

# SAXONY LUTHERAN HIGH SCHOOL

## ACADEMIC HANDBOOK & COURSE CATALOG



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*“With God are wisdom and might; He has counsel and understanding.” Job 12:13*

## Introduction

One of the most common characteristics of successful people is their ability to see the future, their goals and dreams, and to figure out the steps to get them there. That is the nature of this booklet: to help you plan your steps for your future, to get you to where you want to go.

Included in this course catalog are graduation requirements. However, please know that most of the time, college entrance requirements are not the same as high school graduation requirements. You are encouraged you to work with the School Counselor to set up a program that will benefit you, in the short term and in the long term. As you build your schedule, keep the following in mind:

1. *What do I plan to do after high school?*
2. *What schools offer training or programs in my area of interest?*
3. *What are the general entrance requirements for these programs or schools?*

Saxony Lutheran High School provides Christian training in basic skills and allows for opportunities to accommodate as many students as possible according to the gifts they have been given. This may include dual enrollment classes through a local university or inclusion in the career technical center program. Whatever your goals, discuss them with parents, teachers and others!

Enjoy the process and God's blessings to you on your upcoming school year!

## Graduation Requirements

The requirements listed below are solely for graduation from Saxony Lutheran High School. Some colleges or universities may require additional course work for admittance. Each student should check with college admissions offices to verify their current standards.

### Academic Graduation Requirements

English	4 credits	Science	3 credits	Physical Education	1 credit
Practical Arts	1 credit	Social Studies	3 credits	Health	.5 credit
Math	3 credits	Fine Arts	1 credit	Electives	6.5 credits
				<b>Total</b>	<b>23 credits</b>

Each student is also required to be enrolled in a religion class every day while a student at Saxony. In some areas, specific courses are required for graduation. See course listings for details.

### Additional Graduation Requirements

In addition to the course credit requirements, Saxony students must complete the following to earn a diploma.

- *Service Hours* Each student is required to perform sixty clock hours of volunteer service during their four years at Saxony (prorated for transfer students). Please refer to the Theology section of this handbook for specific guidelines about this requirement.
- *CPR Training* Students must receive at least 30 minutes of CPR training and training in the Heimlich maneuver. At Saxony, this is normally included in the Health course. Students who receive Health credit from another school must provide proof of training to the office.
- *United States & Missouri Constitution, and American Civics (Citizenship) Exams* The exams are normally administered as part of the Government course. Students must pass the exams as well as pass the course. Students who take Government from another school must still provide proof of passing the exams or may take the exams at Saxony.
- *Financial Responsibilities* Before students may graduate from Saxony, all financial obligations must be fulfilled. Consult with the Financial Secretary for details.

## **Academic Information**

### **Academic Planning**

Increasing college requirements make it imperative that students give very close attention to their high school course selections. Meeting just the basic high school graduation requirements does not necessarily ensure that a student will be accepted into every college or career program. You should check with the counselor and the colleges to be certain that you are adequately prepared.

The school counselor provides information and guidance through newsletters, emails, parent programs and individual meetings. Ultimately, however, the responsibility for meeting all credit requirements belongs to the student. The counselor will help wherever possible, but you must know where you stand at all times.

### **Academic Testing**

Saxony students can participate in standardized testing throughout the year, including the PreACT (freshmen and sophomores), the PSAT (sophomores and juniors), the ACT (sophomores, juniors, and seniors) and the ASVAB (juniors and seniors-when available). Results are used in academic and career planning.

### **Special Learning Needs**

Saxony Lutheran High School seeks to provide opportunities for success to all its students. There are situations in which students need supports not typically offered to Saxony students. These may be health or academic needs and may be long- or short-term situations.

Families are expected to share long-term or past needs and accommodations with the Saxony administration during the enrollment process. This allows us to communicate and develop plans before the start of the school year. Waiting until problems arise to share information will only harm the student and may limit what we are able to provide.

Many health needs can be accommodated. In short-term cases (concussion, for example) contact the school office as soon as possible and provide physician confirmation. Medications can be administered during the school day and must be kept in the school office.

While we are not required to provide services for exceptional academic learning needs, there are *limited* accommodations we do offer. We cannot, however, provide identical services to those that might be available in a public-school setting. These services can sometimes be arranged through the Jackson R-2 school district; consult with the counselor for more information.

To be consistent and fair to all Saxony students, long-term accommodations must be supported by an IEP, ISP or other professional diagnosis and plan. The counselor can facilitate this process on family request.

Accommodations granted at Saxony may or may not be approved for national standardized tests such as the ACT. The process for approval of accommodations for these tests can take up to six weeks; plan ahead and contact the counselor early with such requests.

### **Course Selection & Schedule Changes**

Each year, the Counselor meets with students individually and in classroom settings to assist with planning courses for the remaining years of high school. Course selection generally begins in February for the following school year and continues throughout the second semester. Students and families are encouraged to carefully select courses each year. Final course selections are mailed home with the second semester report card, and families may request changes for ten days after these are mailed.

It is very important that students and families take the course selection process seriously. The school schedule is built based on student requests, and students who change their minds after the schedule is built may be disappointed in the alternatives available.

Course changes after the start of the semester are strongly discouraged. Requests for changes after the fifth day of class are unlikely to be granted. Please plan and choose carefully.

### **College Athletic Eligibility**

Students who may be interested in participating in college-level athletics (for example, NCAA or NAIA) after high school should be aware of the academic requirements for playing at different levels. Students should consult the counselor by the end of sophomore year to develop a course plan to meet their goals.

### **Missouri A+ Scholarship**

Saxony Lutheran High School is a designated A+ school. Saxony students who meet certain criteria may be eligible for scholarship aid for certain Missouri schools. A+ information is shared several times throughout the school year. Students interested in the A+ program can begin meeting requirements as soon as freshman year and should start no later than junior year.

### **Transfer Credits**

Transfer credits from other schools will be placed on the Saxony Lutheran transcript using the grades earned to calculate GPA. If you have questions about how a course will be recorded, please speak with the School Counselor.

In some cases, and by parent request, freshmen who begin at Saxony in Geometry or Spanish 2 may have course grades for Algebra 1 or Spanish 1, respectively, included on the transcript. These grades will not be included in the GPA, nor can the credits be used to satisfy graduation requirements.

### **Final Exams**

Final exams shall be given in each class at the end of each semester. These finals will carry a weight of fifteen percent of the final semester grade in each class. Seniors who maintain an average of B or higher in any class second semester are exempt from taking that final. This exemption must be approved by the teacher, who has the final decision. This exemption is only for seniors during their second semester finals.

### **Incompletes**

In rare cases, usually involving a medical situation, a student may not be able to complete course requirements by the end of the semester. Students must speak with the counselor about receiving a grade of Incomplete for one or more courses. Upon administrative approval, the student, counselor, and teacher(s) will create a plan for completing work and receiving course credit, typically within three weeks of the end of the semester. Making up the work will be the student's responsibility, however.

### **Extracurricular Eligibility**

To be eligible to compete in athletic or other extracurricular activities, a student must have achieved a grade point average of at least 2.0 the previous semester. Refer to the Student Handbook for more information on eligibility, including Academic Probation.

### **Report Cards**

Mid-semester reports are emailed to each student and family in October and March. Report cards are also emailed to each family at the end of each semester and are mailed at the end of the school year. Report cards may be mailed at the end of first semester on request. Students and parents are encouraged to use PlusPortals regularly to monitor academic progress, and to contact teachers immediately with matters of concern.

### **Grading Scale / Grade Points**

96-100%	A	4.00	83-85%	B-	2.67	71-73%	D+	1.33
92-95%	A-	3.67	80-82%	C+	2.33	68-70%	D	1.00
89-91%	B+	3.33	77-79%	C	2.00	65-67%	D-	0.67
86-88%	B	3.00	74-76%	C-	1.67	0-64%	F	0.00

### **Grade Point Average**

A student's grade point average (GPA) is determined by adding all earned letter grade point values for semester grades and dividing this total by the number of credit units attempted. Normally, grade point average is computed to the nearest one-hundredth of a point. The GPA is updated twice a year (at the end of each semester) and is included on semester report cards and transcripts.

### **Honor Roll**

The Honor Roll is based on semester grades and is published at the end of each semester.

Honor Roll with High Distinction	GPA of 4.00
Honor Roll with Distinction	GPA of 3.75 to 3.99
Honor Roll	GPA of 3.50 to 3.74

### **Ranking of Students**

It is the policy of Saxony not to rank students by GPA or any other method. This policy is clearly stated in the school profile which is included with every transcript sent. A table of GPAs by group is also included on the profile.

### **Graduation Honors**

Saxony does not recognize valedictorians or salutatorians. Seniors may be recognized at graduation based on their final high school GPA. Honor cords are presented to students who meet the following criteria.

Summa Cum Laude	GPA 3.75 – 4.00
Magna Cum Laude	GPA 3.50 – 3.74
Cum Laude	GPA 3.25 – 3.49

In addition, students with a final GPA of 3.00 to 3.24 will be recognized as honor graduates.

### **Early College Credit**

Saxony students may earn college credit in high school through dual credit and dual enrollment programs. Information about these will be shared in newsletters, emails, and presentations. Dual credit and dual enrollment courses are taught at the college level and require college-level work from students. Students are responsible for determining which courses to take for dual credit and how credits may transfer to universities.

Students may take a course offered for dual credit without earning university credit. The course will be the same in all aspects as that taken by students earning college credit.

### **Saxony Online Courses**

Certain courses will be offered each semester as Saxony Online courses. These include the same curriculum as the classroom course but are taught outside of the regular school day in an online format. These are intended for students who would like to earn more than seven credits in a school year. Students must be highly responsible and organized to be successful in an online class. Freshmen will not be allowed to take an online course in the first semester, so that they can be accustomed to the demands of high school academics and activities before adding something extra. Courses must have a minimum number of students enrolled to be offered.

At this time, courses offered online include Health and Personal Finance. Please see course descriptions for details.

Students may also take online courses through other providers as approved by the School Counselor. (See sections on Extended Course Offerings and Helpful Links.)

### **Extended Course Offerings**

In some cases, students may wish to earn credits outside the regular school day or earn credits in classes not offered at Saxony. Distance learning courses are available in various subject areas and from a variety of providers. (See Helpful Links.) Courses may be used to fulfill graduation requirements, to earn Dual Credit, or to cover topics of interest to the student. Juniors and seniors may choose to use one period a day to complete such courses, and any student may use time outside the regular school day or in the summer to earn these credits. Summer credits can be earned through various in-person and online summer schools.

Students must receive approval from the Counselor before enrolling in such classes. Classes will be included on the Saxony transcript and will be included in GPA calculations.

### **Summer School**

Saxony, as well as other area high schools, offers students the opportunity to earn credits through a summer school program. Saxony Summer School information will be shared with families early in the second semester. Students planning to enroll in summer courses at schools other than Saxony must have prior course approval from the school counselor to receive Saxony credit. Contact individual schools early in the spring for information on their course offerings and enrollment procedures.

### **Academic Period**

Seniors who will be taking a more rigorous than usual set of classes may apply to have an Academic Period in place of a seventh course for either or both semesters. This Academic Period is to be used to maintain high academic standards and is not to be considered a “free” period. Students must apply for this privilege during the spring of junior year. Successful applicants will have demonstrated excellence in attendance, discipline, and work habits during their first three years of high school. Overall course selection will be taken into consideration.

### **Embedded Credits**

Some courses (including Agriculture Science and Career and Technology Center courses) include opportunities for students to earn embedded credit in areas such as mathematics, language arts and science. Embedded credits may require students to complete assignments beyond those regularly required for the course, and students are asked to commit to earning this credit at the start of the semester. Embedded credits can be used to meet graduation requirements but may not be acknowledged by universities as satisfying admission requirements. Embedded courses are recorded on the transcript with pass / fail status and grades are not used in GPA calculation.

### **Course Prerequisites / Co-Requisites**

Many of the course descriptions that follow include prerequisites. Students may request an exemption from the prerequisite by speaking to the school counselor and the course instructor.

Some courses also list a recommended prerequisite. Students are encouraged to consider these carefully in making their course selections. While not meeting the recommendation is not a barrier to taking the course, students should be prepared for extra time and effort required to complete the class successfully.

Occasionally, a course will include a co-requisite. This means that if the prerequisite was not taken before the desired course, the two courses can be taken concurrently (at the same time).

### **Repeating Courses for Credit**

In most cases, once credit has been earned for a course, a student may not take the course again. Exceptions are made in the case of performance courses including Band or the Choirs, and in certain academic courses in which the content changes, such as Current Events. Approval for repeating these courses will be granted on a case-by-case basis. For these classes, all grades will be on the transcript, and all will be used in GPA calculation.

If a student fails an academic course, there are several options for making up the credit. Consult the Counselor for more information.

If a student takes a dual credit course but does not earn the college credit, she or he may repeat the course to earn the college credit. Counselor and teacher approval are required. In this case, both grades will be recorded on the transcript, but only the first grade earned will be used for GPA calculation.

There may be other situations in which it is in a student's best interest to repeat a course after earning credit for it. These cases require approval from the counselor or principal.

Each course can only be used once in meeting graduation requirements. American History, for example, can only satisfy one of the three required Social Studies credits, even if it is taken more than once.

## **HELPFUL WEBSITES**

These links were accurate at the time of publication.

[A+ Scholarship Information](#)

[ACT Registration](#)

[SEMO Dual Credit](#)

College Athletics Eligibility

[NCAA Initial Eligibility](#)

[NAIA Eligibility](#)

Area Career and Technology Centers (CTC)

[Cape Girardeau CTC](#)

[Perryville Area CTC](#)

Online Course Providers (others may be considered; counselor approval required before enrollment)

From Springfield Public Schools (might be tuition-free; counselor must register) [Launch](#)

From Mizzou [Mizzou Academy](#)

From a Lutheran High School in Minnesota [Genesis Virtual Academy](#)

## SUMMARY OF DUAL CREDIT COURSES

Saxony Subject Area	Saxony Course Title / SEMO Course Title	SEMO Course Number	Credits
Language Arts	College Writing / <i>English Composition</i>	EN100	3
Language Arts	Rhetoric / <i>Rhetoric and Critical Thinking</i>	EN140	3
Mathematics	Mathematical Modeling / <i>Math Reasoning and Modeling</i>	MA123	3
Mathematics	Statistics / <i>Statistical Reasoning</i>	MA155	3
Mathematics	PreCalculus A & B / <i>PreCalculus A &amp; B</i>	MA116 MA117	3 each
Mathematics	Calculus / <i>Analytic Geometry and Calculus I</i>	MA140	5
Practical Arts	Microsoft Office A & B / <i>Introduction to Computer Applications</i>	MI101	3
Practical Arts	Agronomy / <i>Plant Science</i>	AO120/125	4
Practical Arts	Animal Husbandry / <i>Animal Science</i>	AY101	3
Practical Arts	Teaching as a Profession / <i>Intro to Teaching as a Profession</i>	ED280	3
Science	Chemistry / <i>Introductory Chemistry (through Mineral Area College)</i>	PHS 1250/7901	5
Science	Advanced Chemistry / <i>Chemistry</i>	CH181/081/001	5
Social Studies	Psychology / <i>Introduction to Psychology</i>	PY101	3
Social Studies	Sociology / <i>Society, Culture, and Social Behavior</i>	SO102	3
Social Studies	Early American History / <i>American History I</i>	US105	3

Students are also able to take online dual credit courses. Courses offered vary each semester, check with the counselor for details.

## MODEL COURSE PROGRAMS

The following are included to give students an idea of what courses will be taken each year. Please schedule an appointment with the Counselor for individual student planning.

Saxony students are expected to take seven courses each semester.

Classes marked with a \* are required of students in that grade. Exceptions may be made for transfer students in special circumstances.

### Freshman Year

Theology\*  
 Language Arts 1\*  
 American History\*  
 Physical Science\*  
 Math\*  
 2 Additional (Foreign Language, Fine Arts, Health & PE, Practical Arts)

### Sophomore Year

Theology\*  
 Language Arts 2\*  
 Geography\*  
 Biology\*  
 Math\*  
 2 Additional (Foreign Language, Fine Arts, Health & PE, Practical Arts)

### Junior Year

Theology\*  
 Language Arts 3\*  
 Math\*  
 4 Additional (Social Studies, Language Arts, Foreign Language, Fine Arts, Health & PE, Practical Arts, Science)

### Senior Year

Theology\*  
 Writing\*  
 5½ Additional (Math, Science, Social Studies, Language Arts, Foreign Language, Fine Arts, Health & PE, Practical Arts)

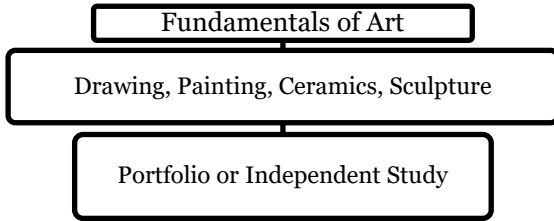
See the Forms section for resources to use when planning course programs.

## COURSE OFFERING SUMMARY

See descriptions beginning on page 10 for details.

### FINE ARTS

**Graduation Requirements:** 1 credit visual or musical arts



*Courses Offered*

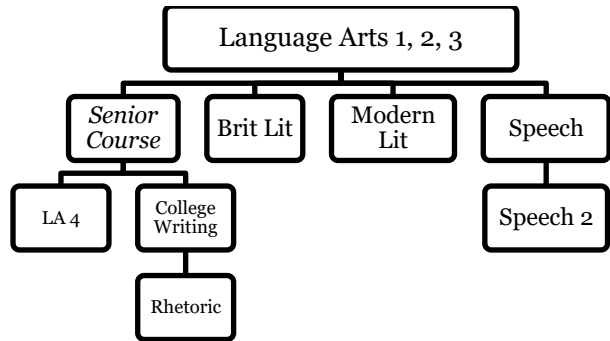
- |                           |               |
|---------------------------|---------------|
| Fundamentals of Art       | Concert Choir |
| Drawing                   | Chamber Choir |
| Painting                  | Band          |
| Ceramics                  |               |
| Sculpture                 |               |
| Advanced Art Courses      |               |
| Independent Study         |               |
| Advanced Studio Portfolio |               |

### LANGUAGE ARTS

**Graduation Requirements:** 4 credits, including Language Arts 1 -3, one Senior Course, and one additional semester course

**Dual Credit Courses**

- College Writing – EN100, 3 credits
- Rhetoric – EN140, 3 credits



*Courses Offered*

- |                    |                 |
|--------------------|-----------------|
| Language Arts 1    | Speech          |
| Language Arts 2    | Language Arts 4 |
| Language Arts 3    | College Writing |
| British Literature | Rhetoric        |
| Modern Literature  |                 |

### FOREIGN LANGUAGE

**Graduation Requirements:** None; two years required for entrance to some universities.

*Courses Offered*

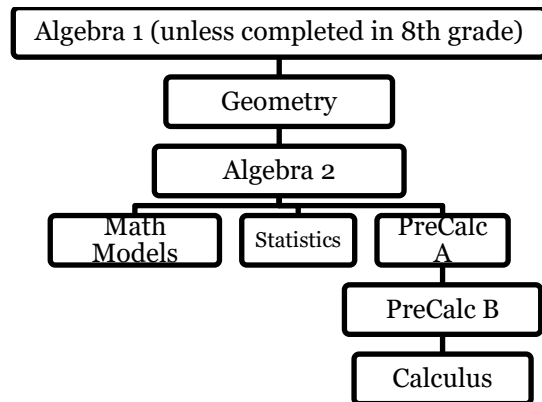
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|-----------|----------|
| Spanish 1 | German 1 |
| Spanish 2 | German 2 |
| Spanish 3 | German 3 |
| Spanish 4 |          |

### MATHEMATICS

**Graduation Requirements:** 3 credits

**Dual Credit Courses**

- Math Models – MA123, 3 credits
- Statistics – MA155, 3 credits
- PreCalc A / B – MA 116. 117, 3 credits each
- Calculus – MA140, 5 credits



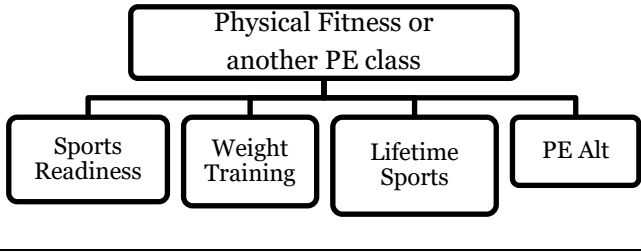


*Courses Offered*

Algebra 1	Statistics
Geometry	PreCalculus A
Algebra 2	PreCalculus B
Math Models	Calculus

**PHYSICAL EDUCATION/HEALTH**

**Graduation Requirements:** 1 credit PE, .5 credit Health



*Courses Offered*

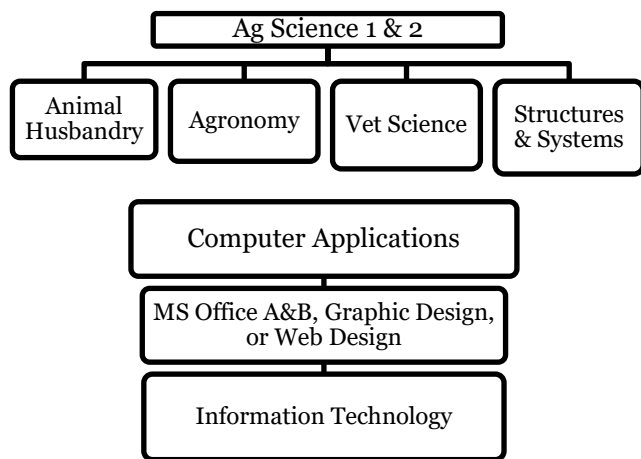
Health	Sports Readiness
Physical Fitness	Lifetime Sports
Weight Training	Lifetime Sports 2

**PRACTICAL ARTS**

**Graduation Requirements:** .5 credit Personal Finance, .5 additional credit

**Dual Credit Courses:**

Plant Science: AO120/125, 4 credits  
 Animal Science: AY101, 3 credits  
 Microsoft Office A and B: MI101, 3 credits



*Courses Offered*

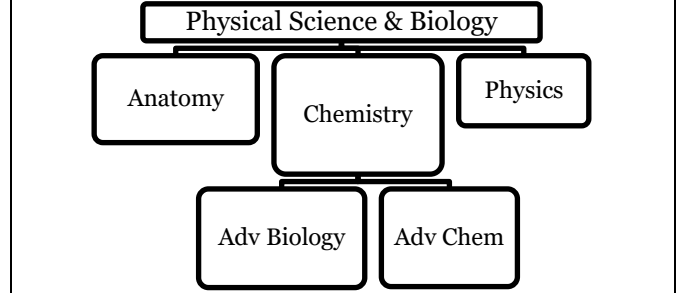
Agriculture Science 1	Microsoft Office A & B
Agriculture Science 2	Web Design
Intro to Vet Science	Graphic Design
Ag Structures/Systems	Information Technology
Animal Husbandry	Personal Finance
Agronomy	Newspaper
Business Foundations	Yearbook
Intro to Accounting	Videography
Computer Applications	Career Education

**SCIENCE**

**Graduation Requirements:** 3 credits

**Dual Credit Courses**

Chemistry – PHS 1250 /7901 (MAC), 5 credits



*Courses Offered*

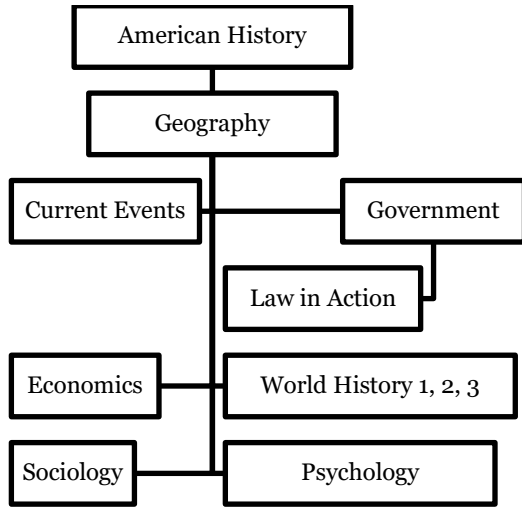
Physical Science	Physics
Biology	Advanced Biology
Anatomy	Advanced Chemistry
Chemistry	

## SOCIAL STUDIES

**Graduation Requirements:** 3 credits, including American History (1) and Government (.5)

**Dual Credit Courses**

Psychology – PY101, 3 credits  
 Sociology – SO102, 3 credits  
 Early American History – US105, 3 credits



*Courses Offered*

American History  
 World Geography  
 Government  
 Law in Action  
 Current Events  
 Psychology  
 Sociology  
 World History 1  
 World History 2  
 World History 3  
 Economics  
 Early American History

## THEOLOGY

**Graduation Requirements:** 1 course every semester at Saxony; plus Service Hours

*Courses Offered*

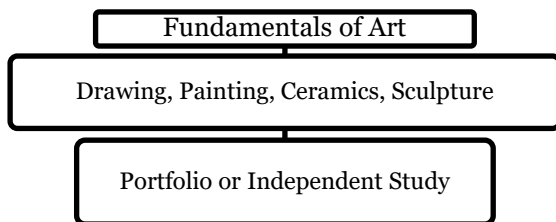
Old Testament  
 New Testament  
 Our Christian Response  
 Our Christian Responsibility

## HOW TO READ COURSE DESCRIPTIONS

\* - A course specifically required for graduation.  
 (R) – A course required of all students in that grade. (Exceptions may be made for transfer students.)  
 PR: Prerequisite that must be completed to take the course  
 YR or SEM: Course length, followed by grades the course may be taken

## FINE ARTS

**Graduation Requirements:** 1 credit



### *Visual Arts*

**FUNDAMENTALS OF ART** **YR: 9-12**

Studio course for the beginning student. Introduction to basic techniques and exploration in a variety of media in drawing, painting, printmaking, pottery, and sculpture. Study of elements and principles of design and perspective. Aesthetics, evaluation, and critique of art introduced. Two field trips are required. Prerequisite for all advanced art courses. Course fee for materials.

**DRAWING** **SEM: 10-12**

**PR: Fundamentals of Art**  
**Offered in the spring of even-numbered years**

Studio course for advanced study in drawing. Emphasis on development of creativity in the basic techniques of a variety of drawing media. Introduction of abstraction, modern art techniques and figure studies. Required field trip. Weekly sketchbook assignments. Course fee for materials.

**PAINTING** **SEM: 10-12**

**PR: Fundamentals of Art**  
**Offered in the spring of odd-numbered years**

Studio course for advanced study in painting and printmaking. Emphasis on development of creativity in the basic techniques of a variety of painting media. Introduction of abstraction and modern art techniques. Required field trip. Weekly sketchbook assignments. Course fee for materials.

**CERAMICS** **SEM: 10-12**

**PR: Fundamentals of Art**  
**Offered in the fall of odd-numbered years**

Studio course. Emphasis on design, construction and glazing of hand-built pottery and sculpture. Historical study of pottery and sculpture from past to present techniques and styles. Required field trip. Course fee for materials.

**SCULPTURE**

**SEM: 10-12**

**PR: Fundamentals of Art**

**Offered in the fall of even-numbered years**

Studio course. Emphasis on the design, construction and finishing of sculpture created in a variety of media. Students will learn different techniques and their historical context. Required field trip. Course fee for materials.

**REPEATING ART COURSES** – *Any of the preceding four courses may be repeated during its scheduled semester with permission from the instructor. Course requirements will reflect advanced content and the course name will include “2”; for example, Ceramics 2.*

**INDEPENDENT STUDY** **SEM: 12**

**PR: 3 years of art or instructor permission**

For the advanced art student in his or her senior year. The student will select a theme and subject area to be explored in the media and style(s) that best carry out the theme. A minimum of 4 large, 8 medium, or 16 small projects will need to be created. Entrance in this class is subject to teacher approval after the presentation of prior art projects. Required field trip each semester. Course fee for materials.

**ADVANCED STUDIO PORTFOLIO** **YR: 12**

**PR: 3 years of art or instructor permission**

For the advanced art student in his or her senior year. In this business-for-the-artist bootcamp, the student will select a theme and subject area to be explored in the media and style(s) that best carry out this theme. Each student will then be responsible for (with instructor support) all aspects of presenting an off-campus solo art show at the end of each semester, including securing a location; creating publicity materials, website, and resume; and hanging and displaying artwork in a professional manner. Entrance in this class is subject to teacher approval after the presentation of prior art projects. Required field trip each semester. Course fee for materials.

## ***Musical Arts***

### **CONCERT CHOIR**

**YR: 9-12**

This class is open to any student interested in choral music, especially those with an interest in participating in Chamber Choir. The study of musical terms and theory, vocal techniques, sight singing, and performance skills will be emphasized through a variety of choral literature, most of which will be sacred in nature. Students will have the opportunity to participate in All-District Choir in the fall and All-District Contest in the spring. Required concert participation and occasional extra rehearsals will be included in the student's grade for the course.

### **CHAMBER CHOIR**

**YR: 9-12**

#### **PR: Director Approval**

This group is open to students interested in praising God through choral music. Based on audition, students who have shown the abilities and attitudes necessary to succeed in this advanced performance group will be accepted. The study of musical terms and theory, vocal techniques, sight singing, and performance skills will be emphasized through a variety of choral literature, most of which will be sacred in nature. Students will have the opportunity to participate in All-District Choir in the fall and All-District Contest in the spring. At the discretion of the administration and school choral instructor, Chamber Choir students will participate in a multi-day spring tour in odd-numbered years; in even-numbered springs, the Chamber Choir will perform at several of the local elementary schools. Required concert participation and occasional extra rehearsals will be included in the student's grade for the course.

### **BAND**

**YR: 9-12**

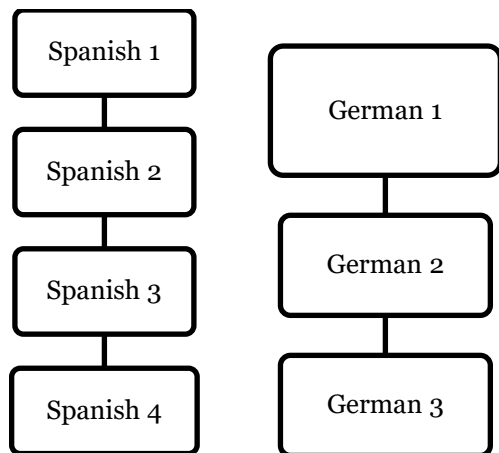
#### **PR: 2 years school band or director approval**

This class will give students the opportunity to play an instrument within a large group. Although most of the music we play is religious, there will be a few opportunities for students to be exposed to different types of musical styles, periods, and genres. At the discretion of the administration and school band instructor, Band students will participate in a multi-day spring tour in even-numbered years; in odd-numbered springs, the Band will perform at several of the local elementary schools. Students must be willing to attend extra rehearsals and concerts outside of the regular school day.



## FOREIGN LANGUAGE

**Graduation Requirements:** None; two years required for entrance to some universities



### **SPANISH 1** **YR: 9-12**

**PR: "C" avg. in L.A. class**

This class introduces students to the Spanish language and to the cultures of those who speak it. Students learn vocabulary, verb forms and language patterns through a variety of oral and written activities. Cultural appreciation, oral communication and correct grammar usage in the present tense are the emphases of the beginning level.

### **SPANISH 2** **YR: 9-12**

**PR: "C" avg. in Spanish 1.**

**Freshmen – A or B in a high-school level Spanish 1 course or a satisfactory score on placement exam.**

Spanish 2 builds on what was taught in Spanish 1. Students will add to their vocabulary and cultural knowledge and communicate increasingly in the target language using the present and regular preterite tenses. Students will grow in their ability to use Spanish by reading, writing, translating, and participating in listening and speaking activities. Spanish 2 also utilizes a mini-series. Spanish 2 should be taken the year immediately following Spanish 1, or teacher and counselor approval must be given.

***"Learning another language is not only learning different words for the same things but learning another way to think about things."***

***Flora Lewis***

### **SPANISH 3** **YR: 10-12**

**PR: "B" avg. in Spanish 2**

Spanish 3 builds upon the concepts learned in Spanish 2 with an emphasis on students communicating in Spanish. Instruction and class participation are increasingly in Spanish. Students will continue to expand their vocabulary and learn new grammatical concepts, including the use of reflexive verbs to describe daily routines and commands to give directions. Students also learn how to use the preterite and imperfect past tenses and how to distinguish between them. Reading, writing and translation skills, as well as Spanish-speaking cultures, remain integral to language learning.

### **SPANISH 4** **YR: 11,12**

**PR: "B" avg. in Spanish 3**

Spanish 4 students will increase their reading, writing, listening and especially their speaking skills in this immersive class. Reading, writing, translation, and performance activities will be used to expand students' vocabulary, to increase their cultural knowledge, and to teach additional verb tenses and grammar necessary to communicate clearly at the intermediate level.

### **GERMAN 1** **YR: 9-12**

**PR: "C" avg. in L.A. class**

This class introduces students to the German language and to the cultures of those who speak it. Students learn vocabulary, verb forms and language patterns through a variety of oral and written activities. Cultural appreciation, oral communication and correct grammar usage in the present tense are the emphases of the beginning level.

### **GERMAN 2** **YR: 9-12**

**PR: "C" avg. in German 1.**

**Freshmen – A or B in a high-school level German 1 course or a satisfactory score on placement exam.**

German 2 builds on what was taught in German 1. Students will add to their vocabulary and cultural knowledge and communicate increasingly in the target language using the present and regular preterite tenses. Students will grow in their ability to use German by reading, writing, translating, and participating in listening and speaking activities. German 2 should be taken the year immediately following German 1, or teacher and counselor approval must be given.

**GERMAN 3****YR: 10-12****PR: "B" avg. in German 2.**

German 3 builds upon the concepts learned in German 2 with an emphasis on students communicating in German. Instruction and class participation are increasingly in German. Students will continue to expand their vocabulary and learn new grammatical concepts including the use of reflexive verbs to describe daily routines and commands to give directions. Students also learn how to use the preterite and imperfect past tenses and how to distinguish between them. Reading, writing and translation skills, as well as German-speaking cultures, remain integral to language learning. Students will grow in their ability to use German by reading, writing, translating, and participating in listening and speaking activities. German 3 should be taken the year immediately following German 2, or teacher and counselor approval must be given.

**GERMAN 4****YR: 11,12****PR: "B" avg. in German 3**

German 4 students will increase their reading, writing, listening and especially their speaking skills in this immersive class. Reading, writing, translation, and performance activities will be used to expand students' vocabulary, to increase their cultural knowledge, and to teach additional verb tenses and grammar necessary to communicate clearly at the intermediate level.

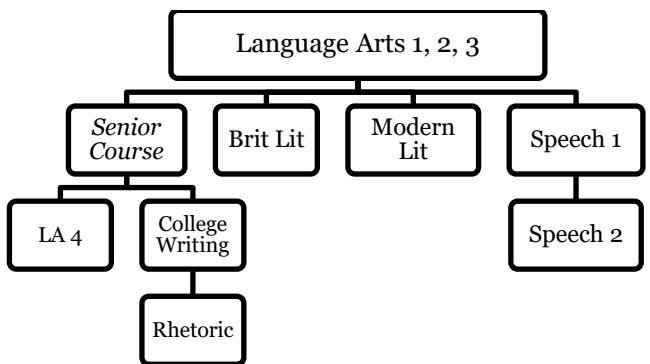
## LANGUAGE ARTS

**Graduation Requirements:** 4 credits, including Language Arts 1 -3, one Senior Course, and one additional semester course

**Dual Credit Courses**

College Writing – EN100, 3 credits

Rhetoric – EN140, 3 credits



**\*LANGUAGE ARTS 1** **YR: 9(R)**

Builds on all aspects of language skills, including literature, grammar, vocabulary development, and writing. Literature focus is short fiction and nonfiction works, Shakespeare, Homer, and poetry. Literary elements include the plot pyramid, irony, symbolism, narrator, theme, humor, foreshadowing, direct and indirect characterization, and poetic devices (sound and figurative language). Grammar skills include parts of speech, verb forms, tenses, and subject/verb agreement, prepositional phrases, capitalization, and mechanics. Writing includes personal narrative, voice and style, annotation of sources, analyzing literature and non-fiction sources, introduction to source and parenthetical citation, well-constructed paragraphs, essay answer development, revision of all writing, proofreading, and editing.

**\*LANGUAGE ARTS 2** **YR: 10(R)**

**PR: Language Arts 1**

Builds on literature, grammar, vocabulary, and writing skills from Language Arts 1. Subject matter also includes at least one novel, one research paper, one Shakespearean play, and non-fiction writing as in persuasive essays and advertising methods. Grammar will focus on usage and mechanics as well as ACT preparation.

**\*LANGUAGE ARTS 3** **YR: 11(R)**

**PR: Language Arts 2**

Survey of American Literature from 1600s to contemporary including fiction, non-fiction, and

poetry. Examines the relationship between historical events/periods and the literature of the time.

Includes at least two formal essays in MLA format, a research project, a weekly journal, reading and writing poetry, a classic American novel, and preparation for the English and Reading sections of the ACT.

**BRITISH LITERATURE** **SEM: 11,12**

**PREREQUISITE: Language Arts 2**

**Offered in the spring of even-numbered years**

This course is a survey of British Literature from the beginning to the mid-1900s. Authors studied include Chaucer, Shakespeare, Swift, and Orwell, among others. Various writing assignments, projects, vocabulary studies, and grammar review are also included.

**MODERN LITERATURE** **SEM:11,12**

**PR: Language Arts 2**

**Offered in the spring of odd-numbered years**

Students will read a variety of current literature throughout the semester. The course will include circle class discussions, journal entries, book reviews, creative projects, and opportunities for student-led classes. Possible course fee for materials and books.

**SPEECH** **SEM: 11,12**

**PR: Language Arts 2**

This course introduces students to the art of public speaking. It is designed to help students overcome their fear of public speaking and performing before groups so that they will gain confidence in themselves as communicators. Students will learn interpersonal skills, techniques for speech delivery, research techniques, composition, organization, audience analysis, basics of oral interpretation, and development of visual aids. To enhance their skills students will present a variety of speeches including impromptu, self-introduction, demonstrative, informative, persuasive (sales), group presentations and oral interpretation.

**SENIOR COURSE OPTIONS**

*Note: One of these courses is required senior year. Students may not take both courses. Placement will include LA 3 teacher recommendation.*

**LANGUAGE ARTS 4** **SEM: 12**

**PR: Language Arts 3**

This course will focus on developing and improving practical writing skills such as applications, business

letters, resumes, and responses to non-fiction articles. Students will review mechanics, usage, and grammar rules, will develop a stronger vocabulary, and will practice editing and revising.

**COLLEGE WRITING**

**SEM: 12**

**PR: Language Arts 3**

**REC PR: B- or above in Language Arts 3**

This course will focus on composition at the college level. Students will write 3-5 major essays and other smaller assignments and will further develop their revision skills. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as EN100 for three credits. Possible course fee for materials and books. *This course is strongly recommended for college bound students.*

**RHETORIC**

**SEM:12**

**PR: College Writing with a grade of C or above**

This course focuses on critical reading, problem solving, research, and documented writing skills. Students will write three to four major essays and complete other smaller writing assignments. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as EN140 for three credits. Possible course fee for materials and books.



***“I can shake off everything as I write; my sorrows disappear,  
my courage is reborn.”***

***Anne Frank***



## MATHEMATICS

**Graduation Requirements:** 3 credits

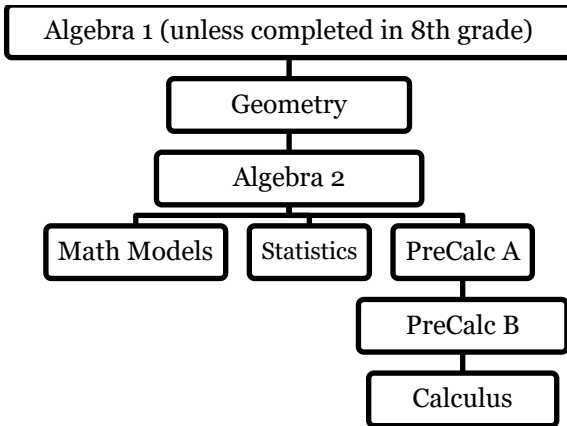
### Dual Credit Courses

Math Models – MA123, 3 credits

Statistics – MA155, 3 credits

PreCalc A / B – MA 116, 117, 3 credits each

Calculus – MA140, 5 credits



### ALGEBRA 1

**YR: 9**

Algebra 1 covers all basic concepts of a typical algebra course. Students learn to solve linear and quadratic equations and inequalities, simplify expressions, solve systems of equations and graph functions. A major emphasis of the text is placed on showing students how these and other algebra concepts are used in the “real world.” Students also receive a basic overview of right triangle trigonometry, exponential functions, and rational functions.

### GEOMETRY

**YR: 9-11**

**PR: Algebra 1**

**Freshmen: Placement based on achievement in Algebra 1**

This course very thoroughly covers the basic concepts of Euclidean geometry, exploring the principles of points, lines, planes, angles, measurement, dimension, area, and volume. Students learn to make basic constructions using the compass and straightedge, they distinguish between different types of transformations of shapes, and they learn how to perform geometric proofs. Students also learn how to apply their knowledge of geometry to real world situations. This course provides many opportunities for hands-on learning, which is advantageous for the tactile learner. This text finishes with chapters on similarity, right triangle trigonometry, and properties of circles.

### ALGEBRA 2

**YR: 10-12**

**PR: Geometry**

Algebra II is an advanced algebra course. Its focus is on functions-covering linear, quadratic, polynomial, exponential, logarithmic, rational, and periodic functions. While exploring these functions and learning to solve equations based on them, all students will be thoroughly taught how to utilize graphing technology. The graphing calculators will enhance not only the students’ basic understanding of functions but will also help to show how different functions are used in real-world applications. This course also highlights topics such as matrices, basic trigonometry, probability, conics, and sequences and series.

### MATH MODELS

**SEM: 11,12**

**PR: Algebra 2**

A diverse selection of mathematical and statistical topics, which will improve students’ logical and quantitative reasoning skills through real-life applications. This class may be taken for college credit through dual enrollment with Southeast Missouri State University for three credits. An ACT Math score of 22 or higher is required for college credit. Possible course fee for materials.

### STATISTICS

**SEM: 11,12**

**PR: Algebra 2**

Students will learn to collect, analyze, interpret, and apply statistical data in various contexts. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as MA155 for three credits. An ACT Math score of 22 or higher is required for college credit.

### PRECALCULUS A

**SEM: 11,12**

**PR: Algebra 2**

This in-depth study of functions and graphs, polynomial, rational, exponential, logarithmic and matrices is intended to prepare students for Calculus. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as MA116 for three credits. An ACT Math score of 22 or higher is required for college credit.

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

**PRECALCULUS B**  
**PR: PreCalculus A**

**SEM: 11, 12**

Students continue preparation for Calculus through study of trigonometric functions, identities, graphs and equations, and vectors, polar coordinates, and conics. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as MA117 for three credits. An ACT Math score of 22 or higher is required for college credit.

**CALCULUS**  
**PR: PreCalculus B**

**YR: 12**

This course will introduce students to the basic concepts of Calculus used in many disciplines. The first semester will cover limits, continuity, derivatives, and applications of derivatives. Second semester topics will include integration and the Fundamental Theorem of Calculus and applications. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as MA140 for five credits. An ACT Math score of 26 or higher, or college credit in PreCalculus B, is required for college credit.

$$\lim_{x \rightarrow 0} \frac{\sin(x)}{x} = 1$$

***"Do not worry too much about your difficulties in mathematics, I can assure you that mine are still greater."***

***"Not everything that counts can be counted. Not everything that can be counted counts."***

***"A person who never made a mistake never tried anything new."***

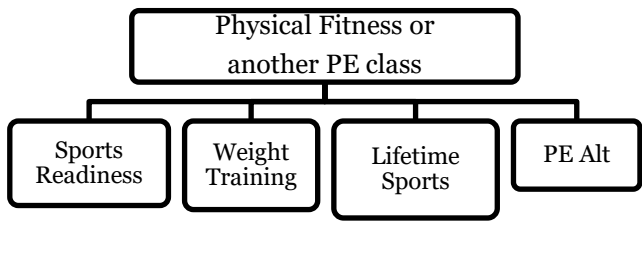
***Albert Einstein***

***"The problem human beings face is not that we aim too high and fail, but that we aim too low and succeed."***

***Michelangelo***

## PHYSICAL EDUCATION/HEALTH

**Graduation Requirements:** 1 credit PE, .5 credit Health



**\*HEALTH SEM: 9-12**

This is a required course involving the study of mental, physical, social, and spiritual health. It includes the study of peer pressure, goal setting, and the importance of abstinence, personal hygiene, nutrition, fitness and first aid/CPR. Also available as a Saxony Online course.

**PHYSICAL FITNESS SEM: 9-11**

This course will include physical fitness, weight training, and a few team sports. Students will set goals based on a five-part physical fitness test along with body fat percentage and weight. Students will work toward these goals in class and will retake the tests at the end of the semester to show progress. Students will be given criteria for these tests at the beginning of the semester. May be repeated for credit.

*The following two courses may not be taken during the same semester.*

**WEIGHT TRAINING SEM: 10-12**

**PR: Physical Fitness or another PE class**

This course is designed to strengthen the student using weights in a healthy, educated, and safe manner. Students will find their max weightlifting ability in five different lifts. They will then follow a program based on these lifts. After eight weeks they will repeat this process. Proper care of equipment and safety in the weight room are other aspects of this course.

**SPORTS READINESS SEM: 10-12**

**PR: Physical Fitness or another PE class and participation in Saxony athletics same or next semester**

This course is designed to optimize sports performance and reduce risk of injury for athletes participating in sports. Course content will include sport specific skill development, sport specific strength training, cardiovascular conditioning, agility work, plyometric jump training, speed training and flexibility exercises.

**LIFETIME SPORTS SEM: 11,12**

**PR: Physical Fitness or another PE class**

This course will include an overview of rules, etiquette and skills of various individual/dual sports that can be used as a means of physical activity at any age. These will include activities such as golf, bowling, ping pong, horseshoes, and tennis. Course fee for some activities.

**LIFETIME SPORTS 2 SEM: 12**

**PR: Lifetime Sports (same semester)**

This course repeats the topics of Lifetime Sports. Students in Lifetime Sports 2 should expect more difficult skills and written tests and will also participate in teaching one or more units. Course fee for some activities.

**PE ALTERNATIVE 9-12**

**PR: Physical Fitness or another PE class**

Students who have completed a previous PE class may receive credit for participation in extracurricular athletics. Students receive a Pass/Fail grade and 1/2 credit is granted for the season completed. This course will not be included in GPA calculations and cannot be repeated for credit. Enrollment for this class will be announced at the start of each athletic season.

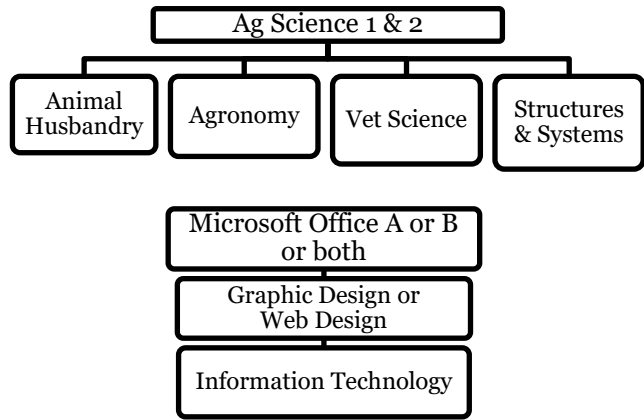


## PRACTICAL ARTS

**Graduation Requirements:** .5 credit Personal Finance, .5 additional credit

**Dual Credit Courses:**

Plant Science: AO120/125, 4 credits  
 Animal Science: AY101, 3 credits  
 Microsoft Office A and B: MI101, 3 credits



### ***Agriculture Science***

*In all Agriculture Science courses, participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.*

**EMBEDDED SCIENCE CREDIT**

In addition to practical art credit, students in Ag Science 1 or 2 may earn an additional half-unit of science credit per Ag Science course by successfully completing 10 science-based competencies embedded into the animal (Ag 1) or plant (Ag 2) science portion of the curriculum. Students will maintain an embedded science portfolio in class of the course material and laboratory activities to provide evidence of competency attainment.

**AGRICULTURE SCIENCE 1                      YR: 9-12**

This course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus.

**AGRICULTURE SCIENCE 2                      YR: 10-12**  
**PR: Agriculture Science 1**

This orientation course builds on basic skills and knowledge gained in the Agriculture Science 1 course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus.

**INTRO TO VETERINARY SCIENCE SEM: 11,12**  
**PR: Agriculture Science 2**

**Offered in the fall of even-numbered years**

This course covers topics relating to veterinary practices, including practices for large and small animal species. Topics may include livestock and companion breed identification, nutrition, veterinary medical practices, and anatomy.

**AG STRUCTURES & SYSTEMS                      SEM: 11,12**  
**PR: Agriculture Science 2**

**Offered in the spring of odd-numbered years**

In this course, students will explore career opportunities in agriculture fields, including entry requirements and industry expectations. Students will be prepared for careers in mechanized agriculture and technical systems.

**ANIMAL HUSBANDRY                                      SEM: 11,12**  
**PR: Agriculture Science 2**

**Offered in the spring of even-numbered years**

This course builds on Basic skills and Knowledge gained in the Agriculture Science 1 & 2 courses. The focus of the class includes agricultural research, selection, breeding, herd (flock) management and nutrition. The class will further develop agricultural mechanics skills acquired in previous classes. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as AY101 for three credits. Possible course fee for materials and books.

**AGRONOMY    SEM: 11,12**  
**PR: Agriculture Science 2**

**Offered in the fall of odd-numbered years**

This course builds on Basic skills and Knowledge gained in the Agriculture Science 1 & 2 courses. The focus of the class includes agricultural research, advanced soil science, advanced agronomy, and biotechnology. The class will further develop

agricultural mechanics skills acquired in previous classes. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as AO120 / AO 125 for four credits. Possible course fee for materials and books.

### ***Business***

#### **BUSINESS FOUNDATIONS SEM: 10-12**

This course explores the major functional areas of business, including management, marketing, accounting, finance, economics, and communication in the workplace. Also included are important concepts such as ethics and social responsibility, forms of ownership, small business and entrepreneurship, and international business.

#### **INTRO TO ACCOUNTING SEM: 10-12**

This course introduces basic accounting principles and procedures with lesson topics including cash control, banking activities, and accounting for sales on account, for cash receipts, purchases on account, and cash payments. Students will develop competence in managing personal business affairs and preparing personal income documents. Careers in accounting will also be explored.

### ***Computers***

#### **COMPUTER APPLICATIONS SEM: 9-10**

This course is designed to build computer skills and understanding in areas including file management, introduction to MS Office Word, PowerPoint, and other integrated applications. Computer Applications will equip students with skills and knowledge of computer hardware and software that they can use in their daily lives. This course will also allow students to apply effective keyboarding and written communication skills.

*Microsoft Office A and B are college-level courses and may be taken through dual enrollment with Southeast Missouri State University as MI101 for three credits. While each course may be taken independently, students who wish to earn dual credit must take both courses in the same academic year.*

#### **MICROSOFT OFFICE A SEM: 10-12 REC PR: Touch Typing Skills or Computer Applications**

This course will cover Windows 10, word processing with focus in Microsoft Word and PowerPoint. Other topics include electronic etiquette, privacy, protection and laws, careers involving computer application

skills, cloud technology, and current technology issues.

#### **MICROSOFT OFFICE B SEM: 10-12**

##### **PR: Basic knowledge of Office suite programs**

This course will cover the use of spreadsheet programs with focus in Microsoft Excel and relational database programs with focus in Microsoft Access. Other topics such as digital citizenship, careers involving computer application skills, and current technology issues and news are touched upon.

#### **WEB DESIGN SEM: 11-12**

##### **PR: Microsoft Office A or B**

This course will explore website design. Understanding networks, design concepts, HTML and CSS, other program codes are touched upon, and planning and publishing a web site are included. This course utilizes online sites for creation of websites as well as Adobe Dreamweaver and Google Sites. Exploration into Web development careers will be discussed throughout the course.

#### **GRAPHIC DESIGN SEM: 11-12**

##### **PR: Microsoft Office A or B**

This course will provide a foundation in design basics and introduce students to the field of graphic design. Students will explore the design process, including creativity, planning, visualizing, constructing, and manipulating images through many different projects in which students create print and web graphics. Programs used for such works include Adobe Photoshop, Illustrator, and InDesign.

#### **INFORMATION TECHNOLOGY SEM: 11,12**

##### **PR: Any two Computer courses beyond Computer Applications**

##### **Offered in the spring of odd-numbered years**

This course will cover a variety of information technology topics. These topics include animation using Adobe CC programs, programming using code.org, PC maintenance and repair, and basic computer science.

### ***Other Practical Arts***

#### **\*PERSONAL FINANCE SEM: 10-12**

In Personal Finance, students will learn to establish and maintain a realistic budget considering financial goals. Students will also evaluate the best method of attaining those goals, with consideration given to future education and careers. Students will focus on stewardship of God's many gifts while creating and maintaining realistic budgets. Other topics include borrowing on credit, saving and investing money, and insurance. Also available as a Saxony Online course.

**NEWSPAPER/CRUSADER TV**      **YR: 11-12**  
**PR: B in Lang. Arts 2 and instructor approval**  
Students with an interest in journalism and with teacher approval will plan, interview, research, write, prepare layout, edit, and produce the school newspaper. Student's tasks will include collaborative planning, journalistic writing, interviewing, photography, advertisement sales/record keeping, and other cooperative work to prepare the monthly newspaper. In addition, students in this class will produce Crusader TV videos. Students will learn to use a camera, microphone, and to write scripts. Adobe Premier will be used to turn raw footage into smooth, enjoyable videos. This course will work on collaborative planning, filming, editing, and producing short videos on a wide variety of themes and topics, such as Saxony Spirit videos, holiday-related themes, and many more.

**YEARBOOK**      **YR: 11-12**  
**PR: B in Lang. Arts 2 and instructor approval**  
Creative students interested in producing a quality yearbook, who are teacher approved, collaboratively plan, design, write, sell advertising/keep records, and photograph school events.

**TEACHING AS A PROFESSION**      **SEM: 11-12**  
This course is designed for those interested in becoming a future educator. Students will be introduced to the education profession; including diversity, standards-based curriculum, learning theories, differentiated instruction, instructional technology, along with observations in the field. This

class may be taken for college credit through dual enrollment with Southeast Missouri State University as ED280 for three credits. Possible course fee for materials and books.

**TEACHER AIDE**      **SEM: 12**  
**PR: Counselor Approval**  
Seniors may request to serve as an Office Aide or Teacher Aide for one period per day. This request must be made to the School Counselor. Selection will be based on the needs of the student, appropriate staff, and the number of requests made each year. Students will receive a Pass/Fail grade and one academic credit (but not Practical Arts credit) is awarded for a passing grade. This course will NOT be included in GPA calculations.

**CAREER EDUCATION**      **YR: 11-12**  
Juniors and seniors can take one of many vocational-technical courses offered at the Cape Girardeau Career and Technology Center or the Perryville Career and Technology Center. This course is equivalent to three credits and students must provide their own transportation. Special application required; please see the School Counselor for details and information on courses offered.

*Students who are interested in completing two years at a Career Center should speak with the Counselor during the freshman year to ensure that all graduation requirements can be met. If needed, Personal Finance can be counted as a Social Studies credit.*

***“Success is the ability to go from one failure to another with no loss of enthusiasm.”***

***Winston Churchill***

***“Twenty years from now you will be more disappointed by the things you did not do than by the ones you did.”***

***Mark Twain***

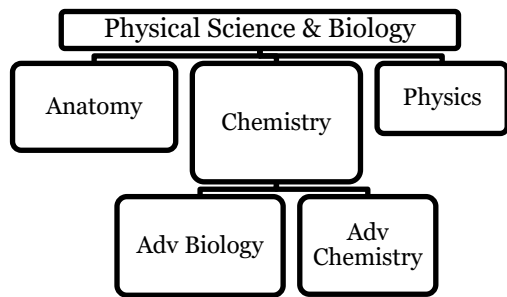
## SCIENCE

**Graduation Requirements:** 3 credits

**Dual Credit Courses**

Chemistry – PHS 1250/7901 (MAC), 5 credits

Advanced Chemistry – CH181/081/001, 5 credits



**\*PHYSICAL SCIENCE** **YR: 9 (R)**

This course involves the study of matter and energy. It includes the study of the scientific process, measurements, the periodic table and atoms, energy resources, sound and light waves. This course prepares students for Chemistry and Physics.

**\*BIOLOGY** **YR: 10 (R)**

**PR: Physical Science**

Biology is a creation-based approach to the study of life from cells to organisms and the Earth's biosphere. This course continues the study of chemistry needed to understand cell structure and function. Also included are ecology, biological diversity, the cell cycle, and genetics.

**ANATOMY AND PHYSIOLOGY** **YR: 11,12**

**PR: Biology**

Anatomy and Physiology is the study of the structure and function of cells, tissues, organs, and organ systems of the human body. All body systems will be studied including Integumentary, Skeletal, Muscular, Nervous, Sensory, Endocrine, Cardiovascular, Lymphatic, Respiratory, Digestive, Excretory, and Reproductive.

**CHEMISTRY** **YR: 11,12**

**PR: Physical Science & Biology with grades of C or above**

Chemistry is the science of the composition, properties, and interactions of matter. Topics studied include atomic structure, the periodic table, ionic and

covalent compounds and nomenclature, chemical equations, quantities in chemical reactions and the mole, solutions and solubility, kinetic energy, and gas laws. This class may be taken for college credit through dual enrollment with Mineral Area College as PHS 1250/7901 for five credits. An ACT Math score of 15 or an ACCUPLACER score of 224 is required for college credit.

**PHYSICS** **YR: 11, 12**

**PR: Physical Science and Algebra 2**

This course is recommended for students considering pursuing a STEM career. Major concepts of physics are covered, including kinematics, forces, mechanics, heat and energy, wave motion and sound, optics, electricity, and modern physics with an emphasis on the investigative processes.

**ADVANCED BIOLOGY** **YR: 12**

**PR: Biology and Chemistry with grades of B- or above**

Advanced Biology is a college-level course. It builds on topics covered in Biology and includes an in-depth, creation-based study of the following: The Chemistry of Life including water, carbon compounds, and biomolecules; The Cell including membrane structure and function, cellular respiration, photosynthesis, and the cell cycle; and Genetics including meiosis and the chromosomal basis of inheritance. Students planning a career in a medical or other STEM field will find this course beneficial.

**ADVANCED CHEMISTRY** **YR: 12**

**PR: Chemistry with a grade of B- or above**

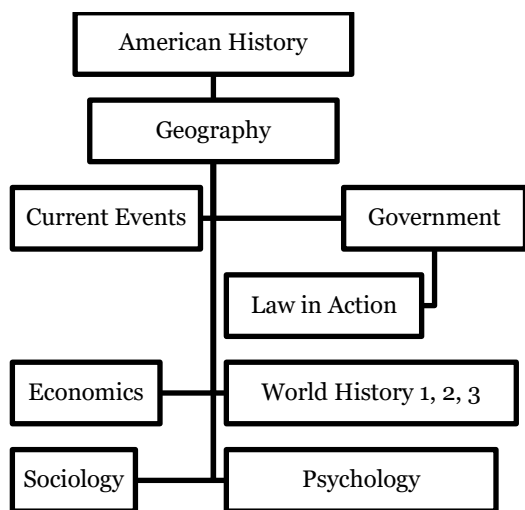
Advanced Chemistry reviews chemistry fundamentals including classification of matter, nomenclature, the mole concept, and stoichiometry. Further study includes net ionic equations, gas laws, quantum theory, VSEPR model, intermolecular forces, kinetics, thermodynamics, equilibrium, acids and bases, and electrochemistry. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as CH181/CH081/CH001 for five credits. College credit in PreCalculus A is required for college credit in Chemistry. Possible course fee for materials and books.

## SOCIAL STUDIES

**Graduation Requirements:** 3 credits, including American History (1) and Government (.5)

**Dual Credit Courses**

Psychology – PY101, 3 credits  
 Sociology – SO102, 3 credits  
 Early American History – US105, 3 credits



**\*AMERICAN HISTORY** **YR: 9 (R)**  
 This course will provide an overview of the growth, struggles and story of the United States from the Reconstruction Era through the end of the Cold War. Students will examine developments in United States government and foreign relations as well as social movements and interactions between people groups in the United States.

**WORLD GEOGRAPHY** **YR: 10 (R)**  
 This course is a study of the various places, peoples and cultures of the world we live in to develop an understanding of the forces working upon them. The course is structured largely around the five themes of Geography: location, place, region, human-environment interaction, and movement. Each unit (except the first) will examine both the physical and human geography of a world region and conclude with a study of challenges facing the region.

**\*GOVERNMENT** **SEM: 11,12**  
 This course will provide an overview of American and Missouri governments through the United States and Missouri constitutions. Students will study the principles of a constitutional democracy, the roles and interaction of state and national governments within a federal system and the responsibilities of the legislative, judicial, and executive branches as well as the system of checks and balances that exist within

the United States government. Students will also examine the election process and the impact of political parties.

**LAW IN ACTION** **SEM: 11,12**  
**PR: C or better in Government**

This course provides practical information and problem-solving opportunities regarding the law. Students engage in active learning experiences such as mock trials, moot courts, role play, case studies, simulations, and small group exercises. Students explore the definition of law, types of laws, application of law in everyday life, and citizen rights and responsibilities under the law.

**CURRENT EVENTS** **SEM, YR: 11,12**  
**PR: Geography/Instructor approval**

Current Events will focus on what is currently happening in the news. Students will examine the role of media today. Students will be able to recognize bias in the media. Students will examine the different parts of political cartoons. This class will be based on in-class discussion and debates.

**HISTORY THROUGH MEDIA** **SEM, YR: 11,12**  
**PR: Geography/Instructor approval**

History through media is an elective social studies course that will cover a wide range of time and cultures starting in the ancient times before Christ and moving all the way to modern times by looking at different media (movies, shows, radio programs, etc.), that portray different historical events. With each media piece we will discuss the specific event or topic portrayed and then spend time looking at the context of historical events that surround what was shown. We also will look at what Hollywood changed or got wrong historically and the significance of those mistakes or changes.

**PSYCHOLOGY** **SEM: 11,12**  
**REC PR: At least B in Language Arts courses**

This course will cover major theories and themes of psychology, including body and mind connections, learning, and thinking, personality, psychological disorders, and social psychology. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as PY101 for three credits. Possible course fee for materials and books.

**SOCIOLOGY** **SEM: 11,12**  
**REC PR: At least B in Language Arts courses**

Sociology is the study of society and culture and their impact on human social behavior. This class may be taken for college credit through dual enrollment with



Southeast Missouri State University as SO102 for three credits. Possible course fee for materials and books.

**WORLD HISTORY 1** SEM: 11,12

**PR: World Geography**

**Offered in the fall of even-numbered years**

World History I will begin with the earliest civilizations-Mesopotamia, Egypt, China, and India. The class will be centered around discovering the five traits of civilization in each civilization we discuss. This class will cover the development of major world religions-Judaism, Hinduism, Buddhism, Christianity, and Islam. World History I students will learn about the origins of democracy in the Greek and Roman civilization. It will also explore ancient invaders such as Genghis Khan. It will end with the Middle Ages.

**WORLD HISTORY 2** SEM: 11,12

**PR: World Geography**

**Offered in the spring of odd-numbered years**

World History 2 will begin with the rebirth of civilization including Renaissance writers and painters. The course will focus on the earliest explorers as they 'discover' the Americas. It will also cover the absolute monarchs of Europe, including Henry VIII and Louis XIV. Special attention will be paid to the European revolutions that occurred during the 18<sup>th</sup> and 19<sup>th</sup> centuries, which helped establish the modern European borders. Both World War I and II will be discussed at length, including the causes and the impacts of the wars.

**WORLD HISTORY 3** SEM: 11,12

**PR: World Geography**

**Offered in the fall of odd-numbered years**

Students will learn about the events following the fall of Nazi Germany in Europe and the reconstruction of Germany and Europe in the post-World War II era. This class will also identify the reasons for the rise of Communism in China and the Far East. It will also explore the factors that contributed to the Korean conflict and the war itself. Students will focus on the Cold War in Europe and the Communist Bloc of Eastern Europe. The class will conclude with the decline of the Soviet Union and the major crises of Europe in the 1990s and early 2000s.

**ECONOMICS** SEM: 11,12

**PR: World Geography**

**Offered in the spring of even-numbered years**

Students will learn key economic principles. Concepts to be covered will be drawn from both macro- and micro-economics and may include scarcity, opportunity costs, supply and demand, competition, unemployment and inflation, gross domestic product, and monetary and fiscal policy.

**EARLY AMERICAN HISTORY** SEM: 11,12

**PR: American History**

**REC PR: At least B in Language Arts courses**  
**Offered in the spring of even-numbered years**

This course is a study of the history of the United States from its colonial beginnings to 1877. This class may be taken for college credit through dual enrollment with Southeast Missouri State University as US105 for three credits. Possible course fee for materials and books.

**\*PERSONAL FINANCE** SEM: 10-12

*See Practical Arts Listings*

***“Ask not what your country can do for you,  
ask what you can do for your country.”***

***John F. Kennedy***



## THEOLOGY

**Graduation Requirements:** 1 course every semester at Saxony; plus Service Hours

**Service Hours:** Each student is required to complete sixty hours of service for graduation. This requirement is to stress our active response to God's love and to discover talents we have to serve God's Kingdom now and in the future. Freshmen and sophomores will be asked to serve ten hours each year in school, at home, in their neighborhood or in church. Juniors and seniors will serve their church or a community organization for a total of twenty hours each year. In this context, "church" includes any affiliated agency, including evangelism, tutoring, etc. The students will not receive any remuneration for this service.

### OLD TESTAMENT

**YR: 9,10**

#### Offered alternate years

This course includes an overview of the Biblical timeline, study of the Old Testament with emphasis on Genesis and other historical books, and as time permits, the study of prophetic books.

### NEW TESTAMENT

**YR: 9,10**

#### Offered alternate years

This course includes an overview of the life of Christ as portrayed in the Gospels. The Book of Acts and the history of the early Church, as well as the Epistles will also be covered.

### OUR CHRISTIAN RESPONSE

**YR: 11,12**

#### Offered alternate years

Our Christian Response highlights the Lutheran response to the events of the Reformation through contemporary Christianity. Through the lenses of Lutheran doctrine and practice, the students will learn how to respond to other Christian denominations, world religions, and contemporary cults. Students will also observe and respond to the relationship between the Church and the secular media.

### OUR CHRISTIAN RESPONSIBILITY YR: 11,12 Offered alternate years

Our Christian Responsibility equips and empowers the students to stand firm in their faith through their words and actions. With the early Church and contemporary Christian apologists as their guide, students will exercise a Lutheran defense against the influences of our secular society. Additionally, students will explore our responsibility to apply biblical concepts and teachings to our relationships with ourselves and our neighbors.

***"And so, from the day we heard, we have not ceased to pray for you, asking that you may be filled with the knowledge of his will in all spiritual wisdom and understanding so as to walk in a manner worthy of the Lord, fully pleasing to him: bearing fruit in every good work and increasing in the knowledge of God."***

***Colossians 3:10***



### Anticipated Course Offerings (Subject to Change)

	Grade	School Years	
		2023-2024	2024-2025
		2025-2026	2026-2027
<b>Fine Arts</b>			
Concert Choir	9-12	Y	Y
Chamber Choir	9-12	Y	Y
Band	9-12	Y	Y
Fundamentals of Art	9-12	Y	Y
Drawing	10-12	S	
Painting	10-12		S
Ceramics	10-12	F	
Sculpture	10-12		F
Portfolio	12	Y	Y
<b>Foreign Language</b>			
Spanish 1, 2, 3, 4	9-12	Y	Y
German 1, 2	9-12	Y	Y
<b>Language Arts</b>			
Language Arts 1	9	Y	Y
Language Arts 2	10	Y	Y
Language Arts 3	11	Y	Y
Speech 1	11-12	F, S	F, S
British Literature	11-12	S	
Modern Literature	11-12		S
College Writing	12	F	F
Language Arts 4	12	F	F
Rhetoric	12	S	S
<b>Mathematics</b>			
Algebra 1	9-12	Y	Y
Geometry	9-12	Y	Y
Algebra 2	10-12	Y	Y
Math Models	11-12	F	F
Statistics	11-12	S	S
PreCalc A	11-12	F	F
PreCalc B	11-12	S	S
Calculus	12	Y	Y

<p>F - Fall Course  S - Spring Course  Y - Yearlong Course  O - Online Course  <i>Dual Credit Course</i></p>
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	Grade	School Years	
		2023-2024	2024-2025
		2025-2026	2026-2027
<b>PE / Health</b>			
Health	9-12	S, O	S, O
Physical Fitness	9-12	F	F
Sports Readiness	10-12	F, S, Y	F, S, Y
Weight Training	10-12	F, S, Y	F, S, Y
Lifetime Sports / LS2	11-12	F, S, Y	F, S, Y
<b>Practical Arts</b>			
Ag Science 1	9-12	Y	Y
Ag Science 2	9-12	Y	Y
Intro to Vet Science	11-12		F
Ag Structures & Systems	11-12		S
Animal Husbandry	11-12	S	
Agronomy	11-12	F	
Computer Applications	9-12	F, S	F, S
Microsoft Office A	9-12	F	F
Microsoft Office B	9-12	S	S
Web Design	11-12	F	F
Graphic Design	10-12	S	S
Information Tech	11-12		S
Business Foundations	10-12	F	F
Intro to Accounting	10-12	S	S
Personal Finance	10-12	F, S, O	F, S, O
Newspaper/Crusader TV	11-12	Y	Y
Yearbook	11-12	Y	Y
Teaching as a Profession	11-12	S	S
Career Ed (CTC)	11-12	Y	Y
Teacher Aide	12	F, S, Y	F, S, Y
<b>Science</b>			
Physical Science	9	Y	Y
Biology	10	Y	Y
Anatomy	11-12	Y	Y
Chemistry	11-12	Y	Y
Physics	11-12	Y	Y
Advanced Biology	12	Y	Y
Advanced Chemistry	12	Y	Y
<b>Social Studies</b>			
American History	9	Y	Y
Geography	10	Y	Y
Government	10-12	F, S	F, S
Law in Action	11-12	F	F
Current Events	11-12	F, S, Y	F, S, Y
Psychology	11-12	S	S
Sociology	11-12	F	F
World History 1	11-12		F
World History 2	11-12		S
World History 3	11-12	F	
Economics	11-12	S	
Early American History	11-12	S	

**Saxony Lutheran High School  
FOUR-YEAR PLAN**

<b>Freshman Year</b>	
<i>Fall</i>	<i>Spring</i>
Theology	Theology
Language Arts 1	Language Arts 1
American History	American History
Physical Science	Physical Science
<i>Math</i>	<i>Math</i>

<b>Sophomore Year</b>	
<i>Fall</i>	<i>Spring</i>
Theology	Theology
Language Arts 2	Language Arts 2
Geography	Geography
Biology	Biology
<i>Math</i>	<i>Math</i>

<b>Junior Year</b>	
<i>Fall</i>	<i>Spring</i>
Theology	Theology
Language Arts 3	Language Arts 3
<i>Math</i>	<i>Math</i>

<b>Senior Year</b>	
<i>Fall</i>	<i>Spring</i>
Theology	Theology
<i>Writing/LA 4</i>	

Use this form as an aid in planning your courses. The Academic Handbook provides details of graduation requirements and course offerings. Gray areas indicate online or summer school courses.

## Graduation Requirements Grid

LA 4 / Writing	Gov't		Geography		Biology	Physical	Pers. Fin.	Health	Phy. Fit.	Electives
	Language Arts 3	Language Arts 2	Language Arts 1	English						
Rhetoric	Algebra 1 (Y)	World Hist. 1,2,3	Chemistry (Y)	Art Fund. (Y)	Computer Apps	Weight Training	Any courses that do not fit in another box, except Theology.			
Speech 1	Geometry (Y)	Psychology	Anatomy (Y)	Band (Y)	Office A or B	Sport Readiness				
British Lit	Algebra 2 (Y)	Sociology	Physics (Y)	Concert Choir (Y)	Yearbook (Y)	Lifetime Sports				
Modern Lit	PreCalc. A / B	Current Events	Embedded Science	Chamber Choir (Y)	Newspaper (Y)	PE Alternative				
	Math Models	Early Amer. Hist.			Videography (Y)					
	Statistics				Intro Business					
					Accounting					
					Ag 1 (Y)					

This form may be used to track courses and credits required for graduation. All boxes must be filled for graduation, and students must take Theology every semester of attendance. Consult the Academic Handbook for details and further requirements.