry through a technical theatre experience. Students will explore in more depth design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.

05056G10T3 TECHNICAL THEATER PRODUCTION 3**1 CREDIT**

PREREQUISITE: TECHNICAL THEATRE PRODUCTION II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to demonstrate concepts and skills through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre.

05061G1002 THEATRE MANAGEMENT 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of theatre management. Student will learn strategic planning; marketing; audience development; grant writing, in addition to company and front-of-the-house management. Business management concepts and practices are explored related to the theatre.

05061G1003 THEATRE MANAGEMENT 3**1 CREDIT**

PREREQUISITE: THEATRE MANAGEMENT (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, explores in depth the principles, elements, and practicalities of theatre management. Student will refine and demonstrate concepts and skills for strategic planning; marketing; audience development; grant writing, in addition to company and front-of-the-house management. Advanced business management concepts and practices are emphasized relate to the theatre.

05052G10PA PRE-ADVANCED PLACEMENT THEATRE**1 CREDIT**

PREREQUISITE: APPROVAL OF THE INSTRUCTOR. This course is an introduction to advance placement theater courses with an emphasis in theater performance.

COMPOSITION AND THEORY

05114E1000 **ADVANCED PLACEMENT (AP) MUSIC THEORY**

1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for music; musical structure; analysis of composition; notational systems; arrangement for instruments and/or voices; improvisational accompaniment on piano or other instruments

05113G1001 **MUSIC THEORY 1**

1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR. This one credit, proficient level course explores music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05113G1002 **MUSIC THEORY 2**

1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF PROFICIENT OR APPROVAL OF THE INSTRUCTOR. This one credit, accomplished level is designed to extend students technical skills and artistry by continued exploration of music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection to provide a deeper understanding and appreciation of the study of music.

05113G1003 **MUSIC THEORY 3**

1 CREDIT

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF PROFICIENT OR APPROVAL OF THE INSTRUCTOR. This one credit, advanced level is designed to extend students technical skills and artistry by continued exploration of music theory through academic and hands-on study, and production. The curriculum builds practical understanding of the musical elements including rhythm, melody, harmony, form, and expression through creating, performing, and responding. Exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection to provide a deeper understanding and appreciation of the study of music.

22999C10MU **FUNDAMENTALS OF MUSIC DUAL ENROLLMENT**

1 CREDIT

This course is designed to teach the basic fundamentals of music and develop usable musical skills for the classroom teacher. Topics include rhythmic notation, simple and compound meters, pitch notation, correct singing techniques, phrases, keyboard awareness, key signatures, scales, intervals, and harmony using I, IV, and V with a chordal instrument. Upon completion, students should be able to sing a song, harmonize a simple tune, and demonstrate rhythmic patterns and identify musical concepts through written documentation.

HARMONIZING INSTRUMENTS

05108G10G1 INTRODUCTION TO GUITAR 1

1 CREDIT

This is a one credit course, novice level designed for beginning music students to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05108G10G2 GUITAR 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO GUITAR I OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05108G10G3 GUITAR 3

1 CREDIT

PREREQUISITE: GUITAR II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05108G10G4 GUITAR 4

1 CREDIT

PREREQUISITE: GUITAR III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05108G10G5 GUITAR 5

1 CREDIT

PREREQUISITE: GUITAR IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music through instruments capable of producing both melody and harmony such as guitar and electric guitar. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05107G1001 INTRODUCTION TO PIANO 1**1 CREDIT**

This is a one credit course, novice level designed for beginning music students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05107G1002 PIANO 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO PIANO I OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05107G1003 PIANO 3**1 CREDIT**

PREREQUISITE: PIANO II OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music setting through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05107G1004 PIANO 4**1 CREDIT**

PREREQUISITE: PIANO III OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

05107G1005 PIANO 5**1 CREDIT**

PREREQUISITE: PIANO IV OR APPROVAL OF THE INSTRUCTOR. This is a one credit course, advanced level, designed for students with experience equivalent to college-preparatory or honors to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students at this level demonstrate concepts and skills to continue the enjoyment of music in community or professional settings. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.

VISUAL ARTS

05154G1001 INTRODUCTION TO VISUAL ARTS 1

1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

05154G1002 VISUAL ARTS 2

1 CREDIT

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in-depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

05154G1003 VISUAL ARTS 3

1 CREDIT

PREREQUISITE: VISUAL ARTS II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in studio processes, art criticism, aesthetics, and art history to provide a deeper understanding and appreciation of visual arts. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.

05154G1004 VISUAL ARTS 4

1 CREDIT

PREREQUISITE: VISUAL ARTS III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Student will demonstrate concepts and skills through continued exploration and experimentation with an advanced study in studio processes, art criticism, aesthetics, and art history. Students will demonstrate critical problem solving techniques to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art equivalent to college-preparatory or honors to reinforce a continued enjoyment of visual arts. Safe practices and proper use of tools and materials are emphasized.

280101 ADVANCED PLACEMENT (AP) ART HISTORY**1 CREDIT**

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; art history; western and non-western art; cultural influences in art; prehistoric through contemporary art; discovery and preservation of art; aesthetics; criticism; analysis and interpretation.

05159G1002 CERAMICS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in-depth foundation in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05159G1003 CERAMICS 3**1 CREDIT**

PREREQUISITE: CERAMICS (II) OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of ceramics. Safe practices and proper use of tools, equipment and materials are emphasized.

05159G1004 CERAMICS 4**1 CREDIT**

PREREQUISITE: CERAMICS (III) OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem-solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05165G1001 INTRODUCTION TO CRAFTS 1**1 CREDIT**

This one credit course, novice level, it is the first of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

05165G1002 CRAFTS 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO VISUAL ARTS, INTRODUCTION TO CRAFTS OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how craft arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in-depth study of foundations in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

05165G1003 CRAFTS 3**1 CREDIT**

PREREQUISITE: CRAFTS II OR APPROVAL OF THE INSTRUCTOR.

This one credit course, accomplished level, it is the third of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media to provide a deeper understanding and appreciation of craft arts. Safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design are emphasized.

05165G1004 CRAFTS 4**1 CREDIT**

PREREQUISITE: CRAFTS III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design.

05167G10D1 INTRODUCTION TO DIGITAL PHOTOGRAPHY 1**1 CREDIT**

This one credit course, novice level, it is the first of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

05167G10D2 DIGITAL PHOTOGRAPHY 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO DIGITAL PHOTOGRAPHY OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in-depth study in foundations of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

05167G10D3 DIGITAL PHOTOGRAPHY 3**1 CREDIT****PREREQUISITE: DIGITAL PHOTOGRAPHY II OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, accomplished level, it is the third of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems to provide a deeper understanding and appreciation of photography. Minimal use of analog photography may be incorporated.

05167G10D4 DIGITAL PHOTOGRAPHY 4**1 CREDIT****PREREQUISITE: DIGITAL PHOTOGRAPHY III OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, advanced level, it is the fourth of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.

05156G1002 DRAWING 2**1 CREDIT****PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how drawing communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05156G1003 DRAWING 3**1 CREDIT**

PREREQUISITE: DRAWING OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how drawing communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of drawing. Safe practices and proper use of tools, equipment and materials are emphasized.

05156G1004 DRAWING 4**1 CREDIT**

PREREQUISITE: DRAWING II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, is third of a sequential high school course focusing on the medium of drawing. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how drawing communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate

critical problem-solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the drawing studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary drawing process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05172E1000 ADVANCED PLACEMENT (AP) STUDIO ART: DRAWING 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation

05162G1001 INTRODUCTION TO GRAPHIC DESIGN 1 1 CREDIT

This one credit course, novice level, it is the first of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1002 GRAPHIC DESIGN 2 1 CREDIT

PREREQUISITE: INTRODUCTION TO GRAPHIC DESIGN OR APPROVAL OF THE INSTRUCTOR.

This one credit course, intermediate level, it is the second of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1003 GRAPHIC DESIGN 3 1 CREDIT

PREREQUISITE: GRAPHIC DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, it is the third of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the graphic design studio processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of graphic design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1004 GRAPHIC DESIGN 4**1 CREDIT****PREREQUISITE: GRAPHIC DESIGN III OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, advanced level, it is the fourth of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and expands core concepts in design to provide students with an advanced study equivalent to college-preparatory or honors in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05157G1002 PAINTING 2**1 CREDIT****PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how painting communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

05157G1003 PAINTING 3**1 CREDIT**

PREREQUISITE: PAINTING OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of painting. Safe practices and proper use of tools, equipment, and materials are emphasized.

05157G1004 PAINTING 4**1 CREDIT****PREREQUISITE: PAINTING II OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.

05154G10PA PRE-ADVANCED PLACEMENT ART (PRE-AP)**1 CREDIT**

PREREQUISITE: APPROVAL OF THE INSTRUCTOR. This course is an introduction to advance placement art courses with an emphasis in the visual arts.

05158G1002 SCULPTURE 2**1 CREDIT****PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how sculpture communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05158G1003 SCULPTURE 3**1 CREDIT**

PREREQUISITE: SCULPTURE OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to understand how sculpture communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of sculpture. Safe practices and proper use of tools, equipment and materials are emphasized.

05158G1004 SCULPTURE 4**1 CREDIT****PREREQUISITE: SCULPTURE II OR APPROVAL OF THE INSTRUCTOR.**

This one credit course, advanced level, is third of a sequential high school course focusing on the medium of sculpture. Creating, presenting, responding, and connecting drive critical thinking, meaning, reflection, production and assessment to understand how sculpture communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem solving techniques and provides students with an advanced study equivalent to college-preparatory or honors in the sculpture studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary sculpture process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1001 INTRODUCTION TO GRAPHIC DESIGN 1**1 CREDIT**

This one credit course, novice level, it is the first of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course introduces core concepts of visual communication principles and provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1002 GRAPHIC DESIGN 2**1 CREDIT**

PREREQUISITE: INTRODUCTION TO GRAPHIC DESIGN OR APPROVAL OF THE INSTRUCTOR. This one credit course, intermediate level, it is the second of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to further understand how graphic design communicates ideas and allows for self-expression. Through exploration and experimentation, this course increases development of core concepts in visual communication principles and

provides students with a foundation in the graphic design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1003 GRAPHIC DESIGN 3

1 CREDIT

PREREQUISITE: GRAPHIC DESIGN II OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, it is the third of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, this course provides students with a comprehensive study in the graphic design studio processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design to provide a deeper understanding and appreciation of graphic design. Safe practices and proper use of tools, equipment and materials are emphasized.

05162G1004 GRAPHIC DESIGN 4

1 CREDIT

PREREQUISITE: GRAPHIC DESIGN III OR APPROVAL OF THE INSTRUCTOR.

This one credit course, advanced level, it is the fourth of a sequential high school course focusing directly on graphic design. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how graphic design communicates ideas and allows for self-expression. Through continued exploration and experimentation, students will demonstrate critical problem-solving techniques and expands core concepts in design to provide students with an advanced study equivalent to college-preparatory or honors in the two-dimensional design processes, art criticism, aesthetics, and art history. Students will address graphic design problems to express ideas using a variety of traditional and contemporary media, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.

05154G10PA PRE-ADVANCED PLACEMENT ART (PRE-AP)

1 CREDIT

PREREQUISITE: APPROVAL OF THE INSTRUCTOR. This course is an introduction to advance placement art courses with an emphasis in the visual arts.

05153E1000 ADVANCED PLACEMENT (AP) ART HISTORY

1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; art history; western and non-western art; cultural influences in art; prehistoric through contemporary art; discovery and preservation of art; aesthetics; criticism; analysis and interpretation.

05172E1000 ADVANCED PLACEMENT (AP) STUDIO ART: DRAWING

1 CREDIT

NOTE: Arts Courses must contain the four artistic processes --Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation.

05175E100 ADVANCED PLACEMENT STUDIO ART: TWO-DIMENSIONAL DESIGN 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 2-D design; variety of concepts and approach in 2-D design; documentation.

05175E1000 ADVANCED PLACEMENT STUDIO ART: THREE-DIMENSIONAL DESIGN 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 3-D design; variety of concepts and approach in 3-D design; documentation.

05151G1000 VISUAL ARTS ELEMENTS OF ARTS LITERACY 1 CREDIT

This half credit course will provide instruction on the basic elements of art and principles of design of visual arts. Students will explore how to create and produce visual arts products, relating and connecting them to historical, current and personal events. Students will have an introduction to history of visual arts, and appropriate use of the visual arts medium.

22999C10AH ART HISTORY DUAL ENROLLMENT 1 CREDIT

This course covers the chronological development of different forms of art, such as sculpture, painting, and architecture. Emphasis is placed on history from the ancient period through the Renaissance. Upon completion, students should be able to communicate a knowledge of time period and chronological sequence including a knowledge of themes, styles and of the impact of society on the arts. **PREREQUISITE:** As required by college.

05153E1000 ART HISTORY ADVANCED PLACEMENT (AP) STUDY 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; art history; western and non-western art; cultural influences in art; prehistoric through contemporary art; discovery and preservation of art; aesthetics; criticism; analysis and interpretation.

05173E10HL ART HISTORY INTERNATIONAL BACCALAUREATE 1 CREDIT

NOTE: Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit and may only be offered through an approved International Baccalaureate (IB) Diploma Programme. Content relating to visual art including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world.

HEALTH EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR
rllowell@mcpss.com 221-6277

Health Education provides students with opportunities to apply health-related knowledge to personal life. Health is more than absences from disease; it involves one's mental, emotional, social, and environmental well-being. Through a strong health instructional program, students will acquire knowledge to directly influence their lives in a positive manner.

Course Descriptions

08051605 HEALTH EDUCATION .5 CREDIT

This required course is comprehensive in content and provides students with the opportunity to gain knowledge and skills necessary to make appropriate decisions concerning their health and health-related behaviors. This is a half-credit course which is required for graduation. It is recommended that students take this course in Grade 10.

08099610A5 ADVANCED HEALTH EXPLORATION .5 CREDIT

Course is designed to provide students with in-depth instruction in health concepts, issues, and careers; **does not fulfill the ½ health credit required for graduation**

08099G10 GLOBAL HEALTH 1 CREDIT

This course will provide students with an in-depth view into the profession of Allied Health Careers.

08099G10B5 NUTRITION AND DIET .5 CREDIT

With obesity rates at an all-time high and Alabama being the second most obese state in the country, the purpose of this course is designed to show high school students the impact proper nutrition has over a lifetime. It will also familiarize students with the physical, emotional, and psychological impact a healthy diet can have on one's body. This course will teach students how to select and prepare nutritious meals and snacks based on the United States Department of Agriculture (USDA) 2010 Guidelines and My Plate and the impacts technology and science plays in the nutrition and diet.

JUNIOR RESERVE OFFICER TRAINING CORPS

LTC (RET) ROBERT F. BARROW, SUPERVISOR

rbarrow@mcpss.com

221-5100

The mission of the Junior ROTC program is to motivate young people to be better citizens. The Course of Studies has a very high correlation to the ACT and Common Core Standards and Objectives. The curriculum is based on a systematic progression of learning that is designed for students' development at each level. The scope, focus and content of the instruction are sequential. It reflects and builds upon the previous semesters' curriculum. In addition to the emphasis placed on citizenship and leadership, the curriculum incorporates Health/Wellness, Basic First Aid, CPR, Drug Abuse Prevention, Presidential Physical Fitness Program, American History, Techniques of Communications, Safety, Human Relations, Technology Awareness and Career Opportunities.

Special Notes: Naval Science courses are offered only at Davidson High School. No military obligation or service connection is incurred by students due to or because of Junior ROTC training.

NON-TRADITIONAL STUDENTS WHO ENROLL IN JROTC PROGRAMS

Non-Traditional students are those who are homeschooled; yet, enroll in MCPSS to take part in JROTC activities that are not offered through their homeschool program. Non-traditional students interested in participating in JROTC must adhere to the following criteria:

- Student must follow the enrollment procedures for Non-Traditional students as written in the Registration section of the Educational Planning Guide.
- Student must provide their own transportation to and from school.
- The student must attend classes at the school at the prescribed hour on all regularly scheduled school days. District attendance guidelines are also applicable to homeschool students to include referral to truancy court if necessary.
- Special needs students will need to be assessed by district's Division of Special Services to determine if they qualify for accommodations under the Individuals with Disabilities Education Act (IDEA) and if they qualify for an Individualized Education Plan (IEP) or a 504 Plan.
- Students are expected to participate in all JROTC Curriculum activities and requirements to include physical fitness training, research projects, weekly exams, essays, and end of quarter/semester exams.
- Students must comply with grooming standards associated with the wear of JROTC cadet uniforms based on the branch of service sponsoring the program. Cadets traditionally wear their uniform a minimum of once per week.
- In order to participate in extra- and co-curricular activities, the student must meet Alabama High School Athletic Association "Academics First" criteria which include a minimum of a 2.0 grade point average (GPA) and not have any major code of conduct violations or other legal issues that might bring discredit to the JROTC program. The GPA requirement includes the calculation of homeschooled courses and traditional school grades.
- Students will have equal opportunity to qualify for competitive teams sponsored by JROTC. Those who earn the right to play must attend all practices as scheduled by the JROTC cadre. These typically take place after regular school hours and on weekends.
- Students may participate in any non-competitive JROTC extra-curricular activity with the approval of the JROTC cadre.

- Student is responsible for any lab fees or other expenses that are expected of regularly enrolled cadets.
- Traditional students who decide to be homeschooled because of failing grades are deemed ineligible to participate in JROTC for a period of 1 year.

Attendance procedures are as follows. If the JROTC class in which the NTS student is participating in is not offered during first block, then the NTS student must be enrolled in a first block. Period 1 is to be used as an attendance block in this situation (Course Number 22996X10SA – *NTS Student Attendance*). This course number will be added to the master schedule under the JROTC Instructor of the extracurricular activity.

Example of student's schedule:

<i>Block 1</i>	<i>Course name</i>	<i>Teacher</i>
22996X10SA	NTS Attendance	JROTC Instructor

Note: The student is not required to come to first block in this situation since it is only attendance. The JROTC Instructor will mark 1st block attendance once the student has reported to (for example) 4th Block – Army JROTC 1, which is also in the student's schedule.

Point of contact is the undersigned at 251-221-5100 or by email at rfbarrow@mcpss.com. These guidelines may be amended as needed in order to meet current or future legislative requirements.

ARMY JROTC COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
09051G1001	Army JROTC Leadership Education and Training I	Fall	Freshman
09051G1002	Army JROTC 1 B	Spring	Freshman
09052G1001	Army JROTC Leadership Education and Training II	Fall	Sophomore
09052G1002	Army JROTC 2 B	Spring	Sophomore
09053G1001	Army JROTC Leadership Education and Training III	Fall	Junior
09054G1002	Army JROTC 3B	Spring	Junior
09054G1001	Army JROTC Leadership Education and Training IV	Fall	Senior
09054G1002	Army JROTC 4B	Spring	Senior
09051G1012	Army JROTC Drill 1	Fall	Freshman
09051G1022	Army JROTC Drill 1B	Spring	Freshman
09052G1012	Army JROTC Drill 2	Fall	Sophomore
09052G1022	Army JROTC Drill 2B	Spring	Sophomore
09053G1012	Army JROTC Drill 3	Fall	Junior
09053G1022	Army JROTC Drill 3B	Spring	Junior
09054G1012	Army JROTC Drill 4	Fall	Senior
09054G1022	Army JROTC Drill 4B	Spring	Senior
09990G1003	Leadership and Foundations for Success	Both Semesters	Freshman

ARMY JROTC COURSE DESCRIPTIONS

09051G1001 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING I 1 CREDIT

This course is designed to develop knowledge of basic military skills, responsiveness to constituted authority, the Spirit of American Citizenship, and Army JROTC. Content includes written and oral communication, leadership theory, physical fitness, hygiene and first aid, and map reading. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS.** **Prerequisite:** Senior Army Instructor approval

09051G1002 ARMY JROTC 1B 1 CREDIT

This course is designed to develop an understanding of leadership traits and principles, citizenship, oral communication, physical fitness, health/wellness including drug prevention and CPR, motivational techniques such as "Unlocking Your Potential" and an awareness of military history.

THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.

09052G1001 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING II 1 CREDIT

This course is designed to develop an understanding of leadership techniques, oral and written communications, American military history, physical fitness, and a practical application of basic first aid measures including the prevention and treatment of snakebites, hot and cold weather injuries. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval

09052G1002 ARMY JROTC 2B 1 CREDIT

This course is designed to develop proficiency in health/wellness and CPR techniques, and an appreciation for self-awareness techniques ("Winning Colors"), modern technologies, career opportunities, and role of the U.S. Army, military history, and physical fitness. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Army Instructor approval.

09053G1001 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING III 1 CREDIT

This course begins the advance level of applied practical leadership providing opportunities for the student to use traits and principles of leadership in organizations and projects. It provides ongoing instruction in techniques of oral and written communication, map reading, and physical fitness. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.** **Prerequisite:** Senior Army Instructor approval

09054G1002 ARMY JROTC 3B 1 CREDIT

This course develops an understanding of the justice system (military and civilian), the role of the U.S. Armed Forces, safety (hunting and boating), orienteering, physical fitness, new technologies, military history, and motivational learning techniques such as "Power Learning." **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Army Instructor approval

09054G1001 ARMY JROTC LEADERSHIP EDUCATION AND TRAINING IV 1 CREDIT

This course refines elements of leadership with a focus on management theory and application regarding control of other than human resources. It provides continue instruction in techniques of communications, staff functions and procedures, physical fitness, and American Government. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Army Instructor approval

09054G1002 ARMY JROTC 4B**1 CREDIT**

This course develops proficiency in command and staff procedures, physical fitness, military parades and ceremonies, citizenship, science and new technologies and communications. Students must demonstrate ability to speak to large audiences, perform staff briefings and prepare staff reports, write resumes and cover letters, and complete job applications. They must also apply problem solving/decision making skills in leadership and supervisory positions of authority. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Army Instructor approval

09990G1003 LEADERSHIP AND FOUNDATIONS FOR SUCCESS**1 CREDIT**

This course provides each student an understanding of leadership theories, techniques, traits and principles with an in depth focus on oral and written communication. Students develop a foundation of requisite skill necessary to successfully complete high school by focusing on personal self-awareness, brain structure and function, individual learning styles, multiple intelligences and conflict resolution. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS.** **Special Note:** Currently a required course for all incoming freshmen students at Blount, Citronelle, LeFlore, Rain, Vigor, and Williamson.

09051G1012 ARMY JROTC DRILL 1**1 CREDIT**

This freshman course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09051G1022 ARMY JROTC DRILL 1B**1 CREDIT**

This freshman course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09052G1012 ARMY JROTC DRILL 2**1 CREDIT**

This sophomore course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09052G1022 ARMY JROTC DRILL 2B**1 CREDIT**

This sophomore course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09053G1012 ARMY JROTC DRILL 3**1 CREDIT**

This junior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09053G1022 ARMY JROTC DRILL 3B**1 CREDIT**

This junior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09054G1012 ARMY JROTC DRILL 4**1 CREDIT**

This senior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

09054G1022 ARMY JROTC DRILL 4B**1 CREDIT**

This senior course develops proficiency in drill and ceremonies and color guard procedures for the school's varsity Drill & Color Guard teams. As a state recognized competitive event, this full-block course allows cadets to achieve maximum proficiency in military precision drill. Cadets assigned to this course must be preapproved. The course includes an embedded ½ credit for Physical Education. **Prerequisite:** Senior Army Instructor approval

NAVAL SCIENCE COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
09101G1001	Naval Science 1: Introduction to the US Navy	Fall	Freshman
09101G1002	Naval Science 1B	Spring	Freshman
09102G1001	Naval Science: Maritime History, Leadership, and Nautical Sciences	Fall	Sophomore
09102G1002	Naval Science 2B	Spring	Sophomore
09103G1001	Naval Science 3: Naval Knowledge and Skills	Fall	Junior
09103G1002	Naval Science 3B	Spring	Junior
09104G1001	Naval Science 4: Advanced Naval Leadership	Fall	Senior
09104G1000	Naval Science 4B	Spring	Senior
09101G1003	Naval Leadership Lab and Drill 1	Fall/Spring	Freshman
09102G1003	Naval Leadership Lab and Drill 2	Fall/Spring	Sophomore
09103G1003	Naval Leadership Lab and Drill 3	Fall/Spring	Junior
09104G1003	Naval Leadership Lab and Drill 4	Fall/Spring	Senior

NAVAL JROTC COURSE DESCRIPTIONS

09101G1001 NAVAL SCIENCE 1: INTRODUCTION TO THE US NAVY 1 CREDIT

This course is designed to teach the basic elements of national security and personal obligations as American citizens. Patriotism and personal responsibility are stressed. Health/Wellness, CPR, physical fitness and basic military drill are introduced. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR CAREER PREPAREDNESS.**

Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

09101G1002 NAVAL SCIENCE 1B 1 CREDIT

This course is designed to develop knowledge of naval ships and their mission, ship construction and damage control and firefighting. Maritime Geography is introduced. Health/Wellness including drug awareness, CPR, physical Fitness and basic military drill are continued. **THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

09102G1001 NAVAL SCIENCE 2: MARITIME HISTORY, LEADERSHIP, AND NAUTICAL SCIENCES 1 CREDIT

This course is designed to develop an understanding of leadership techniques, oral and written communication, American military history, Naval enlisted careers and sea service officer programs. A practical application of basic first aid, physical fitness and military drill are provided.

THIS COURSE PROVIDES EMBEDDED CREDIT FOR PHYSICAL EDUCATION.

Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

09102G1002 NAVAL SCIENCE 2B 1 CREDIT

This course is designed to develop an understanding of navigation fundamentals, naval communication, intelligence and national security. First aid and health education, physical fitness and military drill are provided. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

09103G1001 NAVAL SCIENCE 3: NAVAL KNOWLEDGE AND SKILLS 1 CREDIT

This course provides ongoing instruction in communication skills, leadership, citizenship, physical fitness and military drill. Principals of military and civilian justice, international law at sea and national security are also covered. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval. **Special Note:** Currently offered at Davidson

09103G1002 NAVAL SCIENCE 3B 1 CREDIT

This course provides naval history from WWII to Desert Storm, naval operations, meteorology and the principal of electricity. Ongoing physical fitness and military drill training is provided. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval.

Special Note: Currently offered at Davidson

09104G1001 NAVAL SCIENCE 4: ADVANCED NAVAL LEADERSHIP 1 CREDIT

This course provides an in-depth look at the principals of leadership, ethics and problem solving. Students are required to perform in leadership roles while demonstrating communication and teaching techniques. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval.

Special Note: Currently offered at Davidson

09104G1000 NAVAL SCIENCE 4B**1 CREDIT**

This course continues advance leadership and ethics training. Students are required to demonstrate the ability to direct large groups, provide one-on-one instruction, present briefing and exhibit problem solving/decision making techniques. **THIS COURSE PROVIDES AN EMBEDDED (.5 CREDIT) FOR PHYSICAL EDUCATION.**

Prerequisite: Senior Naval Science Instructor approval **Special Note:** Currently offered at Davidson

09101G1003 NAVAL LEADERSHIP LAB AND DRILL 1**1 CREDIT**

A one credit course designed for the first year cadet to introduce, build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

09102G1003 NAVAL LEADERSHIP LAB AND DRILL 2**1 CREDIT**

A one credit course (40 minutes daily) designed for the second year cadet to build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

09103G1003 NAVAL LEADERSHIP LAB AND DRILL 3**1 CREDIT**

A one credit course (40 minutes daily) designed for the third year cadet to build and refine leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

09104G1003 NAVAL LEADERSHIP LAB AND DRILL 4**1 CREDIT**

A one credit course (40 minutes daily) designed for the fourth year cadet to build, refine and direct leadership/followership skills through practical applications of drill and other team activities. This course will have the same students for the entire school year.

ARMY AND NAVAL SCIENCE 1/2 CREDIT COURSE OPTIONS

COURSE NUMBER	COURSE TITLE	SEMESTER	COURSE LEVEL
09004G0500	JROTC Leadership Application: AJROTC and NJROTC	Each Quarter	Grades 10-12
<i>NOTE:</i>	Normally paired w/Health, Driver's Ed, or Team Sports	This course DOES NOT AWARD PE CREDIT	
	LeFlore High School: paired with 480070 as a part of the Public Safety Academy		
09990G0503	Citizenship and the Constitution: JROTC	Each Quarter	Grades 10-12
<i>NOTE:</i>	LeFlore High School: paired with 480070 as a part of the Public Safety Academy	This course DOES NOT AWARD PE CREDIT	
09997G1001	Senior Career Pathway Project	Each Quarter	Grades 10-12

COURSE DESCRIPTIONS

09004G0500 JROTC LEADERSHIP APPLICATION: AJROTC AND NJROTC

.5 CREDIT

This course provides students the opportunity to become proficient in the practical application of basic and advanced military skill through the development of individual leadership abilities, confidence, self-esteem, discipline, and teamwork. Content includes execution of military drill and ceremonies, physical training and leadership lab applications. Course is designed to give flexibility to cadets needing to take a required ½ credit course in another area of study and wanting to remain active in JROTC. (Does not meet requirement for JROTC PE Credit) **Special Note:** Currently a required course for all incoming freshmen students at LeFlore as part of Public Safety Academy Pathway

09990G0503 CITIZENSHIP AND THE CONSTITUTION: JROTC

.5 CREDIT

This course is designed to provide the student an appreciation for the citizen's role in our democratic society. The US Constitution, its history and development and citizen's rights and responsibilities are studied. (Does not meet requirement for JROTC PE Credit) **Special Note:** Currently a required course for all incoming freshmen students at LeFlore as part of Public Safety Academy Pathway

09997G1001 SENIOR CAREER PATHWAY: GOVERNMENT AND PUBLIC ADMINISTRATION

1 CREDIT

It is designed to provide students with work experience in the field of public administration and is over seen by the CO-OP Coordinator and JROTC instructor at each respective high school. There are specific requirements associated with this course and students must be pre-approved prior to registration. Students enrolled in this course will be allowed to leave campus early to meet the terms on the Internship agreements with the various agencies to which students may be assigned. This course is associated with CO-OP/Internship agreement with local government and public service agencies in the district. (Does not meet requirement for JROTC PE Credit)

MATHEMATICS EDUCATION

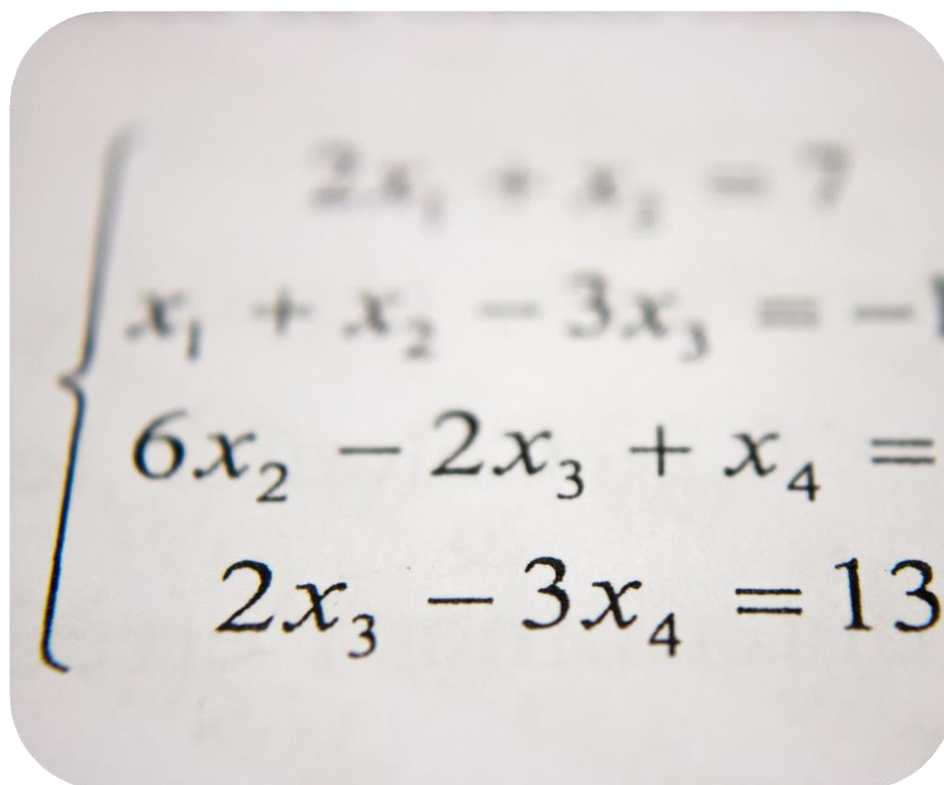
DR. PAUL J. AGNEW, SUPERVISOR

pjagnew@mcpss.com 221-4084

The goal of the Mathematics Education program is to prepare students for future opportunities and options in the workplace and for everyday life. This goal is accomplished through building mathematical foundations that enable all students to become college-and career-ready. The most basic level for building a mathematical foundation is for students to think and reason mathematically while building productive work habits. As students apply mathematical ways of thinking to everyday challenges and practice communicating their understanding, they gain power as problem solvers and fluency in procedural skills.

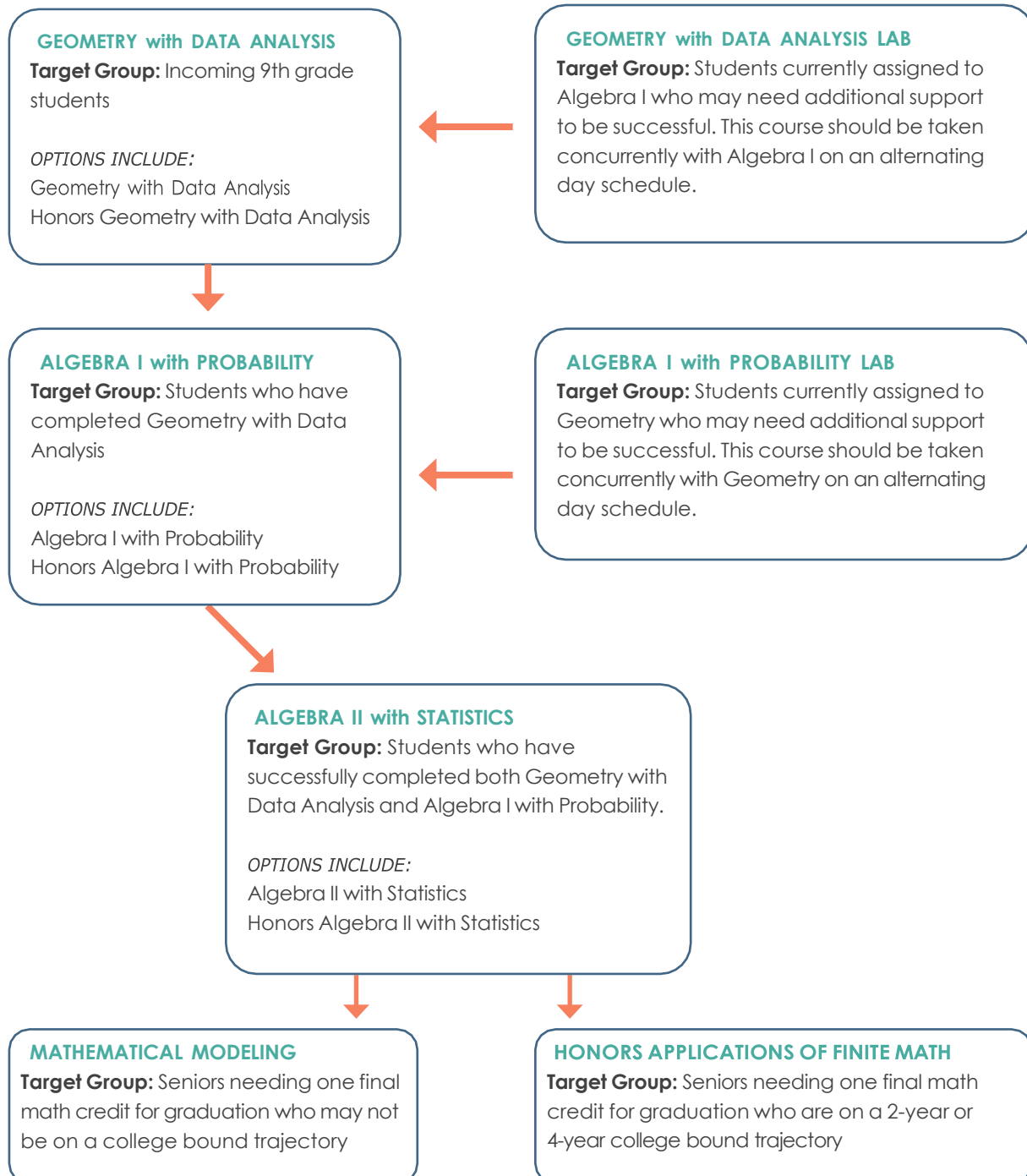
The State of Alabama requires four mathematics credits for graduation, including successful completion of Algebra 1, Geometry, and Algebra II with Trigonometry or Algebra II. The duration of each course listed below will be one term.

MCPSS requires students to enroll in a mathematics course each year in high school.


$$\left\{ \begin{array}{l} 2x_1 + x_2 = 7 \\ x_1 + x_2 - 3x_3 = -1 \\ 6x_2 - 2x_3 + x_4 = \\ 2x_3 - 3x_4 = 13 \end{array} \right.$$

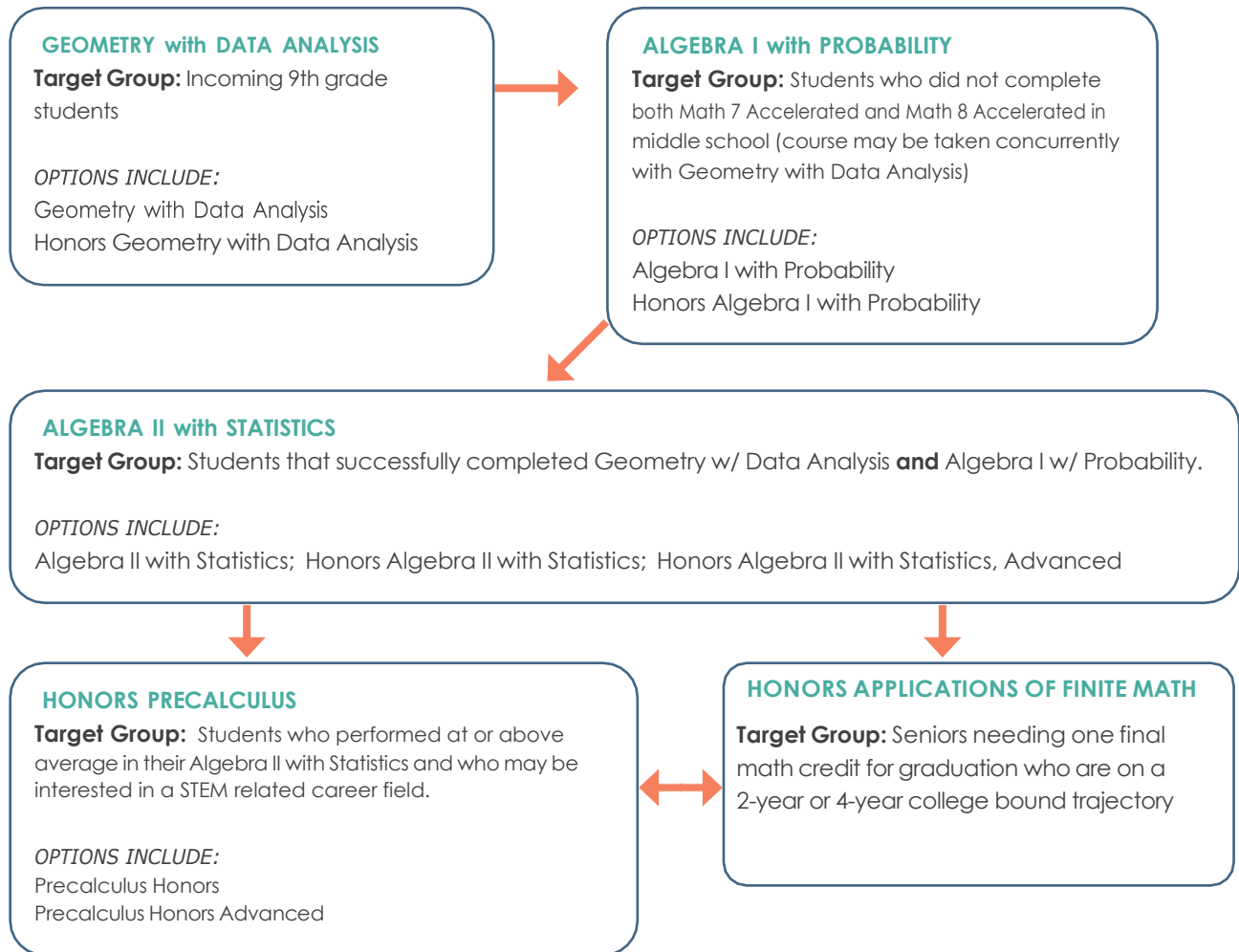
MOBILE COUNTY PUBLIC SCHOOL SYSTEM

MATHEMATICS COURSE PROGRESSION CHART Regular Diploma Track SY 2021 – 2022



MOBILE COUNTY PUBLIC SCHOOL SYSTEM

MATHEMATICS COURSE PROGRESSION CHART Honors Diploma Track SY 2021 – 2022



ADDITIONAL UPPER LEVEL MATH COURSEWORK OPTIONS AVAILABLE

CALCULUS
Target Group: Students who have successfully completed Honors Precalculus.

OPTIONS INCLUDE:
AP Calculus AB
AP Calculus BC

STATISTICS
Target Group: Students who have successfully completed Algebra II with Statistics.

OPTIONS INCLUDE:
AP Statistics

COMPUTER SCIENCE
Target Group: Students who have successfully completed Algebra II with Statistics.

OPTIONS INCLUDE:
Computer Science Principles
AP Computer Science A

COURSE DESCRIPTIONS

02073G1000 GEOMETRY WITH DATA ANALYSIS

1 CREDIT

Geometry with Data Analysis is the first of three required courses in high school mathematics. In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. Prerequisite: Math 8. Special Note: For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability.

02996G10G1 GEOMETRY WITH DATA ANALYSIS LAB

1 CREDIT

This course is taken as a general elective to provide support and enhancement of the content taught in Geometry with Data Analysis through real-world applications, project-based learning, and student discussions. Special Note: Taken concurrently with Geometry with Data Analysis.

02073H1000 HONORS GEOMETRY WITH DATA ANALYSIS

1 CREDIT

Honors Geometry with Data Analysis is the first of three required courses in high school mathematics. In Honors Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. Prerequisite: Math 8. Special Note: For students who opt to accelerate their mathematical pathways in the 9th grade, Honors Geometry with Data Analysis may also be taken concurrently with Honors Algebra I with Probability.

02073E1000 HONORS GEOMETRY WITH DATA ANALYSIS, PRE-INTERNATIONAL BACCALAUREATE (IB)

1 CREDIT

Honors Geometry with Data Analysis IB incorporates knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. In addition to mastery of competencies required in Geometry with Data Analysis, this course expands students' understanding through the incorporation of challenging curricular options for high-end learning offered through the International Baccalaureate (IB) program of study. Prerequisite: Acceptance into the Pre-IB Academy. Special Note: Only offered at Murphy HS and Davidson HS.

02052G1000 ALGEBRA I WITH PROBABILITY

1 CREDIT

Algebra I with Probability builds upon algebraic concepts studied in middle school mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9, or students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis.

02996G10A1 ALGEBRA I WITH PROBABILITY LAB

1 CREDIT

This course is taken as a general elective to provide support and enhancement of the content taught in Algebra I with Probability through real-world applications, project-based learning, and student discussions. Special Note: Taken concurrently with Algebra I with Probability.

02052H1000 HONORS ALGEBRA I WITH PROBABILITY**1 CREDIT**

Honors Algebra I with Probability builds upon algebraic concepts studied in middle school mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Honors Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9, or students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Honors Algebra I with Probability concurrently with Honors Geometry with Data Analysis.

02056G1000 ALGEBRA II WITH STATISTICS**1 CREDIT**

Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Prerequisite: Geometry with Data Analysis and Algebra I with Probability (or successful completion of both Math 7 Accelerated and Math 8 Accelerated). Recommended Next Course: Mathematical Modeling or Honors Applications of Finite Mathematics.

02056H1000 HONORS ALGEBRA II WITH STATISTICS**1 CREDIT**

Honors Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Prerequisite: Geometry with Data Analysis and Algebra I with Probability (or successful completion of both Math 7 Accelerated and Math 8 Accelerated). Recommended Next Course: Honors Applications of Finite Mathematics or Honors Precalculus.

02056E1000 HONORS ALGEBRA II WITH STATISTICS, ADVANCED**1 CREDIT**

Honors Algebra II with Statistics Advanced builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Prerequisite: Geometry with Data Analysis and Algebra I with Probability (or successful completion of both Math 7 Accelerated and Math 8 Accelerated). Recommended Next Course: Honors Precalculus

02999G10D1 EPIC MATH SPECIAL TOPICS: INFINITY**1 CREDIT**

This course will provide EPIC students with a formal class to synthesize their math and problem-solving skills as they apply an engineering protocol to engineering problems. Special Note: Only offered at Davidson HS.

02999G10D2 EPIC MATH SPECIAL TOPICS: FLUID DYNAMICS**1 CREDIT**

This course will provide EPIC students with a formal class to synthesize their math and problem-solving skills as they apply an engineering protocol to engineering problems. Prerequisite: EPIC Math Special Topics -- Infinity. Special Note: Only offered at Davidson HS.

02138G1000 THE ELEMENTS OF COLLEGE MATHEMATICS**1 CREDIT**

This algebra, functions, and statistics course emphasizes understanding of math concepts rather than procedural memorization. Students' conceptual understanding of mathematics is strengthened by engaging them in solving real-world applications. The course is built with rigor, innovative instructional strategies, and a concentration on contextual learning which develops critical-thinking skills that students will utilize through-out their high school studies and beyond. The course consists of eight units, culminating in a capstone project.

Special Note: Teacher must attend training prior to teaching this course.

02137G1000 MATHEMATICAL MODELING**1 CREDIT**

Mathematical Modeling is developed to expand on and reinforce the concepts introduced in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry). Special Notes: Students may not receive credit for both Mathematical Modeling and Algebra with Finance, as Mathematical Modeling includes mathematics content that also appears in the Algebra with Finance course. It is recommended that Mathematical Modeling be a senior-level course.

02136G1000 HONORS APPLICATIONS OF FINITE MATHEMATICS**1 CREDIT**

Honors Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry). Special Notes: Students may not receive credit for both Honors Applications of Finite Mathematics and Honors Discrete Mathematics. It is recommended that Honors Applications of Finite Mathematics be a senior-level course.

02110G1000 HONORS PRECALCULUS**1 CREDIT**

This course emphasizes the study of functions, rates of change, and other skills necessary for the study of calculus. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Application-based problem solving is an integral part of the course. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry)

02110E1000 HONORS PRECALCULUS, ADVANCED**1 CREDIT**

This course emphasizes the study of functions, rates of change, limits, and other skills necessary for the study of calculus. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. The focus of the course is on relating these conceptual mathematical topics to issues arising in the fields of science, engineering, and technology. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry)

02131E10SL HONORS PRECALCULUS, INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

This course emphasizes the study of functions, rates of change, limits, and other skills necessary for the study of calculus. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. The course integrates the skills outlined in the International Baccalaureate (IB) program of study. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry). Special Note: Only offered at Murphy HS and Davidson HS.

02999C1002 DUAL ENROLLMENT (DE) PRECALCULUS: PRECALCULUS ALGEBRA (MTH 112)**1 CREDIT**

This course emphasizes the algebra of functions and includes polynomial, rational, exponential, logarithmic functions; systems of equations and inequalities; the binomial theorem; and quadratic inequalities. Prerequisite: Students must meet the requirements of the dual enrollment program.

02999C1003 DUAL ENROLLMENT PRECALCULUS (DE): PRECALCULUS TRIGONOMETRY (MTH 113) 1 CREDIT

This course is designed to prepare students for work in analytical geometry and calculus. Emphasis is placed on trigonometric or circular functions, graphical representations, polar coordinates, the Law of Sines and the Law of Cosines, trigonometric equations, inverse functions, vectors, and complex numbers. Prerequisite: Student must meet the requirements of the dual enrollment program.

02999C1004 DUAL ENROLLMENT PRECALCULUS: PRECALCULUS (MTH 115) 1 CREDIT

This course uses laboratory and discovery methods of instruction to model the applications of limits, functions, and other concepts learned in Precalculus.

Prerequisite: Student must meet the requirements of the dual enrollment program

02203E1000 STATISTICS, ADVANCED PLACEMENT (AP) 1 CREDIT

This course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data by describing patterns and departures from patterns; sampling and experimentation through planning and conducting a study; anticipating patterns by exploring random phenomena using probability and simulation; and statistical inference through estimation of population parameters and testing hypotheses. Prerequisite: Algebra II with Statistics (Algebra II with Trigonometry).

02124E1000 CALCULUS AB, ADVANCED PLACEMENT (AP) 1 CREDIT

This course begins the study of the theory and techniques of differential and integral calculus. Topics include the limits of a function, the derivative of functions, and the definite integral and its basic applications to area problems. Students may take the Advanced Placement (AP) examination in Calculus AB in order to qualify for college credit. College credit is determined by the score made on the AP exam and the receiving post-secondary institution.

Prerequisite: Precalculus Honors

02125E1000 CALCULUS BC, ADVANCED PLACEMENT (AP) 1 CREDIT

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics related to polar and parametric functions as well as sequences. The content of Calculus BC is designed to qualify the student for placement and credit in a course that is one course beyond that granted for Calculus AB (based on the attainment of a qualifying score on the AP Calculus BC exam).

Prerequisite: Precalculus Honors

02140E10HL CALCULUS, INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This course begins the study of the theory and techniques of differential and integral calculus. Topics include the limits of a function, the derivative of functions, and the definite integral and its basic applications to area problems. The content of the course includes those standards outlined in the International Baccalaureate (IB) program of study.

Prerequisite: Precalculus IB. Special Note: Only offered at Murphy HS and Davidson HS.

02999C1005 DUAL ENROLLMENT CALCULUS (MTH 125) 1 CREDIT

This is the first of three courses in the basic calculus sequence taken primarily by students in science, engineering, and mathematics. Topics include the limit of a function; the derivative of functions; and the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. This is a college-level course with credit awarded based on the requirements of the Dual Enrollment Program. Prerequisite: Precalculus Honors or Dual Enrollment Precalculus.

10019E1000 COMPUTER SCIENCE PRINCIPLES, ADVANCED PLACEMENT (AP) 1 CREDIT

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.

10157E1000 COMPUTER SCIENCE A, ADVANCED PLACEMENT (AP) 1 CREDIT

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development.

02139E10HL MATHEMATICS: APP AND INTERPRET, HL, INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This course uses mathematics to describe the world and solve practical problems, harnessing the power of technology while also exploring mathematical models. The focus of the course is on topics used as applications and on mathematical modeling, with extensive use of technology to explore and construct mathematical models and explore challenging problems through use of technology. Special Note: Only offered at Murphy HS and Davidson HS.

PHYSICAL EDUCATION

MR. R. BRAD LOWELL, SUPERVISOR

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221-6277

The primary goal of all education is the development of the total individual. Skills and knowledge acquired through a comprehensive Physical Education program serve to develop active and healthy lifestyles and to enhance the quality of life. Thus, Physical Education is an essential component of the total school curriculum. The ultimate goal of the Physical Education program is to develop fit and skillful movers.

Course Descriptions

08017610 BEGINNING KINESIOLOGY 1 CREDIT

NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.

Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.

08004610 ADVENTURE AND COOPERATIVE ACTIVITIES 1 CREDIT

Elective class that will allow students to progress through an experience-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence while acquiring a sense of commitment to and trust in their classmates. It is designed to expose students to a variety of outdoor skills. **Prerequisite:** Beginning Kinesiology

08003610AA TEAM SPORTS 10 .5 CREDIT

Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

08003610AB TEAM SPORTS 11 .5 CREDIT

Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

08003610AC TEAM SPORTS 12 .5 CREDIT

Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology.

08003610BA PHYSICAL EDUCATION 10 1 CREDIT

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

08003610BB PHYSICAL EDUCATION 11**1 CREDIT**

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

08003610BC PHYSICAL EDUCATION 12**1 CREDIT**

This course is for students taking Physical Education as a general elective. Skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics. **THIS COURSE DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.**

08003610CA BOWLING**1 CREDIT**

This course teaches the fundamentals of bowling skills, strategies, and scoring. This course is for beginning, intermediate, or advanced bowling students.

08003610CB BOWLING**.5 CREDIT**

This course teaches the fundamentals of bowling skills, strategies, and scoring. This course is for beginning, intermediate, or advanced bowling students.

08019610 SPORTS OFFICIATING CERTIFICATION**1 CREDIT**

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course students will be afforded the option to take certification exams for any of the sport components to become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level. The prerequisite for this course is Beginning Kinesiology or its equivalent. The student must be age 16 or older, or turn age 16 during the academic school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any sport).

08017610AL ATHLETIC TRAINING**1 CREDIT**

This course is designed to familiarize the high school student with the theories, skills, and techniques necessary for athletic training profession.

08005610AL WEIGHT TRAINING 10**1 CREDIT**

This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

08005610BL WEIGHT TRAINING 11**1 CREDIT**

This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

08005610CL WEIGHT TRAINING 12**1 CREDIT**

This course is designed for students to acquire basic knowledge and skills in weight training and to improve muscular strength and endurance.

VARSITY ATHLETICS

08003610DA ARCHERY 10

1 CREDIT

This course is designed to introduce students to the basic techniques of indoor target archery emphasizing the care and use of equipment, range safety, stance and shooting techniques, scoring, and competition.

08003610DB ARCHERY 11

1 CREDIT

This course is designed to introduce students to the basic techniques of indoor target archery emphasizing the care and use of equipment, range safety, stance and shooting techniques, scoring, and competition.

08003610DC ARCHERY 12

1 CREDIT

This course is designed to introduce students to the basic techniques of indoor target archery emphasizing the care and use of equipment, range safety, stance and shooting techniques, scoring, and competition.

08013610 VARSITY BASEBALL

1 CREDIT

This course covers baseball techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to play baseball at a competitive level.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610BK VARSITY BASKETBALL

1 CREDIT

This course covers fundamentals of basketball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive basketball.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08015610BA VARSITY BOWLING

1 CREDIT

This course covers bowling techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to participate in competitive Bowling.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08015G10FS VARSITY CASTING, ANGLING, FISHING

1 CREDIT

This course covers casting, angling, and fishing techniques. Emphasis is placed on refining skills and developing more advanced strategies and techniques. Upon completion, students should be able to participate in competitive Casting, Angling, Fishing. **PREREQUISITE:** Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08006G10CH VARSITY CHEERLEADING

1 CREDIT

This course covers cheerleading techniques. Emphasis is placed on developing skills, strategies, and techniques. Upon completion, students should be able to participate on a cheerleading squad. **PREREQUISITE:** Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610CC VARSITY CROSS COUNTRY**1 CREDIT**

This course covers cross country techniques. Emphasis is placed on developing skills and strategies and techniques. Upon completion, students should be able to participate in competitive cross country.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610FB VARSITY FOOTBALL**1 CREDIT**

This course covers fundamentals of football. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive football.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

0801361060 VARSITY GOLF**1 CREDIT**

This course covers fundamental phases of golf. Emphasis is placed on refining the fundamental skills and learning more phases of the game such as club selection, trouble shots, and course management. Upon completion, students should be able to demonstrate the knowledge and ability to play competitive golf.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610SC VARSITY SOCCER**1 CREDIT**

This course covers fundamentals of soccer. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive soccer.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610SB VARSITY SOFTBALL**1 CREDIT**

This course covers fundamentals of softball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive softball.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08010G10SW VARSITY SWIMMING**1 CREDIT**

This course covers fundamentals of swimming. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive swimming.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08011G10TN VARSITY TENNIS**1 CREDIT**

This course covers fundamentals of tennis. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive tennis.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013G10TF VARSITY TRACK AND FIELD**1 CREDIT**

This course covers fundamentals of track and field. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive track and field.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013610VB VARSITY VOLLEYBALL**1 CREDIT**

This course covers fundamentals of volleyball. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive volleyball.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

08013G10WR VARSITY WRESTLING**1 CREDIT**

This course covers fundamentals of wrestling. Emphasis is placed on skill development, knowledge of the rules, and basic game strategy. Upon completion, students should be able to participate in competitive wrestling.

PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent.

SCIENCE EDUCATION

MRS. STEPHANIE LEGRONE, SUPERVISOR

slegrone@mcpss.com 221-4090

The Science Education program is directed toward meeting the spectrum of science education needs for students. The needs range from development of scientifically literate citizens to preparation of professional scientists. Four (4) credits must be earned in science courses to meet Alabama's graduation requirements.

Special Note for all classes:

1. Laboratory investigations of selected topics are an integral part of each science course.
2. The instructional program for each of the biological science courses includes dissection laboratories. Students may be excused from participating in dissection laboratories upon written request from a parent or a guardian. Alternative activities in lieu of dissections may include anatomical studies on models, microscopic studies of animal cells, observational studies of animals, film/filmstrip viewing, and simulated computer studies.
3. Safety contracts will be mandatory for ALL science students before allowing laboratory participation. For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

18306G1002 AQUACULTURE SCIENCE

1 CREDIT

A one-credit course designed to introduce students to physical and biological concepts and skills in aquaculture. Emphasis is placed on integration of knowledge to solve problems and broaden depth of understanding about water chemistry and management, aquaculture systems, aquatic biology, and health and sanitation.

03051G1000 BIOLOGY

1 CREDIT

NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. MAY NOT BE DIVIDED INTO BIOLOGY 1 AND 2. Inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

03051H1000 BIOLOGY HONORS

1 CREDIT

NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. MAY NOT BE DIVIDED INTO BIOLOGY 1 AND 2. Advanced inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

03051H1000 BIOLOGY PRE-INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is a Pre-International Baccalaureate (IB) course for the advanced student. Pre-IB Biology is a survey course that provides rigorous, accelerated lab-based experiences and activities involving observation and data collection as a major part of this course. An independent science research project is required.

Prerequisite: Students must have been accepted into the Pre-IB Academy

Special Note: Currently offered at Murphy AND Davidson **Special Note:** Credit may be earned in either Biology 1, Honors Biology 1, or Biology 1 Pre-IB, but not all three.

03051E10CB BIOLOGY IGCSG: CAMBRIDGE 1 CREDIT

This course is preparatory to the Cambridge AICE curriculum. This is a survey course in which learners gain an understanding of the basic principles of biology through a mix of theoretical and practical studies as prescribed in the IGCSE Biology (0610) curriculum. As they progress, learners understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities, and the environment. **Prerequisite:** Acceptance into Cambridge program **Special Note:** Credit may be earned in either Biology 1, Honors Biology 1, IGCSE Biology, or Biology 1 Pre-IB, but not all four.

03056E1000 BIOLOGY 2: ADVANCED PLACEMENT (AP) 1 CREDIT

NOTE: BIOLOGY COURSES 220011, 220012, AND 220013 ARE ALL DEVELOPED FROM THE BIOLOGY CORE. THESE THREE COURSES ARE THE ONLY SCIENCE COURSES THAT FULFILL THE "BIOLOGY" GRADUATION REQUIREMENT. **PREREQUISITE:** IT IS RECOMMENDED THAT THE AP BIOLOGY COURSE IS DESIGNED TO BE TAKEN AFTER THE SUCCESSFUL COMPLETION OF A FIRST COURSE IN HIGH SCHOOL BIOLOGY AND ONE IN HIGH SCHOOL CHEMISTRY AS WELL. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations.

03999C1004 PRINCIPLES OF BIOLOGY I DUAL ENROLLMENT BISHOP STATE COMMUNITY COLLEGE 1 CREDIT

This dual enrollment course, offered through the MCPSS and Bishop State Community College, is an introductory course for both Science and Non-Science majors. It covers physical, chemical, and biological principles common to all organisms. These principles are taught through the study of cell structure, function, reproduction, and classical genetics. The scientific method, a brief overview of the diversity of life, and historical elements are also presented. Laboratory is required. **Prerequisite:** Biology 1 Chemistry 1 AND student must meet the requirements of the Dual Enrollment Program. **Special Note:** Biology 2 AP, Biology 2 Dual Enrollment or Biology 2 IB, but not all three.

03057E10SL BIOLOGY 2: INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on advanced concepts in biology and comprehensive laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the higher level.

Prerequisite: Students must have been accepted into the IB Academy. **Special Note:** Currently offered at Murphy and Davidson. Biology 2 AP, Biology 2 Dual Enrollment or Biology 2 IB, but not all three.

03057E10HL BIOLOGY 3: INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on advanced concepts in biology and comprehensive laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the higher level. **Prerequisite:** Students must have been accepted into the IB Academy AND Biology 2 IB. **Special Note:** Currently offered at Murphy AND Davidson.

220043ah BIOLOGY RESEARCH AND DESIGN: ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory-based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. **Prerequisite:** AP Biology course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

18308G1002 PLANT BIOTECHNOLOGY 1 CREDIT

This is a course that provides students with an opportunity to develop an understanding of plant genetics and biotechnology relative to agriculture-related products and services. Emphasis is placed on cellular biology, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology. **Special Note:** Elective Credit, not Science Credit.

03101H1000 CHEMISTRY HONORS 1 CREDIT

This course provides students with a study of the composition, properties, and changes associated with matter. The contents include classification and structure of matter, atomic theory, periodic table, bonding, chemical formulas, chemical reaction and balanced equations; behavior of gases, physical changes, acids, bases, and salts; and energy associated with physical and chemical change. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** Biology AND Algebra 1 **Special Note:** A student who has successfully passed Physical Science MAY take Chemistry CP.

03101H10IB CHEMISTRY 1 COLLEGE PREP INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on principles and mathematical concepts in the study of chemistry. An independent science research project is required.

Prerequisite: Student must have been accepted into the IB Academy

Special Note: Currently offered at Murphy AND Davidson

03106E1000 CHEMISTRY 2 ADVANCED PLACEMENT (AP) 1 CREDIT

This course provides a study of the development and application of chemistry principles and concepts. The contents include that which is designated in the Advanced Placement Program. This is comparable to a first year college level course. Students take an examination at the completion of the term to receive AP credit. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** Chemistry 1 AND Instructor Approval

Special Note: Credit may be earned in only Chemistry 2 IB or Chemistry 2 AP. It is highly recommended that students enrolled for this course one semester be enrolled in Chemistry Research and Design AP the other semester.

03101E10CB CHEMISTRY IGCSE 1 CREDIT

This course is preparatory to the Cambridge AICE curriculum. This is a survey course in which learners gain an understanding of the basic principles of chemistry through a mix of theoretical and practical studies as prescribed in the IGCSE chemistry (0630) curriculum. As they progress, learners understand scientific phenomena, facts, laws, definitions, concepts, and theories; scientific vocabulary, terminology, and conventions; scientific instruments and apparatus; and scientific and technological applications with their social, economic, and environmental implications.

Prerequisite: IGCSE Biology

03107E10SL CHEMISTRY 2 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course for the advanced student. Emphasis is placed on chemical calculations, mathematical formulation of principles, and laboratory work by the student. An independent science research project is required. Students enrolled in this course will take the IB exam at the subsidiary level. **Prerequisite:** Students must have been accepted into the IB Academy AND have Instructor Approval. **Special Note:** Credit may be earned in only Chemistry 2 AP or Chemistry 2 IB but not both

03107E10HL CHEMISTRY 3 INTERNATIONAL BACCALAUREATE (IB) 1 CREDIT

This is an International Baccalaureate (IB) course. This course is designed for the advanced student who demonstrated interest, responsibility, and maturity in IB Chemistry 2. An independent science research project is required. Students enrolled in this course will take the IB exam at the subsidiary level or higher level.

Prerequisite: Student must have been accepted into the IB Academy AND have Instructor Approval.

03108G1000 CHEMISTRY RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory-based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. Use of equipment provided by the Alabama Science in Motion programs recommended. **Prerequisite:** AP Chemistry course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit

03008G1000 EARTH AND SPACE SCIENCE 1 CREDIT

Knowledge of earth and space systems is essential for scientific literacy. Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions based on critical thinking and problem solving. Emphasis is placed on topics related to the atmosphere, meteorology, nature of storms, climate as well as topics related to our solar system and the universe. This course introduces students to an advanced look at the Earth's near neighborhood and perspectives of the universe from the Earth.

Prerequisite: Biology AND Chemistry 1 OR Physical Science

03003G1000 ENVIRONMENTAL SCIENCE 1 CREDIT

This course provides students with a study of man's interaction with the environment. The contents include forms of pollution, conservation, environmental planning and policy, public land usage, population dynamics, and major forms of energy. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science

03207E1000 ENVIRONMENTAL SCIENCE ADVANCED PLACEMENT (AP) 1 CREDIT

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet, there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. Students take an examination at the end of the course in order to receive AP credit. **Prerequisite:** Biology AND Chemistry 1

03207E1000 ENVIRONMENTAL SCIENCE RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. An independent science project is required. **Prerequisite:** AP Environmental course and/or Instructor Approval

Special Note: Elective Credit, not Science Credit

03003E10CB AICE ENVIRONMENTAL MANAGEMENT, CAMBRIDGE 1 CREDIT

A one-credit course designed to provide students with an in-depth study of environmental management principles and practices including natural resources, ecology, waste management, water and air quality, pesticide management and use, and energy conservation.

15055G1000 FORENSIC SCIENCE AND CRIMINAL INVESTIGATION**1 CREDIT**

In this course students will improve their critical thinking skills and learn how to use the scientific process to investigate and solve problems by exploring how various professionals use forensics to evaluate crime scenes. Students will also apply scientific concepts and laws to solve possible realistic crime scenarios.

Prerequisite: Biology AND Chemistry 1 OR Physical Science

14252G1001 INTRODUCTION TO BIOTECHNOLOGY**1 CREDIT**

This course focuses on two life science sub-strands: biological evolution and molecular basis of heredity. Students will be involved in case studies in biotechnology and scenarios in bioethics that will help them understand the implications and complicated issues that are emerging in the science of genetics. The course encourages critical thinking, use of scientific method, integration of technology, and application of knowledge and skills learned to practical questions/problems. Safe field and laboratory investigations will be used in instruction to the maximum extent possible to illustrate scientific concepts and principles and support inquiry instruction. **Prerequisite:** Biology 1 AND Chemistry 1

03053G1000 HUMAN ANATOMY AND PHYSIOLOGY**1 CREDIT**

This course provides students with advanced activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology and Chemistry 1 or Physical Science

03053H1000 HUMAN ANATOMY AND PHYSIOLOGY HONORS**1 CREDIT**

This course provides students with advanced activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology and Chemistry 1 OR Physical Science

03999C1008 HUMAN ANATOMY AND PHYSIOLOGY DUAL ENROLLMENT**1 CREDIT**

This dual enrollment course, offered through the MCPSS and Bishop State Community College, is for students with activities in the structures and functions of the components of the human body. It is especially designed for students who are interested in pursuing careers in medical and allied health fields. Among the topics students will study are the structure and function of cells, tissues, and organs, as well as the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, urinary, and reproductive systems. Students will be involved in lab work and research papers/projects. This course is recommended for the student of average or above average ability and interest in science. **Prerequisite:** Biology AND Chemistry 1 **For Dual Enrollment:** Biology 103 AND student must meet the requirements of the Dual Enrollment Program. **Special Note:** Credit may be earned in either Human Anatomy and Physiology College Prep OR Human Anatomy and Physiology Dual Enrollment, but not both.

03005G1000 MARINE BIOLOGY**1 CREDIT**

This course is intended to provide students with advanced studies in biology within the context of the marine environment. While emphasis is primarily on living systems, oceanography and aspects of marine water chemistry are important components of the course. Also studied are comparative anatomy and physiology of freshwater and saltwater organisms' classification, biodiversity, interdependence within marine biomes, and human and natural impacts on marine systems. **Prerequisite:** Biology AND Chemistry 1 OR Physical Science **Special Note:** Credit may be earned in Marine Biology, Marine Biology Honors or Marine Biology Field Studies, but not all three.

03159G1000 PHYSICAL SCIENCE**1 CREDIT**

This course provides students with a qualitative investigative study of the introductory concepts of physics and chemistry. The contents include dynamics, classification and interaction of matter, periodic table, chemical interactions, nuclear reactions, and career opportunities. **Special Note:** It is recommended that students have completed Algebra 1 before registering for this course. Students who have successfully completed Chemistry CP, Physics CP or AP Physics **MAY NOT** take this course.

03151H1000 PHYSICS HONORS**1 CREDIT**

This course provides students with a rigorous study of theories and laws governing the interaction of matter, energy, and the forces of nature. The contents include kinematics, dynamics, energy, work, heat, thermodynamics, waves, light, electricity/magnetism, sound, and nuclear physics. Use of equipment provided by the Alabama Science in Motion program is recommended. **Prerequisite:** Chemistry 1 AND upper level Mathematics courses above Geometry **Special Note:** It is highly recommended that students enrolled in this course one semester be registered for Physics Research and Design AP the other semester. (Students may enroll in Physics B AP or Physics C AP after the successful completion of this course.)

03165E1000 PHYSICS 1 ADVANCED PLACEMENT (AP): ALGEBRA BASED 1**1 CREDIT**

Algebra-based is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year. The full year also allows time for inclusion of physics content specified by state standards. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits.

Prerequisite: Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics I course itself. No prior course work in Physics is required

03166E1000 PHYSICS 2 ADVANCED PLACEMENT (AP): ALGEBRA BASED 2**1 CREDIT**

Algebra-based is the equivalent of a Second-semester college course in algebra-based physics, but it is designed to be taught over a full academic year. The full year also allows time for inclusion of physics content specified by state standards. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics. **Prerequisite:** Students should have taken or be concurrently taking Pre-Calculus, or an equivalent course. Students should have had AP Physics I or a comparable introductory course.

Special Note: Physics II is recommended for students considering pre-med or life science majors.

03164E1000 ADVANCED PLACEMENT PHYSICS C: MECHANICS (CALCULUS BASED 1) 1 CREDIT

This course serves as the foundational calculus-based, college-level physics course, especially appropriate for students planning to specialize in major in physical science or engineering. The course explores topics such as kinematics; Newton's Law of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. **Prerequisite:** Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics course itself. No prior course work in Physics is required.

03163E1000 ADVANCED PLACEMENT PHYSICS C: ELECTRICITY AND MAGNETISM 1 CREDIT

This course serves as the second calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as electrostatics; conductors, capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. Introductory differential and integral calculus is used throughout the course. **Prerequisite:** Students should have completed Geometry and be concurrently taking Algebra II, or an equivalent course. Although the Physics 1 course includes basic use of trigonometric functions, this understanding can be gained either in the concurrent math course or in the AP Physics course itself. No prior course work in Physics is required.

03162G1000 PHYSICS RESEARCH AND DESIGN ADVANCED PLACEMENT (AP) 1 CREDIT

Designed for Advanced Placement courses, this laboratory-based course offers the advanced student the opportunity to apply scientific process skills and previous understandings to develop new concepts, processes, and skills. . Scientific process and application skills; independent study; safety issues and research protocols; controlling/manipulating variables; statistical analysis and display of data; design and completion of inquiry project; scientific paper; competition in fairs and paper symposia; computer application; laboratory-based; technology.

Prerequisite: AP Physics course AND/OR Instructor Approval

Special Note: Elective Credit, not Science Credit.

03999G10S1 ZOOLOGY 1 CREDIT

This course builds on what students have learned in biology with added emphasis on animal taxa, basic body plans, symmetry, and behavior. Laboratory investigations should include dissection as well as computer simulation to provide students with adequate exposure to the comparative anatomy of representative animal species.

Prerequisite: Biology AND Chemistry or Physical Science.

SOCIAL STUDIES EDUCATION

MR. NATHANIEL L. SMITH, SUPERVISOR
nsmith@mcpss.com 221-4142

An effective social studies education prepares students for life as rational, concerned, and involved citizens in a democratic society. The K-12 curriculum unfolds a well-told story of humans' interactions with the environment. This story is told within a framework of historic, geographic, economic, and political literacy. Teachers, by preparing well-constructed, challenging lessons that actively engage students, are teaching them to become more reflective as they communicate complex ideas with clarity and precision.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

04053G1000 WORLD HISTORY: 1500 TO PRESENT 1 CREDIT

Students study and analyze global issues regarding politics, economics, society, and the environment.

04053H1000 WORLD HISTORY: 1500 TO PRESENT HONORS 1 CREDIT

This course includes all features of World History and Geography but a more demanding level with the use of extensive supplementary materials and research requirements.

04057E1000 WORLD HISTORY ADVANCED PLACEMENT (AP) 1 CREDIT

This AP course will develop a greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with geography, set the human stage.

0000000000 GLOBAL HISTORY: ANTIQUITY TO THE FRENCH REVOLUTION PRE-IB 1 CREDIT

This course will explore the political, military, social, and cultural history from ancient times to the French Revolution, with an emphasis placed in the context of developments in political thought and practice.

Special note: Currently offered at Murphy AND Davidson

04056E1000 EUROPEAN HISTORY ADVANCED PLACEMENT (AP) 1 CREDIT

This course will provide students with knowledge of basic chronology, major events, and trends from the year 1450 to the present. Students will research the inferences of the late medieval period on post-1450 events.

Special Note: AP European History can be used to take the place of 10th grade U.S. History only if the student successfully completes AP US History.

04102G1000 UNITED STATES HISTORY: TO THE INDUSTRIAL REVOLUTION 1 CREDIT

During this course, students gain knowledge of political, economic, and social forces that led to the founding of the nation; the impact of the natural environment on all aspects of life in American; and its emergence as an international power.

04102H1000 UNITED STATES HISTORY TO THE INDUSTRIAL REVOLUTION HONORS 1 CREDIT

This course includes all features of United States History and Geography but at a more demanding level with the use of extensive and advanced supplemental materials

04104E1000 UNITED STATES HISTORY AP 1 CREDIT

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for United States history.

04054E10A1 HISTORY OF THE AMERICAS 1 INTERNATIONAL BACCALAUREATE 1 CREDIT

The International Baccalaureate course, History of the Americas, is a two year college level course. The first year offers a comprehensive study of the national history of the United States. College credit may be granted at the discretion of the student's chosen college or university. **Prerequisite:** Admission to IB Program

Special Note: Currently offered at Murphy AND Davidson

04102H10AS AICE AMERICAN HISTORY AS: CAMBRIDGE RESEARCH 1 CREDIT

This course meets the Cambridge AICE diploma requirement. It includes all features of early U.S. History but at a more demanding level with the use of the Cambridge International AS and A Level History (9389) curriculum. Cambridge International AS and A Level History (American Option) emphasizes both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies.

Prerequisite: Acceptance into the Cambridge Program and AP World History

04103H100A AICE AMERICAN HISTORY A: CAMBRIDGE RESEARCH 1 CREDIT

This course meets the Cambridge AICE diploma requirement. It includes all features of modern U.S. History but at a more demanding level with the use of the Cambridge International AS and A Level History (9389) curriculum. Cambridge International AS and A Level History (American Option) emphasizes both historical knowledge and on the skills required for historical research. Learners develop an understanding of cause and effect, continuity and change, similarity and difference, and use historical evidence as part of their studies. American History A is an extension of American History AS. These courses are intended to be taken over two terms exploring early U.S. History and then modern U.S. History. **Prerequisite:** AICE American History AS

04103G1000 UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT 1 CREDIT

During this course, students gain knowledge of the changing political, economic, and cultural forces at work within the nation; of the impact of the natural environment on all aspects of life in America; and of the role of America in the international community.

04103H1000 UNITED STATES HISTORY INDUSTRIAL REVOLUTION TO PRESENT HONORS 1 CREDIT

This course includes all features of United States History and Geography but at a more demanding level with the use of extensive and advanced supplementary materials and research requirements.

04999C1009 UNITED STATES HISTORY I - DUAL ENROLLMENT (HIS201)**1 CREDIT**

This course surveys United States History during the colonial, Revolutionary, early national and antebellum periods. It concludes with the Civil War and reconstruction. **Prerequisite:** Student must meet the requirements of the Dual Enrollment Program.

04999C1010 UNITED STATES HISTORY II - DUAL ENROLLMENT (HIS202)**1 CREDIT**

This course is a continuation of US History (HIS 201); It surveys United States History to the present. Advanced work in the chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events. **Prerequisite:** US History I

04054E10A2 HISTORY OF THE AMERICAS 2 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

The second year offers a comprehensive study of the national history of selected Latin American countries and twentieth century world history topics. College credit may be granted at the discretion of the student's chosen college or university. **Prerequisite:** Admission to IB Program **Special Note:** Currently offered at Murphy AND Davidson

04151G0500 UNITED STATES GOVERNMENT**.5 CREDIT**

The instructional goals of this course are to provide factual knowledge of the institutions and political activities of American Government with emphasis on the national level.

04151H05000 UNITED STATES GOVERNMENT HONORS**.5 CREDIT**

This course includes all features of American Government but at a more demanding level with the use of extensive supplementary materials.

04157E1000 UNITED STATES GOVERNMENT ADVANCED PLACEMENT (AP)**.5 CREDIT**

This course is designed to give students a critical perspective on government and politics in the United States. This course requires familiarity with the institutions, groups, beliefs, and ideas that make up American political reality.

04158E1000 COMPARATIVE GOVERNMENT AND POLITICS ADVANCED PLACEMENT (AP)**.5 CREDIT**

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes.

04201G0500 ECONOMICS**.5 CREDIT**

This course incorporates a study of comparative economics, economic theory, and consumer economics.

04201H0500 ECONOMICS HONORS**.5 CREDIT**

This course includes all features of economics but at a more demanding level with the use of extensive supplementary materials.

04202E1000 MACRO ECONOMICS ADVANCED PLACEMENT (AP)**.5 CREDIT**

This course provides a thorough understanding of the principles of economics that apply to an economic system as a whole. Emphasis is placed on the study of national income and price determination.

0000000000 AICE ECONOMICS: CAMBRIDGE RESEARCH**1 CREDIT**

This course meets the Cambridge AICE diploma requirement. It includes all features of Economics but at a more demanding level with the use of the Cambridge International AS and A Level Economics (9708) curriculum. Cambridge International AS and A Level Economics gives learners the opportunity to study how to explain and analyze economic issues and arguments, evaluate economic information, and organize, present and communicate ideas and judgements clearly. Through their study, learners will explore a range of basic economic ideas, including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation, and the causes and consequences of inflation. Learners also study the price system, the theory of the firm, market failure, macroeconomic theory and policy, and economic growth and development.

Prerequisite: AICE General Papers

04304E1000 THEORY OF KNOWLEDGE 1 INTERNATIONAL BACCALAUREATE**1 CREDIT**

This course is the key element in the educational philosophy of the International Baccalaureate Program (IB); its purpose is to stimulate critical reflection upon the knowledge and experiences acquired both inside and outside the classroom, to evaluate the basis of knowledge and experiences, and to develop a personal mode of thought based upon critical examination of evidence and argument. **Prerequisite:** Admission to IB Program

Special Note: Currently offered at Murphy AND Davidson

04304E1002 THEORY OF KNOWLEDGE 2 INTERNATIONAL BACCALAUREATE**1 CREDIT**

This course is the key element in the educational philosophy of the International Baccalaureate Program (IB); its purpose is to stimulate critical reflection upon the knowledge and experiences acquired both inside and outside the classroom, to evaluate the basis of knowledge and experiences, and to develop a personal mode of thought based upon critical examination of evidence and argument. **Special Note:** Currently offered at Murphy AND Davidson.

04309E10SL PHILOSOPHY INTERNATIONAL BACCALAUREATE**1 CREDIT**

Students who complete the course successfully will be able to use philosophical language clearly, consistently, and appropriately; identify and formulate problems philosophically; examine concepts and questions philosophically; relate specific texts and authors to the examination of concepts and problems; and construct philosophical arguments.

Prerequisite: Admission to IB Program **Special Note:** Currently offered at Murphy

SOCIAL STUDIES ELECTIVES

04254G1000 ABNORMAL PSYCHOLOGY

1 CREDIT

This course will explain how people with diagnosed psychological disorders actually behave. The course will explore current theories and practices in the treatment of the mentally ill, covering the multiple approaches that prevail in the field today. Topics will include defining abnormal behavior, the nature of stress, the anxiety disorders, psychological factors related to physical illnesses, personality disorders, substance abuse disorders, mood disorders, schizophrenia, organic mental disorders, behavior disorders of childhood, psychotherapies, and prevention.

04251G1000 ANTHROPOLOGY

1 CREDIT

Cultural origins; cultural behaviors; race, religion, sex roles, institutions, and economic status; ethnology and linguistics.

NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION

07002G1000 COMPARATIVE RELIGION

1 CREDIT

This course is an introduction to the major religious traditions including Hinduism, Buddhism, Islam, Judaism, Confucianism and Christianity.

04064G1000 CONTEMPORARY WORLD ISSUES

1 CREDIT

The activities in this elective course encourage students to investigate issues by looking beyond the presentation given in the media.

04999G10CG GLOBAL PERSPECTIVES CAMBRIDGE HONORS

1 CREDIT

A ground-breaking and stimulating course (0457) that stretches across traditional subject boundaries and develops transferable skills. It is both cross-curricular and skills-based which taps into the way learners of today enjoy learning, including team work, presentations, projects, and working with other learners around the world. The emphasis is on developing the ability to think critically about a range of global issues where there is always more than one point of view. **Prerequisite:** Acceptance into Cambridge Program

04099G10MO HISTORY OF MOBILE: HOMETOWN

1 CREDIT

The purpose of this course is to educate students about the history of Mobile.

04099G10HO HOLOCAUST

1 CREDIT

This course explores the history and memory of the Holocaust.

04004E1000 HUMAN GEOGRAPHY ADVANCED PLACEMENT

1 CREDIT

This AP course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. **Special Note:** It is recommended that students should be classified as 11th or 12th graders.

23992X10L1 LEADERSHIP 1

1 CREDIT

This introductory course will educate students through an interdisciplinary approach to parliamentary procedure, citizenship, and public service activities with an emphasis on school history and pride.

23992X10L2 LEADERSHIP 2**1 CREDIT**

This course will give students an opportunity to prepare agendas, conduct business meetings, and debate issues regarding the school and community. **Prerequisite:** Leadership 1 (802206)

04256E1000 PSYCHOLOGY ADVANCED PLACEMENT (AP)**1 CREDIT**

This AP course will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice. **Special Note:** Student should be classified as 11th or 12th grader.

04254G1000 PSYCHOLOGY**1 CREDIT**

This elective course provides students with an overview of the scientific principles of psychology and exposure to the studies of both modern and classical psychologists.

04999C1018 PSYCHOLOGY DUAL ENROLLMENT (PSY200)**1 CREDIT**

This Dual Enrollment course is a survey of behavior with emphasis upon psychological processes. This course includes the biological bases for behavior, thinking, emotion, motivation, and the nature and development of personality. **Special Note:** Student must meet requirements of the Dual Enrollment program AND should be classified as 11th or 12th grader.

04999C1021 SOCIOLOGY DUAL ENROLLMENT**1 CREDIT**

This course is designed to introduce students to the theories, concepts and areas of inquiry that typically characterize sociological analyses. Specific areas to be covered may include: culture, socialization and social interaction, social groups, deviance, social class, race and ethnicity, sex and gender, and aging. Sociology furnishes an academic foundation for responsible citizenship in a multi-racial and multi-cultural global community. Students will also be expected to analyze and interpret a variety of primary and secondary source materials.

04258G1000 SOCIOLOGY**1 CREDIT**

This is a study of cultural diversity and its effects on social trends in the United States.

04099G10SO SOCIETY AND THE LAW**1 CREDIT**

This course will provide students with an understanding of the various aspects of law which they could encounter in their future.

04001G1000 WORLD GEOGRAPHY**1 CREDIT**

World geography is an elective course for students in grades 9-12. Included in the design of the course are the five essential geographic skills presented in the National Geography Standards. World geography is divided into two components: (1) physical and (2) human

04003E10SL WORLD GEOGRAPHY INTERNATIONAL BACCALAUREATE**1 CREDIT**

This course fulfills the elective group course requirement of the IB program for students in grades 11 or 12. The course presents topics in Population and Resources, Climate and Climate Change, and Contemporary Issues in Geographical Regions. The course arms students with an understanding of global interdependence, the importance of managing resources and environments, and the necessity for respecting and preserving the planet.

Prerequisite: Admission to the IB program

SPECIAL EDUCATION

MS. SHARON MAGEE, SUPERVISOR

samagee@mcps.com 221-4220

Students with disabilities require courses designed to meet their individual needs. The goals and objectives in each student's Individualized Education Program determine course content. Course requirements for the Alabama High School Diploma Pathways are listed under the "Diploma Requirements" section.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

22151X1009 TRANSITION SERVICES I

1 CREDIT

This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. This course meets the requirement for the Essentials Pathway. Teachers for this course do not have to meet the highly qualified teacher status.

22151X1010 TRANSITION SERVICES II

1 CREDIT

This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. This course meets the requirement for the Essentials Pathway. Teachers for this course do not have to meet the highly qualified teacher status.

22151X1011 TRANSITION SERVICES III

1 CREDIT

This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. This course meets the requirement for the Essentials Pathway. Teachers for this course do not have to meet the highly qualified teacher status.

22151X1012 TRANSITION SERVICES IV

1 CREDIT

This course is designed to teach beginning transition skills to junior high/high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. This course meets the requirement for the Essentials Pathway. Teachers for this course do not have to meet the highly qualified teacher status.

ALTERNATE ACHIEVEMENT STANDARDS PATHWAY

01049X1001 AAS: READING 9

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

01049X1002 AAS: READING 10

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

01049X1003 AAS: READING 11

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

01049X1004 AAS: READING 12

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards).

01037X1001 AAS: ENGLISH LANGUAGE ARTS 9

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

01037X1002 AAS: ENGLISH LANGUAGE ARTS 10

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

01037X1003 AAS: ENGLISH LANGUAGE ARTS 11

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

01037X1004 AAS: ENGLISH LANGUAGE ARTS 12

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards).

02039X1001 AAS: MATHEMATICS 9

1 CREDIT

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

02039X1002 AAS: MATHEMATICS 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

02039X1003 AAS: MATHEMATICS 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

02039X1004 AAS: MATHEMATICS 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards).

03239X1001 AAS: SCIENCE 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

03239X1002 AAS: SCIENCE 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

03239X1003 AAS: SCIENCE 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

03239X1004 AAS: SCIENCE 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards).

04439X1001 AAS: SOCIAL STUDIES 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

04439X1002 AAS: SOCIAL STUDIES 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

04439X1003 AAS: SOCIAL STUDIES 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

04439X1004 AAS: SOCIAL STUDIES 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards).

08051X1001 AAS: HEALTH EDUCATION 10**.5 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards).

19257X1009 AAS: LIFE SKILLS 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

19257X1010 AAS: LIFE SKILLS 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

19257X1011 AAS: LIFE SKILLS 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

19257X1012 AAS: LIFE SKILLS 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills.

19258X1009 AAS: CAREER PREPAREDNESS 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards).

19258X1010 AAS: CAREER PREPAREDNESS 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards).

19258X1011 AAS: CAREER PREPAREDNESS 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards)..

19258X1012 AAS: CAREER PREPAREDNESS 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards)..

22152X1009 AAS: PRE-VOCATIONAL 9**1 CREDIT**

This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize increasing job readiness and employability skills.

22152X1010 AAS: PRE-VOCATIONAL 10**1 CREDIT**

This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize increasing job readiness and employability skills.

22152X1011 AAS: PRE-VOCATIONAL 11**1 CREDIT**

This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize increasing job readiness and employability skills.

22152X1012 AAS: PRE-VOCATIONAL 12**1 CREDIT**

This course applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize increasing job readiness and employability skills.

22153X1009 AAS: VOCATIONAL 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

22153X1010 AAS: VOCATIONAL 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

22153X1011 AAS: VOCATIONAL 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

22153X1012 AAS: VOCATIONAL 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills.

22251X1009 AAS: COMMUNITY-BASED INSTRUCTION 9**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

22251X1010 AAS: COMMUNITY-BASED INSTRUCTION 10**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

22251X1011 AAS: COMMUNITY-BASED INSTRUCTION 11**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

22251X1012 AAS: COMMUNITY-BASED INSTRUCTION 12**1 CREDIT**

This course is designed for students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration.

22998X1012 AAS: PROJECT SEARCH**1 CREDIT**

A one-year high school transition program, hosted at a business site, to include classroom instruction, career exploration, and on the job training. Students are supported by job coaches during three internship opportunities. The LEA, through an application process, determines acceptance to the program.

ESSENTIALS PATHWAY

01001X1001 ENGLISH ESSENTIALS 9

1 CREDIT

This ninth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.

01002X1002 ENGLISH ESSENTIALS 10

1 CREDIT

This tenth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.

01003X1003 ENGLISH ESSENTIALS 11

1 CREDIT

This eleventh grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.

01004X1004 ENGLISH ESSENTIALS 12

1 CREDIT

This twelfth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.

02052X1000 ESSENTIALS ALGEBRA WITH PROBABILITY

1 CREDIT

This course is designed for students following the Essentials/Life Skills Pathway. This course provides students with foundational skills identified in the first half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.

02071X1000 ESSENTIALS GEOMETRY WITH DATA ANALYSIS

1 CREDIT

This course is designed for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living.

02056X1000 ESSENTIALS ALGEBRA II WITH STATISTICS

1 CREDIT

The Curriculum Guide to the Alabama Course of Study: Mathematics contains the course content for students following the Essentials pathway. This course provides students with foundational skills identified in the general education Algebra II course. The course includes algebra concepts to equip students with more advanced algebra skills necessary for employment and independent living.

04051X1000 ESSENTIALS 1: WORLD HISTORY

1 CREDIT

This course is a study of world history from 1500 to the present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human rights, trade, global ecology and the impact each has on everyday life situations.

04102X1011 ESSENTIALS 2: US HISTORY TO 1877

1 CREDIT

This course follows a chronological study of major events, issues, movements, leaders, and groups of people of the United States through Reconstruction from a national and Alabama perspective.

04103X1011 ESSENTIALS 3: US HISTORY FROM 1877 TO PRESENT**1 CREDIT**

This course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present.

04201X0511 ESSENTIALS 4: ECONOMICS**1 CREDIT**

This course is a one-semester course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities.

04151X0511 ESSENTIALS 5: US GOVERNMENT**1 CREDIT**

This course is a one-semester course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the constitution of the United States and its provisions.

03159X1000 ESSENTIALS: PHYSICAL SCIENCE**1 CREDIT**

This course is designed to provide students with practical knowledge of Physical Science including scientific process and application skills; periodic table; solutions; bonding; chemical formulas; physical and chemical change; gravitational, electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; metric units.

03051X1000 ESSENTIALS BIOLOGY**1 CREDIT**

This course is designed to provide students with practical knowledge of Biology including process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles.

03008X1000 ESSENTIALS EARTH AND SPACE SCIENCE**1 CREDIT**

This course is designed to provide students with practical knowledge of Earth and Space Science including scientific process and application skills; energy in the Earth system; weather; seasons; theories for origin and age of the universe; stars, pulsars, quasars, black holes, and galaxies; Earth and space scientists; space exploration.

03003X1000 ESSENTIALS ENVIRONMENTAL SCIENCE**1 CREDIT**

This course is designed to provide students with a practical knowledge of Environmental Science including scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land use practices; composition and erosion of soil.

03053X1000 ESSENTIALS HUMAN ANATOMY AND PHYSIOLOGY**1 CREDIT**

This course is designed to provide students with a practical knowledge of Human Anatomy and Physiology including scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration.

19258X1000 ESSENTIALS CAREER PREPARATION**1 CREDIT**

This course is designed to prepare high school students for work-based experiences. Work-based experiences can be an apprenticeship (paid) or an internship (unpaid). The student should have a minimum of 140 successful hours under the supervision of a workplace mentor and the special education teacher and/or a representative of vocational rehabilitation services. This course meets the requirement of the Essentials/Life Skills Pathway.

STUDENTS RETURNING AFTER COHORT YEAR

01049X1013 AAS: READING BEYOND I

1 CREDIT

Reading curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

01049X1014 AAS: READING BEYOND II

1 CREDIT

Reading curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

01049X1015 AAS: READING BEYOND III

1 CREDIT

Reading curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

02039X1013 AAS: MATHEMATICS BEYOND I

1 CREDIT

Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

02039X1014 AAS: MATHEMATICS BEYOND II

1 CREDIT

Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

02039X1015 AAS: MATHEMATICS BEYOND III

1 CREDIT

Math curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

22251X1013 AAS: COMMUNITY-BASED INSTRUCTION BEYOND I 1 CREDIT

Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

22251X1014 AAS: COMMUNITY-BASED INSTRUCTION BEYOND II 1 CREDIT

Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

22251X1015 AAS: COMMUNITY-BASED INSTRUCTION BEYOND III 1 CREDIT

Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

19257X1013 AAS: LIFE SKILLS BEYOND I 1 CREDIT

Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

19257X1014 AAS: LIFE SKILLS BEYOND II 1 CREDIT

Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.on student's academic and transition needs as identified in his or her IEP.

19257X1015 AAS: LIFE SKILLS BEYOND III 1 CREDIT

Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.on student's academic and transition needs as identified in his or her IEP.

22153X1013 AAS: VOCATIONAL BEYOND I**1 CREDIT**

Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

22153X1014 AAS: VOCATIONAL BEYOND II**1 CREDIT**

Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

22153X1015 AAS: VOCATIONAL BEYOND III**1 CREDIT**

Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

WORLD LANGUAGES

DR. LINDA S. BYRD, SUPERVISOR

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221-4087

Proficiency in a foreign language is a valuable asset in today's global and culturally diverse society. Foreign language students gain an increased understanding and heightened awareness of their own native language.

Students who are seeking the Alabama High School Honors Diploma must complete two units of consecutive foreign language instruction in the same language. Advanced placement courses are more rigorous and require completion of the Advanced Placement examination to receive weighted credit. Upon successful completion of the AP exam, students may be awarded college credit by selected colleges and universities. Careful consideration of requisite skills is recommended.

For questions regarding course descriptions and/or course numbers, please contact supervisor listed above.

Course Descriptions

24402G1000 CHINESE 1

1 CREDIT

This course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people. **Prerequisite:** None

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24402G10H1 CHINESE 1 HONORS

1 CREDIT

This rigorous course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It is designed for the academically motivated student. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people. **Prerequisite:** None

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24403G1000 CHINESE 2

1 CREDIT

This course allows students to perform the most basic functions in the foreign language and enables them to carry out formulaic exchange in different social uses. Students read passages of familiar orthography written with a fixed set of graphs, analyze characters into components, and comprehend the intent of common signs. Students transcribe from PINYIN to CHARACTERS, and vice versa. **Prerequisite:** 270003aa or 270003

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24403G10H2 CHINESE 2 HONORS

1 CREDIT

This rigorous course provides practice in correct use of elementary basic language structures through listening, speaking, and writing. It is designed for the academically motivated student. It develops insights into the life and customs of China. It explores the historical and cultural heritage of the Chinese people.

Prerequisite: 270003 and Teacher Recommendation **Special Note:** In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24413E10SL CHINESE 2 INTERNATIONAL BACCALAUREATE**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken Chinese; which allow the reading of newspapers, magazines, and modern Chinese literature; expository composition skills; and accurate and fluent oral expression. **Prerequisite:** 270003 and Teacher Recommendation IB Enrollment

Special Note: International Baccalaureate test given at the end of the course.

24404G10H3 CHINESE 3 HONORS**1 CREDIT**

This course allows students to demonstrate basic conversational strategies on studied topics. Students read narratives and dialogues in familiar and unfamiliar texts and comprehend more complex passages in HANZI. Students communicate by using a fixed set of HANZI and write letters, notes, and do oral presentations in HANZI.

Prerequisite: 270004aa or 270010 and teacher recommendation

24405G10H4 CHINESE 4 HONORS**1 CREDIT**

This course further expands student recognition of appropriate social gestures for formal social/individual situations. Students read selected items from magazines and newspapers. Students write personal letters and short essays and communicate in HANZI using common terminology.

Prerequisite: 270005 and teacher recommendation. **Special Note:** Currently offered at Murphy

24405G10H5 CHINESE 5 HONORS**1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.

Prerequisites: 270006 and teacher recommendation

24102G1000 FRENCH 1**1 CREDIT**

This course introduces students to the French language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

Special Note: In order to receive an Honors Diploma, a student must take Level I and Level II of the same language.

24102G10H1 FRENCH 1 HONORS**1 CREDIT**

This course is a beginning course for the intellectually motivated students. The course teaches listening, speaking, reading, writing, and cultural competency. The instructional pace is accelerated and more intensive than that of the regular classroom. **Prerequisite:** Instructor recommendation

24103G1000 FRENCH 2**1 CREDIT**

This course reinforces the skills previously learned in French 2. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into French customs, history, art, music, and literature.

Prerequisite: French 1

24103G10H2 FRENCH 2 HONORS**1 CREDIT**

This course is designed for the intellectually motivated students. Listening, speaking, reading, writing, and cultural competency are taught. Students are expected to demonstrate proficiency in all these areas. Class activities are designed to provide opportunities to practice and to acquire an extensive authentic vocabulary in a wide variety of real life situations. **Prerequisite:** French 1 or French 1 Honors and teacher recommendation

24104G10H3 FRENCH 3 HONORS**1 CREDIT**

This course further expands the skills previously learned in French II. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. **Prerequisite:** 270024ac and teacher recommendation

24118E10SL FRENCH 3 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270024ac and teacher recommendation

24114E1000 FRENCH 4 ADVANCED PLACEMENT (AP)**1 CREDIT**

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts. Priority will be given to the use of authentic materials and College Board approved syllabi.

Prerequisite: 270025 or 270029 and teacher recommendation

Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

24118E10SL FRENCH 4 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270029 and teacher recommendation

2410510H5 FRENCH 5 HONORS**1 CREDIT**

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts.

Prerequisite: French 4 and teacher recommendation

24113E10SL FRENCH 5 INTERNATIONAL BACCALAUREATE**1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270030 and teacher recommendation

2410510H6 FRENCH 6 HONORS**1 CREDIT**

This course is an advanced study which emphasizes the development of reading and writing skills in the target language. Students will be exposed to a broad range of written and audio-visual texts.

Prerequisite: French 5 and teacher recommendation

24113E10HL FRENCH 6 INTERNATIONAL BACCALAUREATE**1 CREDIT**

This course further expands the skills previously learned in French 2 and follows the International Baccalaureate curriculum. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussions and study of all aspects of French culture. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270031 and teacher recommendation

24105G10FT FRENCH FOR TRAVELERS**1 CREDIT**

This course introduces students to the exploration of different French speaking countries. It further develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

24252G1000 GERMAN 1**1 CREDIT**

This course introduces students to the German language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. **Prerequisite:** None

24252G10H1 GERMAN 1 HONORS**1 CREDIT**

This course introduces students to the German language and its culture in an advanced setting. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. This is a rigorous course designed for motivated students. **Prerequisite:** None

Special Note: In order to receive an honors diploma, a student must take Level I and Level II of the same language

24253G10H2 GERMAN 2 HONORS**1 CREDIT**

This course is designed for the intellectually motivated students who are preparing for further study in German. Listening, reading, writing, speaking, and cultural competency are taught. Students are expected to demonstrate proficiency in all these areas. Class activities are designed to provide opportunities to practice and to acquire an extensive authentic vocabulary in a wide variety of real life situations.

Prerequisites: 270043 or 270043aa and teacher recommendation

24254G10H3 GERMAN 3 HONORS**1 CREDIT**

This course further expands the skills previously learned in German 2/HR. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussion and study on all aspects of German culture. **Prerequisite:** 270044aa

24268E10SL GERMAN 3 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270044aa and teacher recommendation

25255G1000 GERMAN 4 ADVANCED PLACEMENT (AP)**1 CREDIT**

As determined by AP guidelines, this course develops comprehension of formal and informal spoken German; vocabulary and structure which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. The College Board test is given at the end of the course.

Prerequisite: 270045

Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

24268E10SL GERMAN 4 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270045 or 270047 and teacher recommendation

25255G10H5 GERMAN 5 HONORS**1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.

Prerequisites: 270047 or 270052 and teacher recommendation

24263E10SL GERMAN 5 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270052 and teacher recommendation

25255G10H6 GERMAN 6 HONORS**1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.

Prerequisites: German 5 and teacher recommendation

24263E10HL GERMAN 6 INTERNATIONAL BACCALAUREATE**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken German; which allow the reading of newspapers, magazines, and modern German literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.

Prerequisite: 270050 and teacher recommendation

25255G10GT GERMAN FOR TRAVELERS**1 CREDIT**

This course introduces students to the exploration of different German speaking countries. It further develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

24342G1000 LATIN 1**1 CREDIT**

This course introduces fundamental Latin vocabulary, grammar, and classical culture. The course includes English derivations and vocabulary, basic grammatical structures, translations of short passages, classical heroes and legends, and selected aspects of Roman culture and history. **Prerequisite:** None

24343G1000 LATIN 2**1 CREDIT**

This course provides an intensive study of Latin language, Roman history, and culture. The course includes grammar and vocabulary for reading Latin authors. Reading is designed to increase understanding of sentence structure, English word-origin, and Roman history/culture. **Prerequisite:** LATIN 1

24344G10H3 LATIN 3 HONORS**1 CREDIT**

This course provides continued study of the Latin language, Roman history, and culture. The course includes review and expansion of Latin grammar; readings in prose; study of Roman civilization through its literature, emphasizing politics, history, and mythology; and intensive derivative study. **Prerequisite:** LATIN 1 AND 2 and teacher recommendation

24345G1000 LATIN 4 HONORS/ADVANCED PLACEMENT (AP)**1 CREDIT**

Extensive grammar and vocabulary study; reading and analyzing primary and secondary prose and poetry sources including the history and culture of Rome during the Golden Age of Latin literature, the death of the Republic, and the formation of the Roman Empire; writing original Latin prose and poetry.

24652G1000 RUSSIAN 1**1 CREDIT**

Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Russian-speaking cultures.

24653G1000 RUSSIAN 2**1 CREDIT**

Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Russian-speaking cultures

24052G1000 SPANISH 1**1 CREDIT**

This course introduces students to the Spanish language and its culture. It develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding. **Prerequisite:** None

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24052G10HL SPANISH 1 HONORS**1 CREDIT**

This course is specifically designed for the academically gifted student who needs a more challenging foreign language course of study. The course develops in-depth listening, reading, speaking, and pronunciation skills.

Prerequisite: Teacher recommendation

Special Note: In order to receive an honors diploma, a student must take Levels 1 and 2 of the same language.

24053G1000 SPANISH 2**1 CREDIT**

This course reinforces the skills previously learned in Spanish I. The course expands ability in aural comprehension, speaking, oral reading, and writing. It develops insights into Spanish customs, history, art, music, and literature.

Prerequisite: 270153aa or 270153ab and 270153ac

24053G10H2 SPANISH 2 HONORS**1 CREDIT**

This course is specifically designed for the academically gifted student who needs a more challenging foreign language course of study. The course provides intensive study in language structures, supplementary reading, writing, and cultural understanding. **Prerequisite:** Spanish 1 and teacher recommendation

24054G1000 SPANISH 3 HONORS**1 CREDIT**

This course further expands the skills previously learned in Spanish II. The course includes listening to and translating narrative reading and poetry, analyzing reading selections, and writing compositions and summaries. It involves class discussion and study on all aspects of Spanish culture. **Prerequisite:** 270154ac and teacher recommendation

24055G1000 SPANISH 4 HONORS/ADVANCED PLACEMENT LITERATURE**1 CREDIT**

As determined by AP guidelines, this course develops comprehension of formal and informal spoken Spanish; which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. College Board test will be given at the end of the course.

Prerequisite: 270161 and teacher recommendation

Special Note: The Advanced Placement test must be taken as the end of course test to receive AP weight.

24068E10SL SPANISH 4 INTERNATIONAL BACCALAUREATE (IB)**1 CREDIT**

As determined by IB guidelines, this course develops comprehension of formal and informal spoken Spanish; which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. International Baccalaureate test will be given at the end of the course.

Prerequisite: SPANISH 3 and teacher recommendation

22999C10SP SPANISH 4 DUAL ENROLLMENT**1 CREDIT**

This dual enrollment (de) course develops comprehension of formal and informal spoken Spanish; vocabulary and structure which allow the reading of newspapers, magazines, and modern Spanish literature; expository composition skills; and accurate and fluent oral expression. **Prerequisite:** SPANISH 3 HONORS

24053G10H5 SPANISH 5 HONORS**1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.

Prerequisites: Spanish 4 Honors or IB and teacher recommendation

24053G10H6 SPANISH 6 HONORS**1 CREDIT**

This course is designed to develop the students' ability to produce their own written texts in a purposive, coherent, and logical way. Group and/or paired discussion forms a regular part of the learning process. In-depth research is required.

Prerequisites: 270160 and teacher recommendation

24055G10ST SPANISH FOR TRAVELERS**1 CREDIT**

This course introduces students to the exploration of different Spanish countries. It further develops listening, reading, speaking, pronunciation skills, and cross-cultural understanding.

