



Henry County R-1  
Windsor High School (WHS)  
Career and Education Planning Guide  
2025-2026

Windsor Henry County R-1 High School  
Board Accepted on September 10, 2025

## Table of Contents

Introduction	2
High School Graduation Requirements	3
Suggested Plan of Study for High School Credits	4
Other Curricular Requirements	5
Post High School Admissions Requirements	5
Career Planning Vocabulary	6
How to Choose a Career Path or Career Cluster	7
Career Paths and Career Clusters	7
Career Path Information	9
Career Cluster Courses Offered at WHS	15
General Enrollment Information	18
Grades, Grade Point System, and Weighted Classes	18
Honor Roll and Academic Honors	19
End-of-Course and other Exams	19
Summer Credit Recovery	20
Dual Credit	20
A+ Program	21
Steps to Prepare for Post High School	22
Changing Schedules	23
High School Course Descriptions	23
Communication Arts	23
Mathematics	24
Science	26
Social Studies	27
Practical Arts (Agriculture, Business, FACS)	28
Physical Education	32
Fine Arts (Art, Music, Theatre Arts)	33
General Elective Courses	34
Career and Technical Programs (Clinton Technical School)	35
Special Services	37
Junior High Courses Descriptions	38

## **Introduction**

Dear Parents and Students:

This planning guide contains detailed information about Windsor High School's curriculum: Course descriptions, enrollment procedures, graduation requirements, and other standards and requirements set by the high school, the Board of Education, and the State of Missouri. Please use it as a tool to assist in organizing course selections to plan for and achieve high school academic goals while preparing for post-secondary career success.

Career Path and Career Cluster information is also included providing a range of possible careers for each student to consider and for parents to use when discussing career opportunities with their children. There are 6 Career Paths with 16 Career Clusters within. Students are encouraged to pick a career path and career cluster for their future during high school. Identifying a Career Path and Cluster will help students narrow their academic and educational plans with an intentional future focus.

Student course selection is very important. Courses may not be offered each school year. The master schedule and student requests will determine course offerings. The planning guide is revised annually and efforts are made to respond to student needs and the high school's goal of offering a variety of courses needed by students in an ever-changing society.

Changes requested at a later time are often difficult, so choose classes wisely. Consider requirements, Career Path and Cluster interests, and academic goals when making your choices. The teachers, school counselor, and administrators are here to provide assistance as necessary. Please direct specific questions regarding this planning guide to the school counselor via email at [fosters@henrycountyr1.k12.mo.us](mailto:fosters@henrycountyr1.k12.mo.us) or by phone at 660-647-3106, Ext. 327.

## High School Graduation Requirements

### 26 Required Credits

**English:** 4 credits (3 must be English)

**Math:** 3 credits

**Science:** 3 credits (must include a physical science & a biological science)

**Social Studies:** 3 credits (must include World History, American US History, & Government)

**Practical Arts:** 1 credit

**Fine Arts:** 1 credit

**PE:** 1 credit

**Health:** .5 credit

**Personal Finance:** .5 credit

**Electives:** 9 credits

**In addition, students must meet the following criteria:**

1. Must take and pass the Civics, Missouri and U.S. Constitution tests.
2. In certain instances, correspondence credit from an approved institution may be counted toward graduation. Prior approval of the high school principal/counselor is required before enrolling in correspondence courses. Three credits are the maximum number of correspondence credits. Course may be taken in order to recover credit.
3. Take the required EOC's, Pre-ACT, and ASVAB before graduation.
4. Must receive 30 minutes of CPR instruction.

**Note:** All final scheduling decisions will be made by the school counselor and the high school principal.

## **Suggested Plan of Study for High School Credits**

### **Freshman Year:**

English I or Speech I

Algebra I or Geometry

Physical Science

World History

PE (Choice of HS PE, Coed Conditioning, Girls Conditioning, or Lifetime Sports)

1 Fine Art Elective (Offered through Art, Music, Theatre Arts)

1 Practical Art Elective (Offered through Agriculture, Business, or FACS)

### **Sophomore Year:**

English II or Speech I

Geometry or Algebra II

Biology I

American History

Personal Finance & Health

2 Electives

### **Junior Year:**

English III or Speech I

Algebra II or DC College Algebra

Science or a Combination of Agriculture I, Agriculture II, & DC Advanced Animal Science,  
Floriculture, Greenhouse Management, or other approved advanced agriculture course

US Government

3 Electives

### **Senior Year:**

English IV or Speech I

6 Electives

## Other Curricular Requirements

To graduate on time, a student must earn a minimum number of credits each school year. The following number of credits will determine a student's placement in a particular graduating class:

Senior 19-26+    Junior 12-18    Sophomore 5-11    Freshman 0-4

**Eight semesters of high school attendance are strongly recommended.** If a student completes all required coursework and earns 26 credits by mid-term of their senior year, early graduation requests will be considered on a case-by-case basis. Students must submit a letter of their intent to graduate early in writing to the principal by November 1 of the given school year.

## Post-High School Education Admissions Requirements

Curriculum	Entering Freshman University of Missouri System Credit Requirements	Missouri Public 4 year Colleges (i.e. UCM, MSU) Credit Requirements	Community and Technical Colleges (State Fair Community College, State Tech School)	Military Careers
Communication Arts	4 credits	4 credits	English remediation classes available High School Diploma	High School Diploma
Social Studies	3 credits Government (1/2)	3 credits Government (1/2)	No specific requirement	
Mathematics	4 credits Algebra I and higher	3 credits Algebra I and higher	Math remediation classes available	
Science	3 credits	3 credits		
Fine Arts	1 credit	1 credit		
Practical Arts	0 credits	0 credits		
Physical Education	0 credits	0 credits		
Additional Electives	2 credits 2 years of the same foreign language	3 credits of upper level electives		
Other Requirements	Appropriate class rank and minimum score on ACT of 24	Appropriate class rank and ACT score	ACT or Accuplacer Placement Score Required	ASVAB score is required

## Career Planning Vocabulary

**Career Paths and Career Clusters that lead to Career Pathways:** A progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.

**Individual Career and Academic Plan (ICAP):** A student's scope and sequence of coursework and related activities based on their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful post-secondary degree or industry-recognized certificate or credential.

**Individual Planning:** The process of ongoing educational and career-planning services that helps all students develop personal plans of study, i.e. ICAP, organized around programs of study and their personal, career, and educational goals.

**Life Career Development:** Self-development over the life span through the integration of roles, settings, and events of a person's life.



**Missouri Connections:** A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and explore degree programs. [www.missouriconnections.org](http://www.missouriconnections.org)

**Program of Study (POS):** Secondary-to-post-secondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a post-secondary degree or industry-recognized certificate or credential.



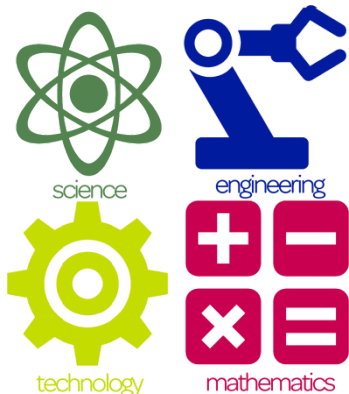
## How to Choose a Career Path or Career Cluster

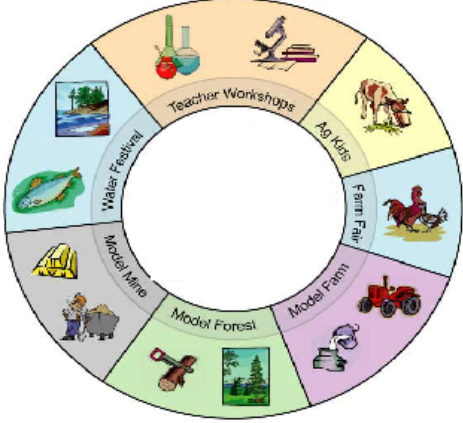
- Identify interests, abilities, and talents.
- Identify the Career Path or Career Cluster that relates to interests, abilities, and talents.
- Explore occupations in those Career Paths or Career Clusters.
- Decide how much education to receive after high school.
- Develop an ICAP by selecting courses and co-curricular activities that relate to educational and career goals.
- If undecided regarding a Career Path or Career Cluster, choose courses from different career areas to provide a better idea of interests.

## Career Paths and Career Clusters

<p><b>Arts and Communication</b></p> 	<p>These occupations are related to the humanities and the performing, visual, literary and media arts. They may include architecture, interior design, creative writing, fashion design, film, fine arts, graphic design and production journalism, language, radio, television, advertising and public relations.</p>	<p><i>Career Clusters:</i></p> <p>Arts, Audio/Visual Technology and Communications</p>
<p><b>Business Management and Technology</b></p> 	<p>These occupations are related to the business environment. They may include entrepreneurship, sales, marketing, computer/information systems, finance, accounting personnel, economics and management.</p>	<p><i>Career Clusters:</i></p> <p>Information Technology, Finance, Marketing, Sales and Service, Business, Management and Administration</p>



<p><b>Health Services</b></p> 	<p>These occupations are related to the promotion of health and treatment of disease. They may include research, prevention, treatment and related technologies.</p>	<p><i>Career Clusters:</i></p> <p>Health Sciences</p>
<p><b>Human Services</b></p> 	<p>These occupations are related to economic, political and social systems. They may include education, government, law and law enforcement, leisure and recreation, military, religion, childcare and social services.</p>	<p><i>Career Clusters:</i></p> <p>Human Services, Hospitality and Tourism, Government and Public Administration, Law, Public Safety, Corrections and Security, Education and Training</p>
<p><b>Industrial &amp; Engineering Technology</b></p> 	<p>These occupations are related to the technologies necessary to design, develop, install or maintain physical systems. They may include engineering, manufacturing, construction, service and related technologies.</p>	<p><i>Career Clusters:</i></p> <p>Science, Technology, Engineering and Mathematics, Architecture and Construction, Manufacturing, Transportation, Distribution and Logistics</p>

<p><b>Natural Resources</b></p> 	<p>These occupations are related to the environment and natural resources. They may include agriculture, earth science, environmental sciences, fisheries, forestry, horticulture and wildlife.</p>	<p><i>Career Clusters:</i></p> <p>Agriculture, Food, and Natural Resources</p>
---	---	--

## Career Path Information

### 1. Arts and Communication – *Artistic “Creators”*

Are you a creative thinker, imaginative, innovative, original, and like to communicate ideas? Consider this career path.

**Classes that will support the exploration and preparation for a career in Arts and Communication:**

Art	World Arts	Theatre Arts
Speech	Advanced Speech	Public Speaking
Creative Writing	Multimedia	Psychology
Desktop Publishing	Band	Choir
Nutrition and Wellness	Housing	
Sociology	American Literature	
Web Design	Spanish	

**Possible Clubs, Activities, and Volunteer Work:**

Talking Greyhounds and/or Theatre Arts, FCCLA, FBLA, Yearbook, Technology Club, Art Club, Church Choir, Local Newspaper, Sing National Anthem at Events

**Occupations in this Career Path:**

Broadcast technician	Compositor	Technical Writer
Interpreter	Public Relations	Reporter
Writer and Editor	Actors, Directors	Producers
Dancers	Choreographers	Model
Musician	Horticulturist	Newscaster
Architect	Commercial Artist	Designer
Graphic Artist	Florist	Interior Decorator
Jeweler	Merchandise Display	Sign Painter
Photographer		

**2. Business Management and Technology – *Conventional “Organizers”***

Do you like being a leader, organizing people, planning activities for others and talking with important people? Do you like working with numbers or ideas, like to carry through an idea and see the end product, like to know what is expected of you, and like things around you to be neat and orderly? Consider this career path.

**Classes that will support the exploration and preparation for a career in Business Management and Technology:**

Yearbook	Web Design	Accounting
Illustrator	Photoshop	Video Productions
Housing	Coding	International Foods
Computer Applications	Multimedia	Sociology
Foreign Language	Psychology	Upper level Math
Upper level Science	Statistics	Creative Writing
Speech	Computer Networking	Public Speaking
Personal Finance	Introduction to Business	Business Economics

**Possible Clubs, Activities, and Volunteer Work:**

FBLA, Yearbook, Technology Club, Sales Projects for Clubs, Raise Money for Charitable Causes

**Occupations in this Career Path:**

Accountant	Auditor	Building Manager
Budget Analysis	Travel Agent	Computer Operator
City Manager	Credit Manager	Postmaster
Property Manager	Purchasing Agent	Cashier
Real Estate Agent	Shipping & Receiving Clerk	Personnel Training
Relations Specialist	Retail Sales	Stock Broker

Travel Agent	Actuary	Research Analysis
Computer Programmer	Computer Analyst	Economics
Marketing	Mathematician	Underwriter
Administrative Assistant	Bank Teller	Billing Clerk
Computer Operator	Court Clerk	Data Entry
Dispatcher	File Clerk	Postal Clerk
Receptionist	Statistician	Adjuster

### 3. Health Services – *Investigative/Social “Thinkers/Helpers”*

Do you like helping people who are sick or people stay well? Are you interested in new diseases and how the body works? Do you like observing people and looking for changes in how they are doing? Consider this career path.

#### **Classes that will support the exploration and preparation for a career in Health Services:**

Family Living	Nutrition and Wellness	Foods
Child Development	Accounting	Speech
Psychology	Biology	Chemistry
Physics	Introduction to Business	Anatomy
Business Economics	Health	Upper level math
Computer Applications	Foreign Language	Sociology
Lifetime Sports	Conditioning	Health Occupations

#### **Possible Clubs, Activities, and Volunteer Work:**

FBLA, FCCLA, Student Council, Vo-Tech, Hospital Volunteer, Red Cross, Donate Blood, Food Service Advisory Board member, Nurse/Pharmacist for a Day

#### **Occupations in this Career Path:**

Activities Therapist	Dental Assistant	Dental Technician
Ambulance Attendant	Home Health Aide	Radiology Tech
Dietician	Medical Assistant	Dialysis Tech
Occupational Therapist	Chiropractor	Dispensing Optician
OT Assistant	Nursing Aide	EEG Tech
EMT	Pharmacist	Optometrist
Physical Therapist	PT Assistant	Physician
LPN	Physician Assistant	Medical Record Tech
Recreational Therapist	Registered Nurse	Respiratory Therapist
Dental Hygienist	Surgical Tech	Audiologist

#### 4. Human Services – *Social “Helpers”*

Are you friendly, open, outgoing, understanding, and cooperative? Do you like to work with people to help solve problems? Is it important to you to do something that makes things better for other people? If so, consider this career path.

##### **Classes that will support the exploration and preparation for a career in human services:**

Psychology	Sociology	Child Development
FTA	Art courses	Family Living
Upper level math	Foods	Chemistry
Speech	Accounting	Political Science
US Government	Computer Applications	Conditioning
Health	Introduction to Business	Business Economics

##### **Possible Clubs, Activities, and Volunteer Work:**

Sports, Student Council, Class Officer, FBLA, FCCLA, FTA, A+ Program, Work for Political Campaigns, Day Care, Teacher Aide, Scouts, A+ Tutor

##### **Occupations in this Career Path:**

Court Administrator	Library Technician	Funeral Director
Lawyer & Judge	Preschool Worker	Housekeeper
Correction Officer	Secondary School Teacher	Janitor & Custodian
Firefighter	Special Educ. Teacher	Pest Control
Clergy	Teacher Aide	Refuse Collector
Minister, Rabbi, Priest	Chef and/or Cook	Flight Attendant
Religious Worker	Food & Beverage Service	Upholsterer
Adult Education Teacher	Meat Cutter	Aircraft Pilot
Archivist & Curator	Human Services Worker	Air Traffic Controller
College Faculty	Marriage Counselor	Bus Driver
Counselor	Social Worker	Rail Transportation
Librarian	Social Service Aide	Truck Driver
Police, Detectives & Special Agent	Vocational Rehab Counselor	Recreation Attendant
Elementary Teacher	Substance Abuse Counselor	Recreation Worker
Cosmetologist	Health & Skincare Specialists	Barber
Psychologist	Guard	Child Care Worker
Sociologist		

## 5. Industrial and Engineering Technology – “*Doers/Thinkers/Organizers*”

Are you mechanically inclined, practical, like to use your hands and build things, and like to know how things work? Consider this career path.

### **Classes that will support the exploration and preparation for a career in Industrial and Engineering Technology:**

Multimedia	Introduction to Business	Building Trades
Welding	Auto Mechanics	Machine Tools
Speech	Upper level math	Psychology
Robotics	Sociology	Physics
Accounting	Computer Applications	Geometry
Ag Construction	Business Economics	

### **Possible Clubs, Activities, and Volunteer Work:**

FBLA, Yearbook, Technology Club, FFA, Talking Greyhounds, Robotics Club, Vo-Tech

### **Occupations in this Career Path:**

Aerospace Engineer	Industrial Machinery Repair	Electrician
Chemical Engineer	Line Installer/Cable Splicer	Engineering Technician
Civil Engineer	Musical Equipment Repair	Forklift Operator
Electrical Engineer	Robotics Technician	Glazier
Industrial Engineer	Small Engine Repair	Mechanical Engineer
TV & Radio Repair	Insulation Worker	Carpet Installer
Nuclear Engineer	Vending Machine Services	Painter & Paperhanger
Petroleum Engineer	Boilermakers	Plasterer
Aircraft Mechanic	Machinist	Plumber & Pipefitters
Alarm System Installer	Tool & Die Maker	Roofer
Automotive Body Repair	Welder	Sheet metal Worker
Automotive Mechanic	Printing Press Operator	Biomedical Technician
Bindery Worker	Bulldozer Operator	Bricklayer
Stationary Engineer	Diesel Mechanic	Drywall Worker
Electronic Equip. Repair	Bulldozer Operator	Broadcast Technician
Farm Equip. Mechanic	Carpenter	Drafting
Heating/AC Repair	Home Appliance Repair	Engineering Technician
Drywall Worker	Surveyor	Operator
Electric Power Generating	Water Treatment Plant Worker	

**6. Natural Resources – Realistic “Doers”**

Are you a nature lover, practical, curious about the physical world, interested in plants and animals, like to be physically active? Do you like to observe, learn, investigate, or solve problems? If so, consider this career path.

**Classes that will support the exploration and preparation for a career in Natural Resources:**

Physical Science	Zoology	Ecology
Biology	Chemistry	Speech
Physics	Psychology	Foods
Sociology	Lifetime Sports	Floriculture
Accounting	Upper level math	Computer Apps
Agriculture	Advanced Animal Science	Nutrition
Introduction to Business		

**Possible Clubs, Activities, and Volunteer Work:**

FBLA, FFA, FCCLA, Sports/Outdoor Activities, Adopt-A-Highway or River, Florist, Parks, Veterinary, Animal Shelter

**Occupations in this Career Path:**

Agricultural Scientist	Physicist & Astronomer	Animal Caretaker
Agriculture Engineer	Biological Scientist	Farm Worker
Coop. Extension Service	Farm Operator & Manager	Veterinarian
Forester & Conservationist	Vet Laboratory Assistant	Fish & Game Warden
Chemist	Gardener/Groundskeeper	Geologist
Geophysicist	Landscape Architect	Meteorologist
Nursery Work	Horticulturist	

## **Career Cluster Courses Offered at WHS**

### **Communication Arts**

- English I (1 credit)
- English II (1 credit)
- English III (1 credit)
- English IV (1 credit)
- Speech I (1 credit)
- Advanced Speech (1 credit)

### **Mathematics**

- Algebra A (1 credit)
- Algebra B (1 credit)
- Algebra I (1 credit)
- Geometry (1 credit)
- Algebra II (1 credit)
- DC College Algebra (1 credit)

### **Science**

- Physical Science (1 credit)
- Biology (1 credit)
- Chemistry I (1 credit)
- Earth Science & Forensic Science Alternate Years (1 credit)
- Anatomy (.5 credit)
- Physiology (.5 credit)
- Ecology (.5 credit)
- Zoology (.5 credit)

### **Social Studies**

- World History (1 credit)
- American History (1 credit)
- U.S. Government (1 credit)
- Psychology (.5 credit)
- Sociology (.5 credit)



## **Agriculture**

- Agricultural Science I (1 credit)
- Agricultural Science II (1 credit)
- Greenhouse Management (1 credit)
- Ag Power (1 credit)

## **Business**

- Accounting I & Intro to Business Alternate Years (1 credit)
- Computer Applications (1 credit)
- Business Economics (1 credit)
- Multimedia (1 credit)
- Yearbook (1 credit)
- Desktop Publishing (1 credit)
- Personal Finance (.5 credit) Required for Graduation

## **Family and Consumer Sciences (FACS)**

- Culinary Arts (.5 credit)
- Advanced Culinary Arts (.5 credit)
- Entrepreneurship (.5 credit)
- Cakes & Pastries (.5 credit)
- Interior Design (.5 credit)
- World Foods (.5 credit)
- Apparel, Textiles, & Fashion (.5 credit)

## **Physical Education (1 credit required)**

- Coed Physical Education (1 credit)
- Lifetime Sports (1 credit)
- Coed Conditioning (1 credit)
- Girls Conditioning (1 credit)
- Health (.5 credit) Required for Graduation

## **Fine Arts**

- Art I (1 credit)
- World Arts (1 credit)
- Art II, III, & IV (1 credit)
- High School Band (1 credit)
- Chorus (1 credit)

- Drumline (1 credit)
- Theatre Arts (1 credit)

### **General Elective Courses**

- FTA (1 credit)
- The School Flex Program (Up to 5 credits)
- Teacher Aide (0 credit)
- Greyhound Time (0 credit)
- Online Dual Credit (.5 credit) Per College Semester
- MOCAP Program (See high school counselor for more information)
- Missouri Option Program (See high school counselor for more information)

### **Career & Technical Programs - Clinton Technical School**

- Auto Mechanics I (3 credits)
- Auto Mechanics II (3 credits)
- Building Trades (3 credits)
- Building Trades II (3 credits)
- Welding (3 credits)
- Welding II (3 credits)
- Machine Tool (3 credits)
- Machine Tool II (3 credits)
- Computer Networking I (3 credits)
- Computer Networking II (3 credits)
- Health Sciences (3 credits)
- Health Sciences II (3 credits)
- EMT (3 credits)
- EMT II (3 credits)
- Embedded English (.5 credit) Each Year
- Employability (3 credits) 1 English Credit/1 Math Credit/1 Elective Credit

### **Special Services**

- For available classes, contact the Student Services Director

## General Enrollment Information

### Grades, Grade Point System, and Weighted Classes

Quarter and semester grades are emailed to parents. Progress report grades are emailed or handed to parents at parent teacher conferences.

Teachers in different subject areas may use diverse criteria in evaluation of student progress. All students will receive a letter grade for each quarter and semester. The following system is used in grading subject matter:

#### Non-weighted Scale

A 4.00 100 -95%	A- 3.66 94-90%	
B+ 3.33 89-87%	B 3.00 86-84%	B- 2.66 83-80%
C+ 2.33 79-77%	C 2.00 76-74%	C- 1.66 73-70%
D+ 1.33 69-67%	D 1.00 66-64%	D- 0.66 63-60%
F 0.00 59-0%		

#### Weighted Scale

A=5.0	A- =4.58	
B+=4.17	B=3.75	B-=3.33
C+=2.92	C=2.25	C-=2.08
D+=1.67	D=1.25	D-=1.0
F= 0		

Advanced courses which are designed to prepare a student for college curriculum will hold a higher weight than regular courses.

#### **The following classes, if offered (depends on size and student interest), will be weighted:**

Honors English III, American Literature, English Composition I, English Composition II, Honors Algebra II, College Algebra, Trigonometry, Statistics, Anatomy and Physiology, Advanced Biology, Chemistry II, Physics, American Law, Psychology, Sociology, and Advanced Animal Science.

***All Dual Credit Courses (Approved by the School Counselor and/or the Principal) will also be weighted.*** These courses are those currently listed in the planning guide and those offered in the future and will include those done online, face-to-face, or on a college campus.

GPA will be determined by the cumulative total of all graded courses. A plus or minus may be added to each letter grade, except that a plus will not be added to an A or F. Semester grades will be computed using percentages of total points on quarter grades and semester finals. These percentages will then be converted to a letter grade. Semester finals (written test or project) will constitute at least 10% of the semester grade.

## **Honor Roll and Academic Honors**

To make the A Honor Roll, a student must earn an A in every class. To make the A & B Honor Roll, a student must have earned an A or B in every class.

Academic Letters are awarded to recognize students who perform well academically and to motivate students to continue their academic success. To be eligible students must:

1. Be classified as a secondary student (9 -12)
2. Be enrolled the entire school year. Transfer students must have been enrolled the last three quarters and have transferred in with at least a 3.33 grade point average.
3. Have earned a minimum of seven credits of credit per academic year; students attending CTS need to have earned 6 credits for their junior and senior year.
4. Have earned a grade point average of 3.33 or higher for the entire academic year.

First year letter winners will receive an academic letter, a bar, and a certificate. Students will receive a bar and a certificate for each additional year that they letter. The letter is to be worn on the right side of the letter jacket.

WHS participates in the National Honor Society. Members are considered to be superior in Scholarship, Leadership, Character, and Service. Members are selected by a faculty committee and input from other staff members. Sophomores, juniors and seniors may be considered if they have a cumulative GPA of 3.33 or above.

Seniors will graduate as an Honor Graduate if they earn a minimum of seven credits (or 6 if a vocational student or teacher assistant) their senior year, and earn a 3.3 cumulative grade point average.

WHS students may earn Academic Excellence and be honored at a banquet in the spring by earning a 3.5 GPA for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> quarters. This is not a cumulative GPA.

## **End-of-Course and other Exams**

All Missouri high school students are required to take End-of-Course (EOC) Exams following completion of these courses for graduation.

1. Algebra II EOC – (If a student took Algebra I as an 8<sup>th</sup> grader, then they will be required to take the Algebra II EOC for graduation).
2. English II EOC
3. Biology EOC
4. American Government EOC

***Freshmen will take the Pre-ACT in the spring.***

***Juniors take the ASVAB (used primarily for career exploration) in the fall.***

***Volunteer Sophomores, Juniors, and Seniors will be provided the opportunity to take the District ACT in the spring at WHS (Note – Students are responsible for the discounted ACT Fee).***

In order to graduate, students ***must take and pass*** a Civics, and Missouri and U.S. Constitution Tests, and receive 30 minutes of CPR instruction.

### **Summer Credit Recovery**

High School Summer Credit Recovery will be offered and dates/times TBA. Students are only allowed to recover up to one (1) full credit through summer school. Students who do not complete, or fail their online credit recovery course or credit acquisitions, will not be eligible to take any further online offerings for that school year.

### **College Prep Opportunities**

Several special programs are designed to meet the needs of academically-talented students, providing intellectual challenge through curriculum, which are designed to improve competitive advantage for college admission or other advanced study and increase their scholarship opportunities. These programs are listed below:

### **Dual Credit (DC) -Weighted**

Students and their parents should meet with the high school counselor to investigate all opportunities and options available through the programs. **Please be aware that acceptance of credit through these programs is determined by individual colleges.**

WHS has agreements with State Fair Community College (SFCC) and University of Central Missouri (UCM) whereby high school sophomores, juniors, and seniors, with qualifying scores, may enroll in college courses and receive both high school and college credit. To be eligible, students must meet the individual college requirements. Equating college hours to high school credit has been established as follows: 2-5 college credit hours =  $\frac{1}{2}$  credit of high school credit. Any student who fails two or more quarter classes (at least one semester) within one year will not be eligible for DC online classes as well as Launch and other forms of online instruction. Students taking online courses may work from home for that specific class period but are required to report on time for their next scheduled in-person class. To enroll or to obtain more specific details on DC courses contact the high school counselor.

Possible DC Courses are listed in the WHS Career Cluster Courses offered, and Courses by Department sections of this planning guide. Courses offered through SFCC and UCM are available on the colleges' websites. Students may enroll in a WHS DC course without paying the fee for the college credit; upon successful completion of the course, they will earn the weighted grade for high school credit, but NOT the college credit. **Tuition for these courses must be paid directly to the college.**

## A+ Program

The A+ School Program strives to ensure that students are prepared for a successful life beyond high school. The A+ School Program provides students with continuous, progressive career information throughout the students' years at WHS. The program focuses on ensuring students have course offerings that are rigorous and relevant to the world outside the classroom that will better prepare them for their paths after high school.

### An A+ Student must:

- Be a US Citizen or permanent resident (See the A+ Coordinator with any questions).
- Sign a **WHS A+ Participation Agreement** to be in the program.
- Attend an **A+ School** for four (4) consecutive semesters prior to graduation (grades 10-12).
- Graduate with an **unweighted** cumulative GPA of 2.5 or higher on a 4.0 scale. Graduate with at least a **95%** cumulative attendance record for grades 9-12.
- Perform **50 hours** of unpaid tutoring to other students in the district.
- Maintain a record of good citizenship and avoid the use of alcohol and unlawful drugs.
- Apply for **non-repayable federal tuition assistance** before requesting A+ Student Financial Incentive Assistance by filling out the Free Application for Federal Financial Aid (FAFSA).
- Score **proficient or advanced** on **ONE** of the following EOC Exams: **Algebra I, Algebra II, or Geometry** or receive a qualifying Pre-ACT or ACT Math score and accompanying GPA (See the School Counselor for Table).
- If a student takes the Algebra II EOC Exam as an 8<sup>th</sup> grader and passes with a proficient or advanced, then they have satisfied this requirement.

It is easy to become part of the A+ School Program. Simply read the citizen guidelines and complete the agreement. It is recommended that students sign up early in their high school careers. This allows students to complete the tutoring portion of the A+ requirements and receive college and career information from the A+ Coordinator. It also allows the A+ Coordinator to monitor the students' GPA and attendance.

It is also recommended that students enroll in the A+ School Program even if they plan to attend a four-year college or enter the workforce rather than attend college. This program is an opportunity for students to access additional education after high school; it does not obligate them to use the A+ tuition reimbursement. **The A+ benefits are available to all A+ graduates up to four years after high school graduation.** Many four-year universities are now offering A+ Scholarships in lieu of A+ tuition.

- A student graduating with A+ status may be eligible for two years of tuition grants to attend any accredited public Missouri community college or participating vocational/technical school as a full-time student. Tuition benefits may cover tuition and general fees.

- Parental income is not a criterion for the A+ student incentive reimbursement.

**The rules and reimbursement for the A+ Schools Program are determined by the State Legislature. They may change at any time.** For additional information about the A+ School Program, contact the A+ Coordinator.

### **Steps to Prepare for Post High School**

It is not too soon to start thinking about the future! Students considering attending school (four-year college/university, career/technical school, or two-year college) after high school, may find it helpful to do the following:

- Make a list of the schools of interest during the freshman and sophomore years.
- Gather information from each school and study it during the sophomore and junior years.
- Register to take the ACT or SAT Assessment for the first time between sophomore and junior years.
- Work with the school counselor to complete an Individual Career & Academic Plan through Missouri Connections.
- Visit the campus of each college under serious consideration at the end of junior year or beginning of senior year.
- Junior year sign up for the NCAA/NAIA Associations if looking to play college sports.
- September of senior year students AND parents should register for a FAFSA ID.
- October of senior year, complete an electronic FAFSA using the ID requested in September.
- Make decisions for colleges in the first semester of senior year and submit applications to the top choices.
- Apply early for housing.
- Apply early for financial assistance. Pay attention to deadlines listed in the financial aid information received from the school counselor and the schools interested in attending.
- Complete scholarship applications throughout your senior year with concentration on local and college-specific scholarships. See school counselor for more information.
- Find out about local, state, federal and private student financial assistance programs.
- Make your decision. Take time to review all information carefully and weigh your options.

If considering serving in the Armed Forces after high school, it may be helpful to:

- Visit with friends, neighbors, and relatives who have served in various branches of the Armed Forces.
- Study military literature available in the library or the school counseling office.
- Evaluate any physical limitations that might prevent serving in the Armed Forces.
- Compare military training opportunities with possible civilian occupations.
- Arrange with the school counselor to visit with various military recruiters during junior and senior years of high school. When meeting with recruiters, listen carefully, ask questions, and ask to see it in writing.

- Compare benefits, tours of duty, training, and promotion opportunities of military programs.

If considering direct employment after high school, it may be helpful to:

- Explore special abilities and interests with the school counselor.
- Collect and study materials about writing resumes and letters of application.
- Contemplate considerations on moving away from your home region after high school.
- Visit with individuals working in various occupations that may be of interest. Become familiar with major employers in the areas of interest.

Reference: Mapping Your Future. (November, 2016). Retrieved from <http://www.mapping-your-future.org>.

## Changing Schedules

The Master Schedule is prepared using the most requested courses by students. While accommodating most students, some courses will not be offered and conflicts in schedules could occur. When enrolling, please consider at least two alternate courses in case some electives are unavailable.

Changing schedules after the Master Schedule is completed results in too many unbalanced classes. Changes may only be made the **first three (3) days of each semester** for high school students and only if approved by the school counselor or principal.

## High School Course Descriptions

(All Classes Offered are Subject to Number of Student Requests)

### COMMUNICATION ARTS

**(4 credits required for graduation)**

#### **English I**

1 credit

Students will analyze, interpret, draw conclusions, and question literary elements including characters, setting, plot, conflict and theme at a level that will enable them to make and support a thesis statement. Literature will be analyzed to determine the purposes, motivations, and points of view of various authors. Course cannot be repeated for credit.

#### **English II**

1 credit

Students will analyze, interpret, draw conclusions and question literary devices including flashback, foreshadowing, symbolism, simile, personification, and alliteration. They will be able to use technology to gather and organize research to support an expository essay. By using



personal writing strategies the students will write a quality theme with an introduction, thesis, and body with 2-4 major points supported by examples, transitions, and a conclusion. Course cannot be repeated for credit.

**English III**

1 credit

Students will be studying American Literature from the 1600s to today. Students will also be reading one or two novels by American authors in addition to writing personal narratives and at least one research paper. Students will be able to interpret fiction and nonfiction. Course cannot be repeated for credit. *Honors English III is a weighted class.*

**English IV**

1 credit

The students will write high quality, traditional, college-level themes and also present oral and written literary analysis. They will participate in discussion of a variety of literature. Students will be required to write an in-depth, persuasive research paper. Course cannot be repeated for credit.

**Speech I**

1 credit

The students will be able to present quality informative, demonstrative, and persuasive speeches. Also, they will be able to prepare and present an interpretation of different literary genres following MSHSAA guidelines. Course cannot be repeated for credit. *May count as one required English credit.*

**Advanced Speech**

1 credit

Prerequisite- Speech I

Advanced techniques will be taught. Contest participation will be required. Advanced Speech students will be required to produce a finished product for the Night of Forensics. This course may be repeated for credit. (Communication Arts Elective)

**MATHEMATICS**

**(3 credits required for graduation)**

**Algebra A**

1 credit

Involves the study of basic arithmetic operations with real numbers (including integers) and variables in correspondence with solving one-step and multi-step equations and inequalities. It also covers relations and functions through tables, mapping, and graphing in a coordinate plane. Algebra A students also discover probability, geometry, polynomials, and exponent rules and their uses in real-world situations. Course cannot be repeated for credit.

**Algebra B**

1 credit

A continuation of Algebra A. It evolves into solving and graphing complex linear inequalities, equations, and systems of equations. It also covers the discovery of solving and graphing quadratic and exponential equations which include completing the square and factoring. Students will also use polynomial calculation, including exponent rules, in real-world applications. Course cannot be repeated for credit.

**Algebra I**

1 credit

The Algebra I students will be able to determine, solve, and graph linear equations with one or more variables. Also they will be able to use polynomials, solve and graph linear inequalities, and solve equations, which contain rational expressions. In addition, they will be able to solve quadratic equations by factoring and solving problems using linear and quadratic equations. Course cannot be repeated for credit. ***Eighth grade students may take for high school credit.***

**Geometry**

1 credit

Prerequisite: Algebra I

An understanding of the basic terms and symbols of geometry, area, perimeter, and volume will be accomplished by the geometry student. They will be able to use concepts of congruence and similarity to compare lengths, areas, and volumes and understand angle, line, and circle relationships. Course cannot be repeated for credit.

**Algebra II**

1 credit

Prerequisites: Algebra I and Geometry

In this course, the basic concepts from Algebra I are enriched. Topics studied include graphing, analyzing, and interpreting functions including polynomial, rational, exponential, and logarithmic functions; systems of linear equations and inequalities; matrices; conic sections; exponents and radicals. Calculators and computer software will be used when appropriate to enhance instruction. Course cannot be repeated for credit. ***Honors Algebra II is a weighted course.***

**DC College Algebra**

1 credit

Prerequisites: Algebra I, Geometry, & Algebra II

Students will need to take the Accuplacer or ACT and meet requirements set by the university. Topics studied include polynomial, logarithmic, and exponential functions; matrices and determinants; and sequences and series as listed in the syllabus. Students will be responsible for paying dual credit tuition. Course cannot be repeated for credit. ***College Algebra is a weighted class.***

**SCIENCE****(3 credits required for graduation)****Physical Science**

1 credit

This course will provide the student with an investigative approach in the development of scientific concepts in the areas of physics and chemistry. Students will develop skills in using the laboratory equipment and the scientific method to solve real-life problems. Course cannot be repeated for credit.

**Biology I**

1 credit

The Biology I course is designed to provide students with the basic concepts and understanding of life science. The course will include the study of organisms (both plant and animal) from the cellular level to the complete organism, including proper procedures for handling materials and equipment in laboratory experiments. Course cannot be repeated for credit.

**Anatomy and Physiology**

1 credit

Prerequisites: Physical Science & Biology I

Anatomy is designed for students desiring to enter a medically related career. This course is designed to offer students basic concepts of human anatomy and physiology including laboratory activities. NOTE: A GPA of 3.0 or better is recommended for success in this course. Course cannot be repeated for credit. (Science elective) *Anatomy and Physiology is a weighted class.*

**Chemistry I**

1 credit

Prerequisites: Physical Science & Biology I

Chemistry I includes the study of properties of matter and their relationships. The course will combine chemical theories and problems related to chemical formulas, reactions, atomic structure, and bonding using the periodic table. Study will also include investigations of acid/base reactions, oxidation/reduction reactions and an introduction to organic chemistry. Course cannot be repeated for credit. (Science elective)

**Ecology** $\frac{1}{2}$  credit

Prerequisites: Physical Science & Biology I

This course documents and seeks to explain patterns of distribution and abundance of organisms in the natural world. Study is made of populations, coevolution density factors, competition; physical environment; concept of community, tropic structure, biotic succession, characterization of biomes, man in ecosystem. Much of the work in this class will be done in the outdoor classroom. Course cannot be repeated for credit. (Science elective)

**Zoology**

½ credit

Prerequisites: Physical Science &amp; Biology I

Zoology is the study of how animals obtain and spend energy for maintenance, homeostasis, locomotion; control coordination and reproduction; and the mechanisms of evolution. Course cannot be repeated for credit. (Science elective)

**Earth Science**

1 credit

Prerequisites: Physical Science &amp; Biology I

This course is an examination of the Earth as a system within itself and as a part of the solar system, the Milky Way Galaxy, and the Universe. Students will investigate and study the interactions between the four major Earth spheres including the geosphere, atmosphere, hydrosphere, and biosphere in order to explain Earth's formation, processes, history, landscapes, and how and why Earth changes over time. Course cannot be repeated for credit.

**SOCIAL STUDIES****(3 credits required for graduation)****World History**

1 credit

The World History student will gain an understanding of key political, economic, military, religious, and geographic forces that shape our world. They will also possess a chronological and thematic perspective of world history. Course cannot be repeated for credit.

**American History**

1 credit

Prerequisite: World History

This course is a survey of Credited States History from Reconstruction onward. Some content may be reviewed from the pre-Civil War period. Students will use a variety of learning methods to accomplish objectives, both individually and in learning teams. Various angles of Credited States history will be presented and alternate readings other than the required text shall be provided. Course cannot be repeated for credit.

**U.S. Government**

1 credit

Prerequisites: World History &amp; American History

This course explores the structure and dynamics of American national government, providing a broad-based introduction to the ideas and institutions that shape politics in the contemporary Credited States. Students will focus their learning on the Constitution and the debates of the

founding era, the institutions of modern American government, and the political behavior of the American mass public. Course cannot be repeated for credit.

**Psychology****½ credit**

Students will understand human behavior with emphasis on the “life adjustment” aspect of individual behavior. Recommended for junior and senior students. NOTE: A GPA of 3.0 or better is recommended for success in this course. Course cannot be repeated for credit. (Social Studies elective) ***Psychology is a weighted class.***

**Sociology****½ credit**

Sociology students will study human groups with emphasis on the interaction such as social values, culture, social conflict, etc. Recommended for junior and senior students. NOTE: A GPA of 3.0 or better is recommended for success in this course. Course cannot be repeated for credit. (Social Studies elective) ***Sociology is a weighted class.***

**PRACTICAL ARTS (Agriculture, Business, & FACS)****(1 credit required for graduation)****AGRICULTURE**

\*\*\*If a student chooses to take Agriculture Science I, Agriculture Science II, and Advanced Animal Science, Floriculture, or other approved advanced agriculture course, this will count as one of the required science credits for graduation. ***Agribusiness Sales and Marketing Mgt or Ag Construction DO NOT count towards science.***

**Agricultural Science I****1 credit**

A course designed for instruction in animal science, agricultural mechanics, career exploration, leadership and personal development, and Supervised Agricultural Experience. Students will be encouraged to join FFA. Course cannot be repeated for credit.

**Agricultural Science II****1 credit**

Prerequisites: Ag I

A course designed for instruction in plant and crop science, soils, grassland management, and forestry. Additional instruction in agricultural mechanics, career development, leadership, and Supervised Agricultural Experience will also be taught. Students will be encouraged to join FFA. Course cannot be repeated for credit.

**Greenhouse Management**

1 credit

Prerequisites: Ag I &amp; Ag II

Teaches the fundamental principles of running a greenhouse, covering topics like greenhouse structures, environmental control (temperature, humidity, light), plant propagation and care, pest management, growing media, and the latest technologies. This class equips students with technical skills for careers in horticulture and provides hands-on experience in greenhouse operations, often utilizing the school's own facilities. Course cannot be repeated for credit. ***The combination of Ag I, Ag II, & Greenhouse Management equal a science credit for students.***

**Ag Power I**

1 credit

Prerequisites: Ag I &amp; Ag II, or 2 years of Ag

Focuses on the systems and machinery used in agriculture, including engines, powertrains, hydraulics, and electrical systems. It prepares students for careers in agricultural machinery service and repair. The course may cover topics like shop safety, tool operation, welding, electrical systems, and more depending on the specific curriculum. Course can be repeated for credit.

**BUSINESS****Introduction to Business**

1 credit

Provides a foundational understanding of key business concepts and principles, preparing students for future careers in the business world or for further business studies. It often covers topics like economics, entrepreneurship, marketing, and management while developing essential skills like communication and teamwork. Course cannot be repeated for credit.

**Computer Applications**

1 credit

This course is designed to improve keyboarding skills while introducing students to new software skills. Students will learn to: execute basic computer operations; proficiently use Word, Excel, PowerPoint, and ACCESS software; effectively work with pictures and graphics in all programs; demonstrate presentation skills using PowerPoint software and evaluate presentations; and apply the use of the software to produce quality projects appropriate for education and/or business use. Course cannot be repeated for credit.

**Business Economics**

1 credit

This course is designed to help students understand economic concepts necessary for their participation in a capitalist system as wage earners, business owners, producers, and investors. Basic economic concepts like supply and demand, competition, growth and stability are emphasized. Topics include the government's role in the economy, the sharing of economic risks

and the effect of inflation, and monetary policies on national and international economics. Course cannot be repeated for credit.

**Multimedia**

1 credit

Students will use state-of-the art multimedia equipment including computers, scanners, cameras, video cameras, and printers as well as the following computer applications: Photoshop, Illustrator, InDesign, Roxio, and PowerPoint. Course cannot be repeated for credit.

**Desktop Publishing**

1 credit

Students develop proficiency in using graphic arts/desktop publishing software to create a variety of business publications such as flyers, brochures, newsletters, etc. Course cannot be repeated for credit.

**Desktop Publishing (Yearbook)**

1 credit

Prerequisite: Course Application

This course is designed for junior and senior students interested in business, ad sales, photography, computers, and the Internet. Emphasis will be placed on proper skills and techniques in budgeting for, and the designing and constructing of the high school yearbook. Students will work with layouts, text, typography, graphics, and various printing options. Students must apply for a position on the staff. They must have a B average in English and get two recommendations from teachers. Students are responsible for selling ads and yearbooks to meet the budget. Students will also produce a portfolio of their work throughout the year. Course can be repeated for credit.

**Personal Finance** $\frac{1}{2}$  credit

This course is designed to introduce students to real-world finance issues such as budgeting, taxes, credit cards, student loans, and insurance. Recommended for sophomore students. Course cannot be repeated for credit. **(Personal Finance credit, required course for graduation)**

**FAMILY AND CONSUMER SCIENCES (FACS)****Culinary Arts** $\frac{1}{2}$  credit

Culinary Arts is an introductory food exploration course that incorporates food preparation, meal planning, food safety and sanitation, and nutrition. This course is a prerequisite for Advanced Culinary Arts. This course has a final of “Cupcake Wars”. Course cannot be repeated for credit.

**Advanced Culinary Arts**

½ credit

Prerequisite: Culinary Arts

Advanced Culinary Arts is designed to follow Culinary Arts to further explore nutrition and the impacts on our daily lives and learn more advanced, in-depth cooking techniques. Exploration in careers related to the food industry will be examined as well. This course has a final of “Food Truck Wars”. Course cannot be repeated for credit.

**Entrepreneurship**

½ credit

Introduces students to career opportunities and/or career pathways in family consumer sciences and human services-related occupations/careers. It explores the development, marketing, and management functions associated with owning and operating a family consumer sciences and human services-related business. Instruction emphasizes career development and preparation components; balancing family life and entrepreneurial ventures; hands-on activities in entrepreneurial concepts; and use of technology. Course cannot be repeated for credit.

**Cakes & Pastries**

½ credit

Designed to follow Culinary Arts to further explore nutrition and the impacts on our daily lives and learn more advanced, in-depth cooking techniques. Exploration in careers related to the baking and pastries industry will be examined as well. Course cannot be repeated for credit.

**World Foods**

½ credit

World Foods emphasizes the variety in food products and preparation techniques, experimentation in meal patterns and the significance of food as it relates to various cultures and conditions. The course places an emphasis on the history, geography, culture, and foods from other countries. Course cannot be repeated for credit.

**Apparel, Textiles, & Fashion**

½ credit

Apparel, Textiles, & Fashion focus on the elements and principles of design as it relates to fashion and clothing; fibers and fabrics; using a sewing machine and hand sewing, using a pattern; basic clothing construction; alterations; and clothing care and repair. Projects will be tailored to meet the construction skills of each student. Course cannot be repeated for credit.

**Interior Design**

½ credit

An instructional program that describes the study of housing and interiors. Interior Design includes instruction in analyzing, planning, designing, furnishing, and equipping homes to meet user needs. Course cannot be repeated for credit.



**PHYSICAL EDUCATION****(1 credit required for graduation)****Note: Students may only take one PE class per year.****Coed Physical Education**

1 credit

Students will be able to demonstrate knowledge and skills which better enable participation in group and team sports. They will also be able to assess physical fitness levels and participate in activities that improve physical fitness, wellness and cardiovascular capacity. Course can be repeated for credit.

**Lifetime Sports**

1 credit

The students will participate in sports and activities that may keep them active across their lifespan. The students will acquire knowledge of skill acquisition, rule comprehension, and historical value of each sport. Activities include (but are not limited to): Fitness, Biking, Volleyball, Golf, Ultimate Frisbee, Disability Sport, Bowling, Racket games, Basketball, Archery, Dancing, and Softball. Course can be repeated for credit.

**Coed Conditioning**

1 credit

Students will be able to demonstrate knowledge and skills in various weightlifting techniques. They will also participate in activities that improve strength, physical fitness, wellness and cardiovascular capacity. Course can be repeated for credit.

**Girls Conditioning**

1 credit

Students will gain knowledge of fitness through various workouts including weight lifting, T25, yoga, P90X, and student led activities. Course can be repeated for credit.

**Health** $\frac{1}{2}$  credit

The student will understand and build upon self-awareness in light of health topics. Topics covered within this class include nutrition, physical activity, first aid, body system development and care, contraceptives, STDs, and drugs. Course cannot be repeated for credit. **(Health credit, required course for graduation)**

**FINE ARTS (Art, Music, & Theatre Arts)****(1 credit required for graduation)****ART****Art I**

1 credit

The student will be able to create quality drawings using a variety of tools and media. They will understand how technology affects the world of commercial art and be able to create products using technology. Paintings will be produced using watercolor, oil, acrylic, and mixed media. Three types of sculpture will be produced. Course cannot be repeated for credit

**World Arts (Crafts)**

1 credit

Prerequisite: Art I

World Arts is less about drawing and more about making things. Many multicultural projects and "Pinteresting" possibilities: paper bowls, weaving, clay, papier-mache, and book making are some of the projects. Course cannot be repeated for credit.

**Advanced Art (II, III, IV)**

1 credit

Prerequisite: Art I

Advanced art will work in multiple 2-D and 3-D media with additional requirements in quality and meaning behind the artwork. Students will critique artwork, study art history, research an artist, and work in altered books. Course can be repeated for credit.

**MUSIC****High School Band**

1 credit

The student will be able to demonstrate proper instrumental techniques, possess written and performing knowledge, perform literature from various periods and cultures, and meet performance expectations. Students will be required to attend performances outside of the regular school day. Course can be repeated for credit. ***Eighth grade students may take for high school credit, however, according to MSHAA rules, students may only participate in competitive events a total of 4 years.***

**Chorus**

1 credit

The student will be able to demonstrate proper vocal techniques in performing music from various periods and cultures. Written assignments will be used to enhance the learning process. Students will be required to attend performances outside of the regular school day. Course can be repeated for credit.

**Drumline**

1 credit

Teaches drumming fundamentals on various percussion instruments for performance. Course can be repeated for credit.

**Theatre Arts**

1 credit

This course is designed to serve as an introduction to the theatre. Students will creatively explore the fundamental skills of the theatre arts including voice and diction, listening critically and speaking effectively, movement, improvisation, character development, scene design, theatre history, play analysis, and writing production literature. Acting projects will provide positive group experiences with collaborative assignments, developing self-discipline, evaluating the performances of others, and accepting constructive criticism. Course can be repeated for credit.

**GENERAL ELECTIVE COURSES****FTA**

1 credit

Future Teachers of America (FTA) provides instruction for those students that want experience in teaching. Students will also join the club and be a member of the FTA organization. Students must be a junior or senior and meet attendance of 95% and grade point average of 2.5 (C+) to enter the program. Students will be evaluated by their supervising teacher and given instruction in teaching their grade level of choice. Course can be repeated for credit.

**School Flex Program**

Up to 5 credits

Junior and senior students may enroll in this program if they meet ALL criteria set forth for School Flex in the official Student Handbook. Students must attend school for at least two (2) instructional hours per day within the district of residence; pursue timely graduation; provide evidence of enrollment and attendance at a college or technical school or of employment that is aligned with the student's written Individual Career & Academic Plan (ICAP); pursue regular requirements for a high school diploma; maintain a 95 percent attendance rate; and avoid suspension or expulsion while in the program. For credit purposes: 1 hour of employment per 1 enrolled hour/period of school time, 5 days a week, equates to ½ high school credit per semester OR 1 college class per 1 enrolled hour/period of school time, equates to ½ high school credit per semester – in both instances an exception for travel time can be approved by the school principal.

**Greyhound Time**

0 credit

Greyhound time is a 20-30 minute session daily. This session is used for advisory programs, assemblies, meetings, office referrals, and individual or small-group instruction. All certified staff will be assigned an intervention group during greyhound time. All students will participate in greyhound time if they are on a full-day schedule. Students will receive a grade for greyhound time.

**Teacher Aide**

0 credit

This no credit hour can be arranged under certain circumstances for Seniors who are on-track to graduate to work with a teacher and/or staff member to assist them with clerical or instructional duties.

**Online Dual Credit**

(Per College Semester) ½ credit

A variety of online dual credit courses are offered through Windsor High School agreements with local universities or colleges. Students are encouraged to meet with the high school counselor to discuss any courses they may be interested in taking.

**MOCAP Program**

See high school counselor for more information, requirements, and qualifications.

**Missouri Option Program**

See high school counselor for more information, requirements, and qualifications.

**CAREER AND TECHNICAL PROGRAMS (Clinton Technical School)**

The following courses are offered at the Clinton Technical School. They are for juniors and seniors only upon approval of an application submitted to the counselor. These courses also offer an embedded English IV credit, in which the student will earn .5 English credits for each year they attend CTS. For more information, see the high school counselor.

**Auto Mechanics I & II**

3 credits each year

The Automotive Program at Clinton Technical School will provide students with basic training in the operation, diagnosis and repair of all automotive systems including engine repair, engine performance, brakes, suspension and steering, electrical systems, transmission and drive train, and air conditioning. Students will learn by studying theory of operation and by hands-on experiences in the shop, which is equipped with the most modern, state-of-the-art tools and diagnostic equipment necessary to service today's sophisticated automotive systems.

**Building Trades I & II**

3 credits each year

The Building Trades program is designed for students who want to work in the construction field. Students must be a junior or senior to enroll in this program. A good understanding of mathematical skills will be helpful. Students receive training in rough framing, roofing, finishing work, drywall applications, concrete finishing, painting, plumbing, and the operation of a skid steer loader. Students will be involved in the actual construction of a residential home.

**Welding I & II**

3 credits each year

Students will have the opportunity to learn and use Arc Welding, Gas Welding, TIG and MIG Welding. The class will include instructional welding and small and large project construction. Students will have the opportunity to join SkillsUSA.

**Machine Tool Technology I & II**

3 credits each year

In Precision Machine Tool Technology students will learn a practical skill in a hands on environment. Integrating science, math, and technology to operate various machines, students can master the ability to make literally, ANYTHING! Students will learn to operate the lathe, which works on the principle of a piece of work rotating into a cutter, for shaping round stock. The mill works on the principle of a multi-toothed cutter rotating into a piece of work, and students will learn how to operate it to make flat surfaces. The Computer Numerical Controlled (CNC) lathe, involves students inputting a program in a special language, a G-Code, into a computer which in turn will “tell” the machine how to make specific projects. In addition, students will be introduced to the world of Automated Manufacturing., the branch of technology that deals with the design of a part using Solid works, and Computer Aided Drafting, and Feature Cam, a computer aided manufacturing program, as they machine their projects in class using a Computer numerical Controlled (CNC) Mill.

**Computer Networking I & II**

3 credits each year

Students will design and build computer systems, install and upgrade hardware and software and have the capabilities to do networking and troubleshooting of computer systems. Some of the skills attained will include: assemble and configure a microcomputer, design industry-standard computer systems, remove and install common field replaceable credits, identify the major operating systems, their purpose, location, and available switches, install and configure Cisco switches and routers in multiprotocol internet works using LAN and WAN interfaces, planning, designing, installation, operation and troubleshooting of Ethernet, TCP/IP Networks. Upon completion of the course, students will able to take the PC Pro certification exam.

**Health Sciences I & II**

3 credits each year

Health Sciences is a program utilizing knowledge, skill, and professional attitudes to explore the wide range of careers available in health services. It also provides the student with the opportunity to develop the skills and attitudes necessary to become a Health Care Professional. Prospective students should have high reading/comprehension ability, math skills, and the strong desire to help others. Knowledge of science, biology, and psychology are helpful. Students should be neat and clean, relate well to others, use good grammar, and be able to listen attentively, take notes, and follow directions accurately.

**EMT I & II**

3 credits each year

Articulated Credit Available: Emergency Medical Technicians provide out-of-hospital emergency medical care and transportation for critical and emergent patients who access the emergency medical services (EMS) system. EMTs have the basic knowledge and skills necessary to stabilize and safely transport patients ranging from non-emergency and routine medical transports to life-threatening emergencies. Emergency Medical Technicians function as part of a comprehensive EMS response system, under medical oversight. Emergency Medical Technicians are a critical link between the scene of an emergency and the health care system. The EMT Program is divided into cognitive (knowledge), psychomotor (hands-on skills), and clinical experiences. Each spring, students, if eligible, are able to take the psychomotor exam and the NREMT exam to earn their EMT certification. Credit for the EMT Program can be articulated to several community colleges as well as fulfills the requirements to start Paramedic school. Background screening is required for the EMT program. Students will have the opportunity to join SkillsUSA.

**Embedded English** $\frac{1}{2}$  credit each year

This course is offered through Clinton Technical School in conjunction with the above-mentioned programs. It allows students to earn a maximum of 1 English credit while attending a two-year vocational program. Students earn  $\frac{1}{4}$  credit per semester of attendance.

**Employability**

3 credits

This course is offered through Clinton Technical School. It allows IEP students to earn a maximum of 1 English Credit, 1 Math Credit, and 1 Elective Credit while participating in a hands-on vocational program.

**SPECIAL SERVICES****Learning Resource Reading** $\frac{1}{2}$  credit

Students in this course will be able to apply reading strategies within a nonfiction and fiction text building from what skills the students are currently able to perform. The areas of reading comprehension, vocabulary knowledge, and reading fluency will be addressed through the classroom assignments and assessments that are on the student's current level of reading while providing rigor with printed material. The students in this course will work towards their individual reading goals in order to improve their overall reading ability.

**Learning Resource Writing Composition** $\frac{1}{2}$  credit

Students in this course will be able to effectively communicate in written form by following the writing process. This course is designed to build upon the writing skills that the student already possesses. Students will have the opportunity in a safe environment to learn public speaking

techniques regarding their writing. Students will work towards individual goals in areas that are a weakness for them. The course content will be in accordance to the student's current written language skill set. Classroom assignments and assessment will be adjusted to the child's writing ability. Areas that will be addressed in this course include grammar, sentence structure, and paragraph structure.

**Learning Resource Social Studies/Government**

1 credit

This course is taught with a small group, individualized approach, to ensure students learn the principles, philosophies, practices and institutions that comprise the Credited States system of government and law. Contemporary issues will frame conversations about the Constitution, the courts, legislative, judicial, executive branches, and liberties granted to the people. Emphasis is also given to the dynamics of political decision-making and the degree to which citizens participate in political processes. All content will be taught using differentiated styles to encompass accommodations offered to the students through individual IEP plans. (This course is 2 semesters worth 1 credit and cannot be repeated for credit).

**Life Skills**

1 credit

Students will learn basic life skills such as cooking, cleaning, shopping, maintaining a budget, hygiene, simple tools, and exercise. Students will also learn many aspects of being a good person and will learn about respect, character, values, morals, being kind, manners etc. Students will also learn basic communication skills which include introducing their self, talking on the phone, and self-advocating for their needs and wants. Course can be repeated for credit.

**Study Skills**

1 credit

This course is designed to support student's study skills in the regular classroom. Course can be repeated for credit.

**Junior High School Course Descriptions****English 7**

Students in this course will learn to read, write, speak, listen, take notes, infer, analyze, interpret, draw conclusions, formally present information to their peers, and appreciate varied creative literacy forms including newspapers and magazines. They will learn to compare, contrast, relate, predict, recommend, and state opinions in both written and spoken forms. In addition, they will be able to write friendly and formal letters, book reports, journals, and summaries. Students will also evaluate peer presentations and incorporate technology for research and completion of projects.

**English 8**

Students in this course will read, write, speak, listen, take notes, analyze, interpret, draw conclusions, and appreciate varied creative literacy forms and popular media messages including newspapers and magazines. They will compare, contrast, relate, predict, recommend, and state opinions in both written and spoken forms. In addition, students will write formal and friendly letters, essays, book reports, summaries, journals, and a research paper using MLA style. They will also incorporate technology for completion of other projects.

**Math 7**

Students will be able to use a variety of strategies in the problem-solving process. Students will read, interpret, construct, and solve problems using graphs, charts, and tables. Students will solve problems using ratios, proportions, averages, and percentages.

**Math 8**

Students will be able to use a variety of strategies in the problem-solving process. They will be able to read, interpret, construct, and solve problems using graphs, charts, and tables. Students will solve problems using ratios, proportions, averages, and percentages.

**Advanced Math 7**

The students will be able to evaluate formulas, operate with rational numbers and translate life problems into algebraic expressions and equations. They will apply math to life by developing abilities in higher thinking, communications, and goal setting. A placement test will be given at the end of the students' sixth grade year.

**Algebra I (8)**

The students will be able to evaluate formulas, operate with rational numbers and translate life problems into algebraic expressions and equations. They will apply math to life by developing abilities in higher thinking, communications, and goal setting. ***This is for high school credit.***

**Social Studies 7**

Seventh grade social studies will focus on two disciplines: Civics and World Geography. Students will gain valuable insight into their role as a citizen and the basic foundation of the social contract theory in which our nation is based. The student will also possess a mental map of the physical characteristics of the world and understand how geography has shaped and changed cultures throughout history. They will understand how various cultures have shaped and changed our world's geography. The instructor will use a wide variety of instructional strategies which will allow for all student aptitudes and learning styles to be successful in the classroom setting.



**Social Studies 8**

The eighth grade social studies student will learn and understand key influences that shaped our nation and possess a chronological perspective of early Credited States history. The course will begin with the Bering Land Bridge 20,000 years ago through the completion of the American Civil War. Students will possess a visual sense of early U.S. history and view it from various perspectives. The instructor will use a wide variety of instructional strategies which will allow for all student aptitudes and learning styles to be successful in the classroom setting.

**Life Science 7**

Each student will learn about our solar system and the effect it has on the earth in relation to oceanography and weather patterns and how this affects our lives on the planet Earth. They will also learn and understand the physical properties of their environment including: forms of heat, electricity, magnetism, and the physical laws of force, motion and work.

**Earth Science 8**

Each student will learn and understand the physical, chemical properties, and changes of the matter. They will be able to determine why the Earth has changed internally and externally over millions of years due to the extreme forces of weathering, erosion, and plate tectonics. They will also learn the characteristics of all living organisms from the cell, to the systems of the human anatomy, and explain how the existence of each plays a vital role in the survival of others in their surrounding environment.

**JH Art**

semester course

The student will understand and appreciate the cultural and historical context of art by gaining an understanding of the elements of design in nature and human-made forms. They will be able to create artwork which is unique and explain it using the elements of design.

**JH Family and Consumer Sciences (FACS)**

semester course

Students are given the opportunity to explore Family and Consumer Sciences subject matter areas. Instruction includes the areas of nutrition and wellness, clothing and textiles, and resource management. The importance of proper nutrition is emphasized, along with learning basic cooking skills. Wardrobe planning and clothing care are a major emphasis in the clothing and textiles credit. The student will learn to operate a sewing machine and construct a simple project. Time and money management are covered in the resource management credit. Concepts in the areas of housing, childcare, and personal development are incorporated in the three main credits of instruction.

**JH Music**

semester course

Students will possess an awareness of music from different periods and cultures. They will learn to be able to listen actively to music, be a positive member of a concert audience, and how to be an informed consumer of music and musical equipment.

**JH Chorus**

semester or year course

This performance course will require students to learn and perform a variety of musical selections for a variety of reasons. These performances may occur outside of the regular school year. These performances will be a large portion of the student's grade for the course.

**JH Band**

The student will be able to demonstrate proper instrumental techniques, possess written and performing knowledge, perform literature from various periods and cultures, and meet performance expectations.

**JH Physical Education/Health**

Students will be able to demonstrate knowledge and skills which better enable participation in groups and team sports. They will be able to assess physical fitness and participate in activities that improve physical fitness, wellness and cardiovascular capacity.

**JH Greyhound Time**

Greyhound time is a 20-30 minute session daily. This session is used for advisory programs, assemblies, meetings, office referrals, and individual or small-group instruction. All certified staff will be assigned an intervention group during greyhound time. All students will participate in greyhound time if they are on a full-day schedule. Students will not receive a grade for greyhound time.

**JH Inventions**

semester courses

Students apply the engineering design process to plan, build, and communicate inventions or innovations that address contemporary technological problems facing them, their community, and the world. This hands-on course enables students to apply creativity and innovation, emphasizing teamwork and the safe use of technological and engineering tools and equipment. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills. High-quality work-based learning (HQWBL) will provide experiential learning opportunities related to students' career goals and/or interests, integrated with instruction, and performed in partnership with local businesses and organizations.

**JH Keyboarding**

semester courses

This course is designed to teach students to (1) demonstrate proper keyboarding technique; (2) identify and understand the purpose of the various parts of the computer; (3) learn the keyboard and type by the touch method on the alphanumeric keypad; (4) proofread typewritten copy for accuracy; and (5) develop accuracy and speed. Students will also produce personal and business letters, memos, reports, electronic presentations, and other correspondence. JH Keyboarding II is an extension of JH Keyboarding I.

**JH Multimedia**

semester courses

Students will be exposed to computer equipment like microphones and cameras while gaining experience with some of the following computer applications: Photoshop, Illustrator, Premiere, and PowerPoint.

**JH Computer Science**

semester courses

Introduces first-year students to basic programming. Focusing on creativity, problem-solving, and project-based learning, the course encourages students to explore key computing concepts while developing their own ideas and interest in computer science.

**JH Learning Resources Science**

Students will study three different subjects of science that include Life Science, Earth Science, and Physical Science. For Life Science students will learn the life cycles of plants and animals. Students will learn how to classify animals and recognize the parts of a plant. Students will learn about heredity and growth, and adaptations and behavior within their environments. Students will understand the importance that animals and plants have on each other. For Earth Science, students will learn about the surface of the Earth. Students will learn how the earth's surface changes. Students will learn what natural resources our Earth provides and how the resources are used in society. Students will learn about the different kinds of weather, along with the different seasons. Students will also learn about the water cycle. For Physical Science, students will learn about matter, how to measure matter, and the different changes in matter. Students will learn about movement, location and forces. Students will learn about magnets. Students will also learn about heat, sound, and light energy and how people use this energy. Course may be repeated for credit.

**JH Learning Resources Social Studies**

Students will learn the fundamental basis for cultures throughout the world, the five themes of geography, physical and human geography, as well as their role in American Citizenship. Students will learn the fundamental basis for events that forged and shaped our nation as we know it today. Course may be repeated for credit.

### **JH Learning Resources English**

Students in this course will learn to read, write, speak, listen, take notes, and formally present information to their peers, and appreciate fiction and nonfiction text. They will learn to compare, contrast, predict, and state opinions in both written and spoken forms. In addition, they will be able to write friendly and formal letters, book reports, journals, and summaries. Students will analyze, interpret, draw conclusions, make inferences, and question literary elements including characters, setting, plot, conflict and theme. Classroom assignments and curriculum based assessments are in accordance to the child's ability level.

### **JH Learning Resources Math**

Students will be able to determine, solve, and evaluate algebraic equations. An understanding of the basic terms and symbols of geometry, area, perimeter, and volume will be accomplished by the geometry student. They will be able to use concepts of congruence and similarity to compare lengths, areas, and volumes and understand angle, line, and circle relationships. Classroom assignments and curriculum based assessments are in accordance to child's ability level.

### **JH Student Life Skills**

Students will learn basic life skills such as cooking, cleaning, shopping, maintaining a budget, hygiene, simple tools, and exercise. Students will also learn many aspects of being a good person and will learn about respect, character, values, morals, being kind, manners etc. Students will learn basic communication skills which include introducing their self, talking on the phone, and self-advocating for their needs and wants. Course may be repeated for credit.