

# CURRICULUM GUIDE



**2026-2027**

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## ***Mission Statement***

We are called by Jesus Christ to educate young people, through the Catholic tradition, to lead successful, faith-filled lives.

ALTHOFF CATHOLIC HIGH SCHOOL is accredited and recognized by the Diocese of Belleville and the State of Illinois. Althoff Catholic admits students of any race, color, national, or ethnic origin. The purpose of Althoff Catholic is to provide an atmosphere in which you can pursue a Christian education that will prepare you to find and fulfill your individual goals and ambitions after finishing high school. The education program is designed to meet your spiritual, intellectual, cultural, and physical needs. A responsible use of your time and abilities at Althoff Catholic will prepare you for college, career, or job opportunities after graduation.

Since we cannot live in this world without recognizing our relationship to other persons, we cannot live in it without recognizing our relationship to God either. Our experience and relationship with God cannot be separated from our everyday lives. Therefore, all students attending Althoff Catholic are required to take Theology courses. Students who transfer from public schools are excused from the Theology requirement for the years they were attending other schools.

## GPA CALCULATION

- GPA is a 4.0.
- Core and Advanced level courses receive: A = 4, B = 3, C = 2, D = 1, F = 0
- Honors and AP level courses (Weighted)\* receive: A = 5.0, B = 4.0, C = 3.0, D = 1, F = 0
- Semester grades are calculated as follows: 80% (coursework) + 20% (final exam)
- Students may take no more than the following number of honors courses per semester.
  - Freshman – 4
  - Sophomore – 4
  - Junior – 6
  - Senior – 6

\*Subject to change based on course load and periods in the day.

## LAUDE RECOGNITION SYSTEM

- *Starting with the class of 2029, we will begin recognizing student academic success using the Laude system.*

At Althoff Catholic High School, we believe in recognizing academic excellence in a way that is fair, meaningful, and aligned with our values. Rather than using a traditional class ranking system or selecting a valedictorian, we have adopted the Laude Recognition System to honor student achievement in a more inclusive and equitable way.

### **What is the Laude System?**

The Laude System is a Latin honors system commonly used in colleges and universities to recognize high academic achievement. Students who meet specific GPA thresholds will be awarded distinctions at graduation:

- **Cum Laude** ("With Honor") – Awarded to students who achieve a high level of academic excellence. These students are in the top 35% of their class.
- **Magna Cum Laude** ("With Great Honor") – Awarded to students who demonstrate an even higher level of academic achievement. These students are in the top 15% of their class.
- **Summa Cum Laude** ("With Highest Honor") – Awarded to students who have achieved the most outstanding academic performance. These students are in the top 5% of their class.

### **Why is This System Beneficial for Our School?**

In a smaller private school setting like ours, a traditional ranking system can be problematic for several reasons:

- **Small Class Sizes Can Create Unfair Advantages** – With fewer students, minor GPA differences can have an outsized impact on rankings. A single grade in one class could determine whether a student is ranked first or fourth, which may not fairly reflect their overall academic effort.
- **Course Offerings and Schedules Vary** – In smaller schools, students may have different academic opportunities based on available courses, making direct comparisons unfair.
- **More Students Can Be Recognized** – Instead of awarding a single top spot, the Cum Laude system allows multiple students to be honored for their achievements.
- **Prepares Students for College and Beyond** – Since many universities use Latin honors, this system aligns with higher education standards and recognizes excellence in a familiar format.

By using the Cum Laude Recognition System, we ensure that academic excellence is acknowledged in a way that is fair and meaningful for all students.

## HONOR ROLL SELECTION

Honor roll selection is based on a student's current semester weighted GPA only. It does not factor in cumulative GPA and are distinguished as follows:

- High Honor Roll: weighted 3.8 or higher
- Honor Roll: weighted 3.5 or higher

## GRADUATION REQUIREMENTS

Students must pass 27 credits for graduation. Senior students must also be currently enrolled in all required coursework for graduation in order to participate in commencement. It is possible for each student to take eight classes per semester, which gives the student the opportunity to pass eight credits per school year. In four years, students can graduate with 32 credit hours. In addition, students are required to complete Freshman Retreat, Sophomore Retreat, Junior Retreat, and Senior Service as a condition for graduation.

COURSEWORK	ALTHOFF REQUIRES	ILLINOIS REQUIRES	MOST COLLEGES REQUIRE
THEOLOGY	4 credits	0 credits	0 credits
ENGLISH	4 credits	4 credits	4 credits
MATH	3 credits	3 credits	3-4 credits
2 LAB SCIENCES (PLACED BY COUNSELOR)	2 credit	2 credit	2 credit
SCIENCE	1 credit	0 credits	1 credit
CIVICS (Must pass the constitution test)	1 credit	0.5 credit	0.5 credit
SOCIAL STUDIES ELECTIVE	1 credit	0	1 credit
U.S. HISTORY	1 credit	1 credit	1 credit
PHYSICAL EDUCATION	4 credits	4 years	0 credits
CONSUMER EDUCATION	0.25 credit	0.25 credit	0
HEALTH	0.5 credit	0.5 credit	0 credits
FINE ART (ART, MUSIC or FOREIGN LANGUAGE)	2 credits	2 credits	2 credits

\*\*\* Though it is not an Althoff Catholic graduation requirement, students planning to continue their education at a university or community college are urged to enroll in a minimum of **2 years of a foreign language**, as this is a common admission requirement at many colleges. To determine the requirements for a specific college, check the college's website or contact the admission office of that school. \*\*\*

## TRANSFER CREDIT

Althoff Catholic High School reserves the right to evaluate all credits earned from an outside institution to determine if the course in which the credit was earned is equivalent to a course offered by Althoff.

*Students also must have earned at least the following number of credits for each grade level classification:*

- Freshman 0-6
- Sophomores 6.5-14
- Juniors 14.5-21
- Seniors 21.5+

## CLASS REGISTRATION

*Courses are subject to availability each year.*

### REGISTRATION & COURSE REQUESTS

Course offerings each year are planned to provide students with the best academic opportunities while maintaining balanced class sizes. To ensure a smooth registration process, students and parents should review the Curriculum Guide thoroughly and select courses that align with the student's abilities, interests, and graduation requirements. Juniors and seniors should also consider the admission requirements of the colleges they may apply to.

Course availability is determined by student interest and faculty resources, so not every class is offered annually. With an eight-period schedule, courses must be arranged carefully, and scheduling conflicts may occur. Because of this, students should choose alternate course options thoughtfully, as they may be placed in one if their first choice is unavailable. Students may also be placed in a class they didn't choose based on availability of classes and the limitations of a small school schedule. In this case, the student may have to complete an elective they don't necessarily enjoy. Our goal is to ensure they have all their graduation requirements first and are prepared for their post-secondary plans.

The administration may cancel courses with low enrollment. For any questions or assistance, please contact the Guidance Office.

### COURSE WITHDRAWAL

Students are strongly encouraged to complete all courses for which they register. The schedule is built based on the requests of the students. Many changes and switches from one class to another has substantial repercussions to the overall process of the school and purchasing of resources. Changes to student schedules significantly impacts the master schedule, individual student schedules, and class sizes. As a result, schedule adjustments will be granted on a limited basis. While all requests will be reviewed, approval is not guaranteed, even if a teacher or counselor supports the change. In rare cases where a schedule modification is necessary, students must submit a formal request to their counselor. Requests will only be accepted via in-person meetings, or in writing-using the form or an email. Once all required forms and documentation are submitted, the student's records will be evaluated, and a final decision will be made.

Students wishing to drop a course and enroll in another must submit their request no later than the end of the first week of classes. Written approval from a parent and the student's counselor must be provided using the designated forms from the Counseling Department.

Students are not permitted to switch classes after this point because we do not have study halls or other classes to move them into from the one they drop.

**\*\*Yearlong courses:** the expectation is to take the course for the full year. The school has purchased books and resources for the course as well as created courses based on student requests. Any change to a yearlong course would require an urgent need and the approval of the principal.

A withdrawal after the first four weeks but before the progress reports will result in a Withdraw Fail "WF" or Withdraw Pass "WP" on the student's official transcript. A withdraw after the progress reports will result in a Fail "F" on the student's official transcript and will be averaged into their cumulative GPA. Credit is not given for a withdrawal nor will any course fees be refunded.

NOTE: If a student *personally* chooses to withdraw from an Honors course, they may **not** re-enroll in another Honors course in that discipline while attending Althoff Catholic.

## CLASS REGISTRATION

*Courses are subject to availability each year.*

### FAILURES

First semester failures in all full year classes can be made up if the student receives a “C” or better for the second semester. That is, a student showing proficiency in the course content in the second semester with a grade of “C” or better will receive a “D” for the first semester. If a student also fails the second semester, the course may be made up by repeating the entire course.

If the student fails a course and does not recover it by earning a “C” or better the 2<sup>nd</sup> semester, it is highly recommended that the student complete a summer school credit recovery option. The credit recovery option gives the student time in their schedule the following year to stay on track and ensure that all of their classes will fit in their schedule. It may be difficult to fit, for example, a sophomore and a junior English in a semester for a student as they still have other classes to take. As of the writing of this guide, we recommend Illinois Virtual School Online or reaching out to your local school district to see if they have any summer school options available.

### ILLINOIS VIRTUAL SCHOOL

If interested, some students have elected to take Health or Consumer Education online using Illinois Virtual School. The cost would be on the families, however, some of our students have taken advantage of this option to free up their schedule during the year for other electives. At this time, those are the only classes we accept for full course credit as they are required for graduation.

### WAIVERS

- Advancement to a more challenging course in each discipline except foreign language requires an “A” or “B” and recommendation from the course teacher. If the student has a “C” in a course and wishes to move to a more challenging section, the student and parent/guardian must sign a waiver.
- To advance to a third-year course in foreign languages, a student must receive an “A” or “B” in the second-year course. If a student has a “C” in the second-year course and wishes to enroll in the third-year course, the student and parent/guardian must sign a waiver.

Waivers must be signed by both the student and their parent/guardian. ***Once a waiver is signed, the student must remain in the class until the end of the semester.*** If the student drops an advanced course at the end of the semester, he/she may never sign another waiver for another advanced class in that discipline. Careful consideration should be given before signing a waiver.

## SENIOR SERVICE PROJECT

Through the Service Learning Project, seniors spend 3 weeks in full-time volunteer service (i.e. they do NOT attend their regular classes during this time). Students are placed in people-serving agencies throughout the community and are given an integrated service experience involving direct, person-to-person contact with those in need. This opportunity for service to others and for personal growth is so important to the Mission of the Catholic high schools and to the Christian formation of our students, that the satisfactory completion of the project is a requirement for graduation.

## EXEMPTION FROM PHYSICAL EDUCATION

A student may be exempt from P.E. if any of the following conditions are met:

- A student is participating in band.
- A student needs a specific course required by a college or university they will be attending. Written documentation will be required from that college/university.
- A student has a physical disability or an injury that keeps them from participating in P.E. Written documentation will be required from their physician.

## COLLEGE CREDIT OPTIONS

### SAINT LOUIS UNIVERSITY 1818 COURSES\*

Althoff Catholic partners with Saint Louis University (SLU) to bring college credit courses to students while still in high school through the Advanced College Credit (1818) program. The 1818 courses are challenging, but carry extra GPA weight just like an honors course. Students will receive college credit if (1) they receive a grade of a “C” or higher in the course, (2) they have a 3.0 *unweighted* cumulative grade point average, and (3) they pay an additional fee directly to Saint Louis University. If the student accomplishes these three items they will receive a transcript from Saint Louis University which will reflect the grade earned in the course at Althoff Catholic. Students may **NOT** waiver into the 1818 courses.

These courses may or may not be accepted by the college or university a student ultimately attends. A student should contact any potential college or university prior to registering with Saint Louis University to determine the school’s policy on acceptance of dual credit course work.

## COLLEGE CREDIT OPTIONS, cont'd

### SOUTHWESTERN ILLINOIS COLLEGE\*

Althoff Catholic partners with Southwestern Illinois College (SWIC) to bring college credit courses to students while still in high school through the Belleville CEO Program. Students can elect to receive four college dual credits through Southwestern Illinois College; three credit hours as a MGMT 201 – Entrepreneur Basics and one credit in MGMT 203 – Business Plan course.

\*These courses may or may not be accepted by the college or university a student ultimately attends. A student should contact any potential college or university prior to registering with SWIC to determine the school's policy on acceptance of dual credit course work.

## ADVANCED PLACEMENT (AP) COURSES

Advanced Placement (AP) courses give students the opportunity to earn college credit while still in high school. Students may choose to pay for and take the end-of-course AP exam for any subject offered on the AP College Board website: [www.collegeboard.com/ap](http://www.collegeboard.com/ap). High exam scores may enable students to gain admission, credit, and placement into advanced courses once in college. Minimum required exam scores vary by college/university and subject. Specific requirements for colleges and universities can be found on the College Board website.

The AP exam is given to students each spring on an assigned date chosen by College Board. Even if Althoff Catholic does not offer a particular AP course, students still have the option to take the AP exam. The end-of-course exams are rigorous, and if a student chooses to participate in AP courses, they should be prepared to work very hard and put in many hours of outside study time.

## COLLEGE & AP COURSES OFFERED

Saint Louis University 1818	
Hon Statistics	3 hours
Hon Calculus	4 hours
Hon College Algebra	3 hours
Southwestern Illinois College	
CEO-Entrepreneur Basics	3 hours
CEO-Business Plan	1 hour

AP Courses	
AP Language & Composition	AP Literature & Composition
AP Biology	AP World History
AP U.S. History	AP U.S. Government & Politics
AP Comparative Politics	AP European History
AP Cybersecurity	AP Business with Personal Finance

## PROJECT LEAD THE WAY (PLTW)

PLTW students engage in hands-on activities, projects, and problems that are reflective of real-world challenges. This compelling, real-works approach empowers students to learn essential, in-demand skills validated by the world's leading companies, while also providing an invaluable connection between what students are learning in the classroom today and how it applies to the paths they'll take in the future.

### **PLTW Engineering**

Introduction to Engineering Design  
Digital Electronics  
Principles of Engineering

## HONORS COURSES AND CREDIT

COURSE #	COURSE NAME	CREDITS
ART 430	Honors Art Appreciation Ancient Greece to 1850	0.5 credit
ART 431	Honors Modern Art Appreciation 1850-Present	0.5 credit
ART 430	Honors Independent Studies in 2D Art SEM 1	0.5 credit
ART 431	Honors Independent Studies in 2D Art SEM 2	0.5 credit
ART 432	Honors Independent Studies in 3D Art SEM 1	0.5 credit
ART 433	Honors Independent Studies in 3D Art SEM 2	0.5 credit
CTE 330	Honors Yearbook	1 credit
CTE 340	AP Honors Cybersecurity	1 credit
CTE 341	AP Honors Business with Personal Finance	1 credit
CTE 430	Honors CEO Entrepreneurship	2 credits
ENG 130	Honors Freshman English	1 credit
ENG 230	Honors Sophomore English	1 credit
ENG 340	AP Honors Language and Composition	1 credit
ENG 440	AP Honors Literature and Composition	1 credit
ENGR 230	Honors Digital Electronics	1 credit
ENGR 310/330	Honors Principles of Engineering	1 credit
HIST 130	Honors Civics I: Constitutional Foundations	1 credit
HIST 113	Honors Civics II: Government in Action	1 credit
FREN 330	Honors French III	1 credit
FREN 430	Honors French IV	1 credit
HIST 240	AP Honors World History	1 credit
HIST 241	AP Honors US Government and Politics	0.5 credit
HIST 242	AP Honors Comparative Government Politics	0.5 credit
HIST 340	AP Honors U.S. History	1 credit
HIST 440	AP Honors European History	1 credit
MATH 130	Honors Algebra I	1 credit
MATH 230	Honors Geometry	1 credit
MATH 330	Honors Algebra II	1 credit
MATH 430	Honors College Algebra & Trigonometry	1 credit
MATH 431	Honors Statistics	1 credit
MATH 432	Honors Calculus	1 credit
SCI 130	Honors Biology	1 credit
SCI 230	Honors Chemistry	1 credit
SCI 330	Honors Anatomy & Physiology	1 credit
SCI 331	Honors Physics	1 credit
SCI 332	Honors Advanced Chemistry	1 credit
SCI 340	AP Honors Biology	1 credit
SPAN 330	Honors Spanish III	1 credit
SPAN 430	Honors Spanish IV	1 credit

## NCAA ELIGIBILITY CENTER REQUIREMENTS

NCAA recommends that you register with the NCAA Eligibility Center ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) no later than the beginning of your freshman year in high school/year nine in secondary school. (Best practice is during eighth grade/year eight, before you have selected classes for your ninth grade in high school/year nine of secondary school.) This should allow sufficient time to be sure you are taking core-course classes, and are on track to graduate on time and meet the NCAA's required initial-eligibility standards. At the latest, students aspiring to play Division I or II athletics must register ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)) following their junior year of high school.

### DIVISION I ACADEMIC STANDARDS

Division I Schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

1) Earn **16 NCAA-approved core-course** credits in the following areas:

- English 4 years
- Math 3 years (Algebra 1 or higher)
- Science 2 years (including one year of lab)
- Additional 1 year (English, Math, or Science)
- Social Science 2 years
- Additional Courses 4 years (Any area listed above, world language, comparative religion or philosophy)

2) Complete **10 of your 16 NCAA-approved core-course credits in eight academic semesters** or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.

3) Complete **10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester.** Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.

4) Earn a minimum **2.3 core-course GPA.**

5) Ask your high school counselor to upload your **final official transcript with proof of graduation** to your Eligibility Center account.

**EARLY ACADEMIC QUALIFIER** If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division I and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

**QUALIFIER** You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

**ACADEMIC REDSHIRT** You may practice during your first regular academic term and receive an athletics scholarship during your first year of full-time enrollment but may NOT compete during your first year of full-time enrollment. You must pass either eight quarter or nine semester hours to practice in the next term.

**NONQUALIFIER** You will not be able to practice, compete or receive an athletics scholarship during your first year of full-time enrollment.

**TEST SCORES** In January 2023, NCAA Divisions I and II adopted legislation to remove standardized test scores from initial-eligibility requirements. Check with the NCAA school you plan to attend regarding whether standardized test scores are necessary for admission or scholarship requirements.

# NCAA ELIGIBILITY CENTER REQUIREMENTS

## DIVISION II ACADEMIC STANDARDS

Division II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

1) Earn 16 NCAA-approved core-course credits in the following areas:

- English 3 years
- Math (Algebra 1 or higher) 2 years
- Science (including one year of lab) 2 years
- Additional (English, Math, or Science) 3 years
- Social Science 2 years
- Additional Courses 4 years (Any area listed to the above, world language, comparative religion or philosophy)

2) Earn a minimum **2.2 core-course GPA**.

3) Ask your high school counselor to upload your **final official transcript with proof of graduation** to your Eligibility Center account.

**EARLY ACADEMIC QUALIFIER** If you meet specific criteria after six semesters of high school, you may be deemed an early academic qualifier for Division II and may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

**QUALIFIER** You may practice, compete and receive an athletics scholarship during your first year of full-time enrollment.

**PARTIAL QUALIFIER** You may practice and receive an athletics scholarship but may NOT compete during your first year of full-time enrollment.

*How to plan your high school courses to meet the 16 core-course requirement:*

# 4 x 4 = 16

9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other
<b>4 CORE COURSES</b>	<b>4 CORE COURSES</b>	<b>4 CORE COURSES</b>	<b>4 CORE COURSES</b>

## NCAA APPROVED COURSES

SOCIAL STUDIES	COURSE NAME	ENGLISH	COURSE NAME
<b>HIST 110</b>	CIVICS I: CONSTITUTIONAL FOUNDATIONS	<b>ENG 110</b>	FRESHMAN ENGLISH
<b>HIST 111</b>	CIVICS II: GOVERNMENT IN ACTION	<b>ENG 120</b>	ADVANCED FRESHMAN ENGLISH
<b>HIST 112</b>	GEOGRAPHY: EASTERN HEMISPHERE	<b>ENG 130</b>	HONORS FRESHMAN ENGLISH
<b>HIST 113</b>	GEOGRAPHY: WESTERN HEMISPHERE	<b>ENG 210</b>	SOPHOMORE ENGLISH
<b>HIST 120</b>	ADVANCED CIVICS I: CONSTITUTIONAL FOUNDATIONS	<b>ENG 220</b>	ADVANCED SOPHOMORE ENGLISH
<b>HIST 121</b>	ADVANCED CIVICS II: GOVERNMENT IN ACTION	<b>ENG 230</b>	HONORS SOPHOMORE ENGLISH
<b>HIST 130</b>	HONORS CIVICS I: CONSTITUTIONS FOUNDATIONS	<b>ENG 310</b>	JUNIOR ENGLISH
<b>HIST 113</b>	HONORS CIVICS II: GOVERNMENT IN ACTION	<b>ENG 320</b>	ADVANCED JUNIOR ENGLISH
<b>HIST 210</b>	WORLD HISTORY: PREHISTORY TO 1500	<b>ENG 340</b>	AP HONORS LANGUAGE & COMPOSITION
<b>HIST 211</b>	WORLD HISTORY: 1500 TO MODERN	<b>ENG 410</b>	SENIOR ENGLISH
<b>HIST 212</b>	CURRENT AFFAIRS I	<b>ENG 420</b>	ADVANCED SENIOR ENGLISH
<b>HIST 213</b>	CURRENT AFFAIRS II	<b>ENG 440</b>	AP HONORS LITERATURE & COMP
<b>HIST 112</b>	ADVANCED WORLD HISTORY: PREHISTORY TO 1500		
<b>HIST 221</b>	ADVANCED WORLD HISTORY: 1500 TO MODERN	<b>MATH</b>	<b>COURSE NAME</b>
<b>HIST 240</b>	AP HONORS WORLD HISTORY	<b>MATH 110</b>	ALGEBRA I
<b>HIST 241</b>	AP HONORS GOVERNMENT & POLITICS	<b>MATH 120</b>	ADVANCED ALGEBRA I
<b>HIST 242</b>	AP COMPARATIVE GOVT AND POLITICS	<b>MATH 130</b>	HONORS ALGEBRA I
<b>HIST 310</b>	US HISTORY: PRE-COLUMBIAN TO THE CIVIL WAR	<b>MATH 210</b>	GEOMETRY
<b>HIST 311</b>	US HISTORY: RECONSTRUCTION TO THE PRESENT	<b>MATH 220</b>	ADVANCED GEOMETRY
<b>HIST 320</b>	ADVANCED U.S. HISTORY: PRE-COLUMBIAN TO THE CIVIL WAR	<b>MATH 230</b>	HONORS GEOMETRY
<b>HIST 321</b>	ADVANCED U.S. HISTORY: RECONSTRUCTION TO THE PRESENT	<b>MATH 310</b>	ALGEBRA II
<b>HIST 340</b>	AP HONORS US HISTORY	<b>MATH 320</b>	ADVANCED ALGEBRA II
<b>HIST 410</b>	WORLD WARS	<b>MATH 330</b>	HONORS ALGEBRA II
<b>HIST 411</b>	MODERN U.S. HISTORY	<b>MATH 410</b>	INTERMEDIATE ALGEBRA & TRIGONOMETRY
<b>HIST 430</b>	HONORS GREEK & ROMAN CIVILIZATION	<b>MATH 420</b>	ADVANCED COLLEGE ALGEBRA & TRIGONOMETRY
<b>HIST 431</b>	HONORS MEDIEVAL HISTORY	<b>MATH 430</b>	HONORS COLLEGE ALGEBRA & TRIGONOMETRY
<b>HIST 440</b>	AP EUROPEAN HISTORY	<b>MATH 431</b>	HONORS STATISTICS
<b>PSYCH 310</b>	PSYCHOLOGY I: Introduction to Psychological Theory	<b>MATH 432</b>	HONORS CALCULUS
<b>PSYCH 311</b>	PSYCHOLOGY II: Developmental, Social, and Abnormal Psychology		

## NCAA APPROVED COURSES

SCIENCE	COURSE NAME	WORLD LANGUAGES	COURSE NAME
BIOM 110	FORENSIC SCIENCE	FREN 110	FRENCH I
ENGR 110	INTRO TO ENGINEERING DESIGN	FREN 210	FRENCH II
ENGR 210/230	DIGITAL ELECTRONICS/HONORS	FREN 330	HONORS FRENCH III
ENGR 310/330	PRINCIPLES OF ENGINEERING/HONORS	FREN 430	HONORS FRENCH IV
SCI 110	INTEGRATED SCIENCE	SPAN 110	SPANISH I
SCI 120	ADVANCED BIOLOGY	SPAN 210	SPANISH II
SCI 130	HONORS BIOLOGY	SPAN 330	HONORS SPANISH III
SCI 212	ASTRONOMY	SPAN 430	HONORS SPANISH IV
SCI 213	ENVIRONMENTAL SCIENCE		
SCI 220	ADVANCED CHEMISTRY		
SCI 230	HONORS CHEMISTRY		
SCI 330	HONORS ANATOMY & PHYSIOLOGY		
SCI 331	HONORS PHYSICS		
SCI 332	HONORS ADVANCED CHEMISTRY		
SCI 340	AP HONORS BIOLOGY		

## ACADEMIC COURSES

NCAA courses are denoted with a \* by the course title  
 SLU 1818 courses are denoted with a ^ by the course title  
**AVAILABILITY OF COURSES IS SUBJECT TO CHANGE BASED ON  
 STUDENT ENROLLMENT.**

***Graduation requirement: 4 credit hours***

Students will take all classes listed. Freshmen take 100 level classes, sophomores take 200 level classes, juniors take 300 level classes, and seniors take 400 level classes.

## *THEOLOGY DEPARTMENT*

THEOLOGY TRACKS			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
THEO 110 FRESHMAN THEOLOGY	THEO 210 SOPHOMORE THEOLOGY	THEO 310 JUNIOR THEOLOGY	THEO 410 SENIOR THEOLOGY

## THEOLOGY

THEO 110	Freshman Theology	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> NONE</p> <p><b>Semester 1:</b> The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through the study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In this course they will learn about the Bible, authored by God, through inspiration and its value to people throughout the world. They will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels where they may grow to know and love Jesus Christ more personally.</p> <p><b>Semester 2:</b> Students will be introduced to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. Students will come to understand that Jesus Christ is the ultimate revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.</p> <p><b>Student Activities:</b> Prayer experiences, note taking, group discussions, presentations, and exegesis.</p> <p><b>Student Evaluation:</b> In-class assignments, homework assignments, quizzes, tests, projects, and final exam.</p>		

THEO 210	Sophomore Theology	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> THEO 110 Freshman Theology</p> <p><b>Semester 1:</b> The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. They will learn that they share this redemption only in and through Jesus Christ. Students will also be introduced to what it means to be a disciple of Jesus Christ and what life as a disciple entails.</p> <p><b>Semester 2:</b> The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course students will learn not so much about events in the life of the Church, but about the sacred nature of the Church.</p> <p><b>Student Activities:</b> Note-taking, journals, prayer experiences, and group discussion.</p> <p><b>Student Evaluation:</b> Prayer experience, classroom assignments, homework assignments, reflection papers, tests, projects, and final exam.</p>		

THEO 310	Junior Theology	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> THEO 210 Sophomore Theology</p> <p><b>Semester 1:</b> The purpose of this course is to help students understand that they can encounter Jesus Christ today in a full and real way in and through the sacraments and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Jesus Christ throughout life.</p> <p><b>Semester 2:</b> Theology will help students understand that it is only through Jesus Christ that they can fully live out God's plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Jesus Christ's disciples.</p> <p><b>Student Activities:</b> Presentations, group discussions, prayer experiences, and some note taking.</p> <p><b>Student Evaluation:</b> Classroom assignments, homework assignments, tests, and final exam.</p>		

THEO 410	Senior Theology	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> THEO 310 Junior Theology</p> <p><b>Semester 1:</b> Senior Theology is an exploration and study that synthesized religious education over four years into an integrated, holistic review of Catholic theology. The course will also provide an introduction to theological reflection, theological vocabulary, close read of text, and analysis of social context with historical and formational components.</p> <p><b>Semester 2:</b> Designed to continue the growth of the students' love and comprehension of the New Testament. Students will learn how to use the New Testament for prayer, love, and understanding of how a Catholic Christian should trust and believe in God.</p> <p><b>Course Objective:</b> To initiate the student into college-level theological conversation and study and give them the skills, tools, and resources necessary for further study at the university level, including:</p> <ul style="list-style-type: none"> <li>• Reading and writing at the senior level</li> <li>• Methods of contextual analysis</li> <li>• Practice in theological reflection</li> <li>• Understanding the role of theological study within other disciplines</li> </ul>		

**ENGLISH DEPARTMENT**

**NCAA courses are denoted with a \* by the course title**  
**SLU 1818 courses are denoted with a ^ by the course title**  
**AVAILABILITY OF COURSES IS SUBJECT TO CHANGE BASED ON**  
**STUDENT ENROLLMENT.**

**Graduation requirement: 4 credit hours**

HONORS PROGRAM – Students enrolled in the Honors/Advanced Placement Program must fulfill all prerequisite requirements as explained under each course. Students may **not** continue or re-enroll in honors if either, or both, of the following situations occur:

- A student personally chooses to drop from an Honors/AP course
- A student fails to maintain a “B” average in one or more Honors/AP courses

TYPICAL ENGLISH TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	ENG 110 FRESHMAN ENGLISH	ENG 210 SOPHOMORE ENGLISH	ENG 310 JUNIOR ENGLISH	ENG 410 SENIOR ENGLISH
2	ENG 120 ADVANCED FRESHMAN ENGLISH	ENG 220 ADVANCED SOPHOMORE ENGLISH	ENG 320 ADVANCED JUNIOR ENGLISH	ENG 420 ADVANCED SENIOR ENGLISH
3	ENG 130 HONORS FRESHMAN ENGLISH	ENG 230 HONORS SOPHOMORE ENGLISH	ENG 340 AP HONORS LANGUAGE & COMPOSITION	ENG 440 AP HONORS LITERATURE & COMPOSITION

**FRESHMAN ENGLISH**

ENG 110	Freshman English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> This course begins with skills appropriate for ninth graders. Texts are designed to be entry-level material that ninth graders can read and analyze with minimal background information. The selections are brief and of high interest with generally straightforward language and structure.</p> <p><b>Student Activities:</b> Students will read a variety of short stories, nonfiction, and genres supported in the 9th grade textbook. Students will receive continued reading, writing, grammar and vocabulary instruction. Longer works will be read and discussed such as <i>Romeo and Juliet</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Short essays, objective tests, creative projects, presentations, and a final exam.</p>		
ENG 120	Advanced Freshman English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> In future English courses, students will be asked to read and analyze a variety of texts— poetry, fiction, exposition, drama, and nonfiction. In the ninth grade, all students study the essential elements of each of the important genres and language modes they will encounter. A student on track for high school success is that student who has mastered the conventions of analysis and writing in various genres/modes and knows how and when to switch between them.</p> <p><b>Student Activities:</b> English skills essential for communication in the classroom and the world: learning to discuss ideas, to listen actively, to read actively and critically. They will practice creating a clear voice and using sources skillfully and responsibly. These skills are practiced frequently, in low-risk formative activities threaded throughout the textbook. Longer works will be read and discussed such as <i>Romeo and Juliet</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Essays, objective tests, written analyses, creative projects, presentations, and final exam.</p>		
ENG 130	Honors Freshman English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> The text selections in this honors course become more nuanced and structurally variant, adding an element of challenge but remaining accessible and relevant to students. This study culminates with an exploration of cultural identity with which they can identify. A student on this track in high school knows the conventions of analysis and writing in various genres/modes and knows how and when to switch between them.</p> <p><b>Student Activities:</b> Students will read a variety of short stories and texts supported through a 9th grade textbook. Students will receive challenging genre readings and writing activities with imbedded grammar and vocabulary instruction. Longer works will be read and discussed such as <i>Romeo and Juliet</i> and a chosen novel.</p> <p><b>Student Evaluation:</b> Short essays, objective tests, creative projects, presentations, and final exam.</p>		

## SOPHOMORE ENGLISH

ENG 210	Sophomore English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students not maintaining a “C” or above in ENG 120 OR students not maintaining an “A” in ENG 110.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> The purpose of this course is to introduce literature from classic through contemporary short stories, poetry, drama, and nonfiction. This course will be more rigorous than ENG 110 and focus on the development of research skills through writing and composition while continuing with reading comprehension.</p> <p><b>Student Activities:</b> Students will read a variety of short stories and texts supported through a 10th grade textbook. Students will begin to delve deeper into plot analysis, mood, setting, characterization, and theme. Students will receive continued grammar and vocabulary instruction. Students will learn to successfully apply MLA formatting and citation styles and complete an accurately cited researched essay /project. Discussions will apply ideas from the text to current events and societal issues at home and around the globe. Student will also read and discuss a longer works such as <i>Julius Caesar</i> and chosen novel.</p> <p><b>Student Evaluation:</b> Research project, essays, objective tests, creative projects, presentations, and final exam.</p>		
ENG 220	Advanced Sophomore English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students maintaining a “C” or above in ENG 120 OR students maintaining an “A” in ENG 110 with teacher recommendation.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> The purpose of this class is to continue to introduce a variety of classic through contemporary literature from selected short stories, poetry, drama, and nonfiction. They will study longer works from drama and novels. This course will be more rigorous than ENG 210 and also focus on the development of research skills through writing and composition.</p> <p><b>Student Activities:</b> Students will read a variety of short stories and texts supported through the textbook. Students will delve deeper into plot analysis, mood, setting, characterization, and theme. Students will receive grammar and vocabulary instruction. They will learn to successfully apply MLA formatting with citation styles by completing an accurately cited researched essay/project. Discussions will apply the ideas from the text to current events and societal issues at home and around the globe. Students will also read and discuss a longer works such as <i>Julius Caesar</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Research project, essays, objective tests, creative projects, presentations, and final exam.</p>		
ENG 230	Honors Sophomore English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students maintaining a “B” or above in both semesters of Honors ENG 130 or maintaining an “A” in ENG 120 with teacher recommendation.</p> <p><b>Textbook:</b> <i>Foundations of Language &amp; Literature, 2nd edition</i></p> <p><b>Description:</b> The text selections in this honors course become more nuanced and structurally variant, adding an element of challenge but remaining accessible and relevant to students. This study culminates with an exploration and discussions of cultural identity with which they can identify. A student on this track in high school knows the conventions of analysis and writing in various genres/modes and knows how and when to switch between them.</p> <p><b>Student Activities:</b> Students will compose a variety of papers throughout the year, including a fully documented researched essay. They will begin to delve deeper into analysis, symbolism, and theme. Students will receive challenging genre readings and writing activities with imbedded grammar and vocabulary instruction. Students will read and discuss several longer pieces, for example, <i>Julius Caesar</i> and selected novels.</p> <p><b>Student Evaluation:</b> Research project, essays, objective tests, creative projects, presentations, and final exam.</p>		

## JUNIOR ENGLISH

ENG 310	Junior English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students not maintaining a “C” or above in ENG 220 OR students not maintaining an “A” in ENG 210.</p> <p><b>Textbook:</b> <i>Advanced Language &amp; Literature: Strong Roots for AP®</i>, <i>College, and Beyond</i></p> <p><b>Description:</b> Students will develop skills as readers and writers with a variety of assignments from nonfiction and fiction. They will continue practice in the development of sentence and paragraph writing to create clearly written essays and documents with a voice. They will study elements from classical and contemporary genres from the sixteenth century to modern times. A variety of writing assignments will cover both essay writing and research skills based upon the readings. MLA formatting is required for all written assignments.</p> <p><b>Student Activities:</b> Students will gain continued practice in a variety of composition styles such as personal narrative, research, and literary analysis. They will analyze a variety of short stories, novels, narratives, journals, drama, and other nonfiction accounts of a time period. Students will receive challenging genre readings and writing activities with imbedded grammar and vocabulary instruction. The drama studied will be <i>Macbeth</i> along with a selected novel.</p> <p><b>Student Evaluation:</b> Research project, essays, objective tests, creative projects, presentations, and final exam.</p>		

ENG 320	Advanced Junior English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students maintaining a “C” or above in ENG 220 OR students maintaining an “A” in ENG 210 with teacher recommendation.</p> <p><b>Textbook:</b> <i>Advanced Language &amp; Literature: Strong Roots for AP®</i>, <i>College, and Beyond</i></p> <p><b>Description:</b> This class is more rigorous than ENG 310 and will allow students to develop their skills as authors in a variety of reading and writing assignments. Students will get continued practice in the development of rhetorical skills in writing to create more clearly written essays and compositions. They will study elements from classical and contemporary genres in both iconic American and world literature from the sixteenth century to modern times. A variety of writing assignments will cover both essay writing and research skills based upon the readings. MLA formatting is required for all written assignments.</p> <p><b>Student Activities:</b> Students will gain continued practice in a variety of composition styles such as personal narrative, research, and literary analysis. Students will analyze a variety of short stories, novels, narratives, journals, drama, and other nonfiction accounts of this time period. Longer works will also be studied, such as <i>Macbeth</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Research project, essays, objective tests, creative projects, presentations, and final exam.</p>		

ENG 340	AP Honors English Language and Composition® *	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> The College Board states there are no prerequisite courses for AP Honors Language and Composition®. Students should be able to read and comprehend college-level texts and apply the conventions of standard written English in their writing. However, Althoff Catholic requires an overall weighted GPA of 3.5, teacher recommendation, and completion of Honors English 203 or English 240 with a grade of “B” or higher.</p> <p><b>Textbook:</b> <i>Ideas in Argument</i></p> <p><b>Description:</b> The AP Honors Language and Composition® course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.</p> <p><b>Student Activities:</b> Reading nonfiction (e.g., essays, journalism, science writing, autobiographies, criticism) selected to give students opportunities to identify and explain an author’s use of rhetorical strategies and techniques. Composing in several forms (e.g., narrative, expository, analytical, and argumentative essays) about a variety of subjects. Writing will proceed through several stages or drafts, with revision aided by teacher and peers, informally (e.g., imitation exercises, journal keeping, collaborative writing), helping students become aware of themselves as writers and the techniques employed by other writers. Students will write expository, analytical, and argumentative compositions based on readings representing a variety of prose styles and genres. The early drama will be <i>The Tragedy of Othello</i> and a longer nonfiction selection.</p> <p><b>Student Evaluation:</b> Discussions, critical responses, formal essays, objective tests, creative projects, presentations, and the AP Honors Language and Composition exam in May.</p>		

**SENIOR ENGLISH**

ENG 410	Senior English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students not maintaining a “C” or above in ENG 320 OR students not maintaining an “A” in ENG 310.</p> <p><b>Textbook:</b> <i>Advanced Language &amp; Literature: Strong Roots for AP®, College, and Beyond</i></p> <p><b>Description:</b> This course will help seniors develop their skills in a variety of creative and biographic writing assignments. They will write at least one major, fully documented, MLA accurate research paper. This course will serve as an overview and sampling of texts representative and iconic of specific literary topics or motifs. Students will build concepts and literary terminology directly covered in ENG 310. This topic may vary and is at instructor discretion at the beginning of the semester. Topics may include Folklore &amp; Mythology, Historical Fiction, and Science Fiction.</p> <p><b>Student Activities:</b> Students will analyze their own writing styles as well as the styles of other authors and a variety of texts including short stories, novels, drama, and poetry. The early drama will be <i>The Tragedy of Hamlet</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Essays, objective tests, creative projects, presentations, and final exam.</p>		

ENG 420	Advanced Senior English*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Students maintaining a “C” or above in ENG 320 OR students maintaining an “A” in ENG 310 with teacher recommendation.</p> <p><b>Textbook:</b> <i>Advanced Language &amp; Literature: Strong Roots for AP®, College, and Beyond</i></p> <p><b>Description:</b> This course will allow seniors to develop their skills in a variety of creative and biographic writing assignments. They will write at least one major, fully documented, MLA accurate research paper. This course will explore in depth a study and trace representative and iconic literary topics or motifs. This course will build on concepts and literary terminology directly covered in ENG 320. These topics may vary at the instructor’s decision during the semester.</p> <p><b>Student Activities:</b> Students will analyze their own writing styles as well as the styles of other authors and a variety of texts including short stories, novels, drama, and poetry. The early drama will be <i>The Tragedy of Hamlet</i> and a selected novel.</p> <p><b>Student Evaluation:</b> Essays, objective tests, creative projects, presentations, and final exam.</p>		

ENG 440	AP Honors English Literature & Composition*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> The College Board states there are no prerequisite courses for AP Honors Language and Composition®. Students should be able to read and comprehend college-level texts and apply the conventions of standard written English in their writing. However, Althoff Catholic requires an overall weighted GPA of 3.5, teacher recommendation, and completion of Honors English 303 or AP Honors Language and Composition 304 with a grade of “B” or higher.</p> <p><b>Textbook:</b> <i>Ideas in Argument</i></p> <p><b>Description:</b> The AP Honors Literature and Composition® course aligns to an introductory college-level Introduction to Literature covering the function of the elements of short story, poetry, novel, and drama. Students develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their positions. Throughout the course of study, students develop a personal voice through syntax and word choice. Additionally, students read texts from the 17<sup>th</sup> century to contemporary genres and historical periods.</p> <p><b>Student Activities:</b> Reading nonfiction (e.g., essays, journalism, science writing, autobiographies, criticism) selected to give students opportunities to identify and explain an author’s use of analytical strategies and techniques. Composing in several forms (e.g., narrative, expository, analytical, and argumentative essays) about a variety of literary topics. Writing will proceed through several stages or drafts, with revision aided by teacher and peers, informally (e.g., imitation exercises, journal keeping, collaborative writing), helping students become aware of themselves as writers and the techniques employed by other writers. Students will write expository, analytical, and argumentative compositions based on readings representing a variety of prose styles and genres. The early drama will be <i>The Tragedy of Hamlet</i> and selected novellas.</p> <p><b>Student Evaluation:</b> Discussions, critical responses, formal essays, objective tests, projects, presentations, and the AP Honors Literature and Composition exam in May.</p>		

## **MATHEMATICS DEPARTMENT**

**NCAA courses are denoted with a \* by the course title**  
**SLU 1818 courses are denoted with a ^ by the course title**  
**AVAILABILITY OF COURSES IS SUBJECT TO CHANGE**  
**BASED ON STUDENT ENROLLMENT.**

***Graduation requirement: 3 credit hours***

A TI-84 (any version) calculator is *required* for all math courses

**PLACEMENT** – Enrollment in Honors Algebra I, Advanced Algebra I, and Algebra I will be based on the placement test, 7<sup>th</sup> and 8<sup>th</sup> grade math scores, and recommendation of the 8<sup>th</sup> grade teacher. Students taking Advanced Algebra I and Algebra I will be recommended for the next class based on their grade and the current teacher recommendation. Enrollment in the Honors Geometry class as a freshman will be available for freshman who have taken the Althoff Catholic sponsored 8<sup>th</sup> grade Algebra I class with the grade of “A” or “B”. Students not enrolled in the Althoff Catholic sponsored class may qualify for Honors Geometry by taking the Honors Algebra I final exam given at Althoff Catholic in May. A student must earn an “A” or “B” on the exam.

**HONORS PROGRAM** – After freshman year, placement will depend on success in the current math class and recommendation of the teacher. Students enrolled in an honors class may re-enroll in the next honors class if they have an “A” or “B” average.

- A student with a “C” average will need to commit to a tutor and sign a waiver if they choose to stay in the honors program.
- A student with a “D” or below average may not continue in the honors program.
- Sophomores who are enrolled in MATH 230 Honors Geometry may also enroll in MATH 330 Honors Algebra II concurrently, with a prerequisite of an “A” in Honors Algebra I. MATH 330 will not be weighted if this option is selected.

TYPICAL MATH TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	MATH 110 ALGEBRA I	MATH 210 GEOMETRY	MATH 310 ALGEBRA II	MATH 410 INTERMEDIATE ALGEBRA & TRIGONOMETRY
2	MATH 120 ADVANCED ALGEBRA I	MATH 220 ADVANCED GEOMETRY	MATH 320 ADVANCED ALGEBRA II	MATH 420 ADVANCED COLLEGE ALGEBRA & TRIGONOMETRY
3A	MATH 130 HONORS ALGEBRA I	MATH 230 HONORS GEOMETRY -- **MATH 330 HONORS ALGEBRA II	MATH 330 HONORS ALGEBRA II -- **MATH 430 HONORS COLLEGE ALGEBRA^ & TRIGONOMETRY	MATH 430 HONORS COLLEGE ALGEBRA^ & TRIGONOMETRY -- **MATH 431 HONORS STATISTICS^ <i>and/or</i> <b><i>MATH 432</i></b> HONORS CALCULUS^
<b><i>OR</i></b> 3B	MATH 230 HONORS GEOMETRY	MATH 330 HONORS ALGEBRA II	MATH 430 HONORS COLLEGE ALGEBRA & TRIGONOMETRY^	MATH 431 HONORS STATISTICS^ <i>and/or</i> <b><i>MATH 432</i></b> HONORS CALCULUS^

\*\*MATH 330 Honors Algebra II may be taken concurrently with MATH 230 Honors Geometry in this sequence with approval of the instructors if the student would like to be eligible to take MATH 431 Honors Statistics and/or MATH 432 Honors Calculus during their senior year.

**ALGEBRA I**

<b>MATH 110</b>	<b>Algebra I*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> NONE</p> <p><b>Description:</b> This course will include linear equations, functions, inequalities, systems, exponents, factoring, quadratics, and radicals.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		
<b>MATH 120</b>	<b>Advanced Algebra I*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Placement score and teacher recommendation.</p> <p><b>Description:</b> This course covers linear equations and functions, inequalities, systems, exponents, exponential functions, radicals and radical functions, rational expressions, and equations; as well as quadratic expressions, equations, and functions.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Quizzes, tests, and final exam.</p>		
<b>MATH 130</b>	<b>Honors Algebra I*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Placement score and teacher recommendation.</p> <p><b>Description:</b> This course covers all elements of Algebra I in greater depth and includes radical work related to geometry and trigonometry.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Quizzes, tests, and final exam.</p>		

**GEOMETRY**

<b>MATH 210</b>	<b>Geometry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 110 Algebra I, or completion of MATH 120 Advanced Algebra I with a “D”.</p> <p><b>Description:</b> In this course students will learn to: recognize and understand concepts and terms from plane and solid geometry; apply postulates and theorems involving quadrilaterals, polygons, circles, and similar shapes; use perimeter, area, and volume formulas; apply the Pythagorean Theorem, work with special right triangles, and basic trigonometry involving right triangles; solve proportions, do measurements, and unit conversions. Algebraic skills will be used in solving geometric problems.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		
<b>MATH 220</b>	<b>Advanced Geometry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 120 Advanced Algebra I with an “A”, “B”, or “C”.</p> <p><b>Description:</b> This course covers concepts from plane and solid geometry including application of postulates and theorems in proofs and problems, algebraic and two-column geometric proofs, triangle congruence, quadrilaterals, proportions &amp; similarity, right triangles &amp; trigonometry, polygons, circles, and transformations &amp; symmetry. Measurement, unit conversion, and algebra skills will be required in problem solving.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

MATH 230	Honors Geometry*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> MATH 130 Honors Algebra I with an “A” or “B”, MATH 120 Advanced Algebra I with an “A” and recommendation by the math teacher or a passing score on the Algebra I placement exam given by Althoff.</p> <p><b>Description:</b> In addition to material covered in Advanced Geometry, this course will study Geometry with greater depth. Logic is introduced and deductive thinking is emphasized through two-column proofs. Algebraic skills are stressed in solving geometric problems. The course includes an introduction to analytic geometry.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

## ALGEBRA II

MATH 310	Algebra II*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> MATH 210 Geometry, or completion of Advanced Geometry with a “D”.</p> <p><b>Description:</b> This course includes linear, quadratic polynomial, radical, exponential, logarithmic, and rational functions and relations. Graphing calculator technology is fully integrated throughout this course.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

MATH 320	Advanced Algebra II*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> MATH 220 Advanced Geometry with an “A”, “B”, or “C”.</p> <p><b>Description:</b> This course will include linear, quadratic, polynomial, radical, exponential, logarithmic, and rational functions and relations as well as conic sections. Graphing calculator technology is fully integrated throughout this course.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

MATH 330	Honors Algebra II*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> MATH 230 Honors Geometry with an “A” or “B” and teacher recommendation, OR completion of MATH 220 Advanced Geometry with an “A” and recommendation by the math teacher OR concurrently enrolled in MATH 230 Honors Geometry with an “A” in MATH 130 Honors Algebra I and teacher recommendation.</p> <p><b>Description:</b> In addition to the material covered in Advanced Algebra II, this course will cover linear programming, series and sequences, and probability. Word problems are fully integrated throughout the course.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, projects, and final exam.</p>		

## COLLEGE ALGEBRA & TRIGONOMETRY

<b>MATH 410</b>	<b>Intermediate Algebra &amp; Trigonometry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 310 Algebra II, or completion of MATH 320 Advanced Algebra II with a “D”.</p> <p><b>Description:</b> This course is designed to further develop algebraic skills before College Algebra. This course covers Algebra for the first three quarters and trigonometry for the fourth quarter.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

<b>MATH 420</b>	<b>Advanced College Algebra &amp; Trigonometry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 320 Advanced Algebra II with an “A”, “B”, or “C”.</p> <p><b>Description:</b> Semester 1 This course will provide the essential concepts and skills of algebra and the study of functions that are needed for further study in mathematics. Topics include: linear, quadratic, exponential, logarithmic, rational functions; graphing and sequence and series.</p> <p>Semester 2: This course will include the definition of trigonometry and circular functions, how to find both sides and angles of right and oblique triangles, how to prove and simplify trigonometric functions, graphing the six trigonometric functions, usage of the Laws of Sines and Cosines, domain and range, and half, double, and composite angle formulas.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

<b>MATH 430</b>	<b>Honors College Algebra*<sup>^</sup> &amp; Trigonometry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 330 Honors Algebra II with an “A” or “B” and teacher recommendation, OR completion of MATH 320 Advanced Algebra II with an “A” and recommendation by the math teacher</p> <p><b>Description:</b></p> <p>Semester 1: This course is taught through Saint Louis University’s 1818 dual credit program and is 0.5 credits. This course will include all material in College Algebra, but a special emphasis is given to the preparation for the study of higher mathematics. Topics will also include: conic sections, graphing, domain and range, linear programming, functions, and matrices.</p> <p>Semester 2: All material in trigonometry will be included in this course. Real world applications will be stressed. This semester does not count for SLU credit.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, projects, and final exam.</p>		

**SENIOR ELECTIVE MATH**

<b>MATH 431</b>	<b>Honors Statistics*^</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 430 Honors College Algebra &amp; Trigonometry OR recommendation of math teacher. May be taken concurrently with MATH 432 Honors Calculus.</p> <p><b>Description:</b> This course is taught through Saint Louis University 1818 dual credit program. This course will cover data production and analysis, probability basics and distributions, sampling, estimation with confidence intervals, hypothesis testing, the t-test, correlation and regression, cross-tabulations, and chi-square testing. Students will learn to use the software package Excel and R-Studio.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		
<b>MATH 432</b>	<b>Honors Calculus*^</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> MATH 430 Honors College Algebra &amp; Trigonometry and recommendation of math teacher. May be taken concurrently with MATH 431 Honors Statistics.</p> <p><b>Description:</b> This course is taught through Saint Louis University 1818 dual credit program. In this course students will learn differential and integral calculus and its applications in business and science. Topics such as limits of functions, graphs, exponential and logarithmic functions are also included.</p> <p><b>Student Activities:</b> Note taking, homework assignments, and class participation.</p> <p><b>Student Evaluation:</b> Homework, quizzes, tests, and final exam.</p>		

**SCIENCE DEPARTMENT**

**NCAA courses are denoted with a \* by the course title**  
**SLU 1818 courses are denoted with a ^ by the course title**  
**AVAILABILITY OF COURSES IS SUBJECT TO CHANGE**  
**BASED ON STUDENT ENROLLMENT.**

***Graduation requirement: 3 credit hours***

Integrated Science or Biology (any level) and Chemistry (any level) are both required courses to graduate.  
*Additionally*, students must choose one science elective course to fulfill the third credit requirement.

TYPICAL SCIENCE TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	SCI 110 INTEGRATED SCIENCE	SCI 221 ANIMAL BEHAVIOR SCIENCE / OTHER SCIENCE ELECTIVE	SCI 220 ADVANCED CHEMISTRY	OPTIONAL ELECTIVE
2 A	SCI 120 ADVANCED BIOLOGY -- ENGR 110 INTRO TO ENGINEERING DESIGN**	SCI 220 ADVANCED CHEMISTRY -- ENGR 210/230 DIGITAL ELECTRONICS**	ENGR 310/330 HON PRINCIPLES OF ENGINEERING -- SCI 211 ANIMAL BEHAVIOR SCIENCE	SCI 212 ASTRONOMY
2B	SCI 120 ADVANCED BIOLOGY -- BIOM 110 FORENSIC SCIENCE**	SCI 220 ADVANCED CHEMISTRY -- BIOM 210 MEDICAL TERMINOLOGY & DIAGNOSIS**	SCI 211 ANIMAL BEHAVIOR SCIENCE	SCI 330 HON ANATOMY & PHYSIOLOGY (WITH APPROVAL)
3 A	SCI 130 HONORS BIOLOGY -- ENGR 110 INTRO TO ENGINEERING DESIGN**	SCI 230 HONORS CHEMISTRY -- SCI 212 ASTRONOMY	ENGR 310/330 HON PRINCIPLES OF ENGINEERING -- SCI 331 HON PHYSICS	ENGR 210/230 HONORS DIGITAL ELECTRONICS** -- SCI 332 HON ADVANCED CHEMISTRY
3B	SCI 130 HONORS BIOLOGY -- BIOM 110 FORENSIC SCIENCE**	SCI 230 HONORS CHEMISTRY -- BIOM 210 MEDICAL TERMINOLOGY & DIAGNOSIS**	SCI 330 HON ANATOMY & PHYSIOLOGY -- SCI 213 ENVIRONMENTAL SCIENCE -- SCI 340 AP HONORS BIOLOGY	SCI 331 HON PHYSICS -- SCI 332 HON ADVANCED CHEMISTRY -- SCI 340 AP HONORS BIOLOGY

\*\*Electives may be taken in addition to Integrated Science/Biology or Chemistry. Students will also choose from these to complete their 3<sup>rd</sup> year science requirement. The chart above is an example of typical science tracks our students follow. Please speak with your counselor to arrange a track that works for you.

## \*\*\*REQUIRED SCIENCE COURSES\*\*\*

SCI 110	Integrated Science*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Description:</b> Physical Science explores the big ideas of the physical world with focus on physics, chemistry, biology and Earth and space sciences.</p> <p><b>Student Activities:</b> Students will complete course relevant reading, vocabulary, and assignments. Learning will be supported with labs and activities where applicable.</p> <p><b>Student Evaluation:</b> Vocabulary quizzes, objective tests, creative projects, labs, and a final exam.</p>		
SCI 120	Advanced Biology*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Description:</b> Students will examine the world of biology and cover wide ranges of concepts at a more rigorous level than SCI 101. Students will also examine how biology affects their everyday lives. Study will include both classroom and laboratory work. In the lab, students will have an opportunity to investigate biological concepts and principles, as well as learn basic lab skills and techniques.</p> <p><b>Student Activities:</b> Supplemental classroom work with use of microscopes. <i>NOTE:</i> students may be required to study preserved animal specimens.</p> <p><b>Student Evaluation:</b> Tests, quizzes, homework assignments, laboratory reports, group projects, and final exam.</p>		
SCI 130	Honors Biology*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Description:</b> Students will gain a deeper understanding of course concepts through supplemental classroom work. Students will examine the world of biology and cover wide ranges of concepts at a more rigorous level than SCI 120. Students will also examine how biology affects their everyday lives. Study will include both classroom and laboratory work. In the lab, students will have an opportunity to investigate biological concepts and principles, as well as learn basic lab skills and techniques.</p> <p><b>Student Activities:</b> Use of microscopes and various laboratory activities.</p> <p><b>Student Evaluation:</b> Tests, quizzes, homework assignments, laboratory work, laboratory reports, projects, and final exam.</p> <p><b>NOTE:</b> Students will be required to study preserved animal specimens.</p>		

## \*\*\*REQUIRED SCIENCE COURSES\*\*\*

SCI 220	Advanced Chemistry*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> SCI 120 Advanced Biology, or completion of SCI 130 Honors Biology with a “D”. It is strongly encouraged to have had Algebra 2 or taking concurrently with Chemistry.</p> <p><b>Description:</b> This course consists of a blend of traditional chemistry, modern concepts, and real-world applications at a more rigorous level than SCI 201. Theory, as well as practical applications, is stressed. Content includes energy, states of matter, atomic structure, the periodic table, chemical formulas and bonding, molecular shape, chemical reactions and equations, gas laws, mole conversions, stoichiometry, solutions, and acids and bases.</p> <p><b>Student Activities:</b> Laboratory experiments, view demonstrations, apply mathematical concepts, develop problem solving skills.</p> <p><b>Student Evaluation:</b> Tests, quizzes, homework assignments, laboratory reports, activities, and semester exams.</p>		

SCI 230	Honors Chemistry*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> SCI 130 Honors Biology with an “A” or “B” and teacher recommendation. It is strongly encouraged to have had Algebra 2 or taking concurrently with Chemistry.</p> <p><b>Description:</b> Coursework is the same as SCI 220 Advanced Chemistry, but on an honors level. Chemical concepts and principles will be studied in more detail. A good mathematical background is essential to success in the course due to the large amount of problem solving in class and in the laboratory.</p> <p><b>Student Activities:</b> Laboratory experiments, view demonstrations, apply mathematical concepts, develop problem solving skills.</p> <p><b>Student Evaluation:</b> Tests, quizzes, homework assignments, laboratory reports, activities, and semester exams.</p>		

## \*\*\*ELECTIVE SCIENCE COURSES\*\*\*

BIOM 110	Forensic Science*	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> None.</p> <p><b>Description:</b> This course focuses on practicing forensic science and analyzing evidence found at crime scenes. The fundamental objective is to teach the processes and principles of scientific thinking so as to apply them to solving problems. Students can expect the class to contain lectures on various topics in relation to forensic techniques. Human health and medical-related topics will be covered in conjunction with the crime scene analysis.</p> <p><b>Student Activities:</b> Laboratory activities will be used to simulate real tests on evidence, evidence collection is used to solve a variety of problems.</p> <p><b>Student Evaluation:</b> Tests, quizzes, class participation, homework, in-class projects, case studies, and final exam.</p>		

BIOM 210	Medical Terminology & Diagnosis	ALL YEAR/ 1 credit
<p><b>Prerequisite:</b> Biology and minimum Sophomore year.</p> <p><b>Description:</b> Introduction to Medical Terminology focuses on the essentials of medical terminology, foundational concepts of human anatomy and physiology, and the common medical terms related to the body systems. These important topics help prepare high school students to succeed in future coursework and build confidence to enter a fast-growing career field. This course will not only focus on the terminology but on the proper use of the terminology. By working through projects the students will get to put the terminology to use.</p> <p><b>Student Activities:</b> Lecture supplemented with group and individual projects</p> <p><b>Student Evaluations:</b> Test, quizzes, class participation, in-class projects, case studies, and final exam.</p>		

## \*\*\*ELECTIVE SCIENCE COURSES\*\*\*

<b>ENGR 110</b>	<b>Introduction to Engineering Design*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> None.</p> <p><b>Description:</b> This course exposes students to some of the major concepts they will be exposed to in post-secondary engineering courses. Students have the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based learning. This course challenges students to continually hone their interpersonal skills, creative abilities, and problem-solving skills based upon engineering concepts.</p>		
<b>ENGR 210/230</b>	<b>Digital Electronics*/Honors*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Algebra I and minimum sophomore level.</p> <p><b>Description:</b> From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.</p> <p><b>OFFERED IN ALTERNATE YEARS 2026-2027, 2028-2029, 2030-2031...</b></p>		
<b>ENGR 310/330</b>	<b>Principles of Engineering/Honors*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Algebra II, may be taken concurrently. Offered in alternate years starting in 2023-2024</p> <p><b>Description:</b> Through problems that engage and challenge, students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.</p> <p><b>OFFERED IN ALTERNATE YEARS 2027-2028, 2029-2030, 2031-2032..</b></p>		
<b>SCI 211</b>	<b>Animal Behavior Science</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Successful completion of Biology or a Physical Science.</p> <p><b>Description:</b> The main goal of this course is to examine how and why behavior varies within and among species. Students will dive into the fundamentals of animal behavior. Learning about all aspects of behavior, from decision-making to learning and memory and the evolution of behavior.</p> <p><b>Student Activities:</b> Students will read and analyze published research and complete their own research all while learning the vocabulary and content of their textbook. Documentaries may be used to support learning.</p> <p><b>Student Evaluation:</b> Short essays, vocabulary quizzes, objective tests, creative projects, presentations, and a final exam.</p>		
<b>SCI 212</b>	<b>Astronomy*</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Sophomore status or up.</p> <p><b>Description:</b> Astronomy is a survey course of the universe to include topics of how information is gathered from astronomical distances, how the universe works, constellations, galaxies, and our solar system. Students will also spend the year working on developing good arguments on a variety of questions. Students will also be exposed to new/current events in astronomy and cosmology.</p> <p><b>Student Activities:</b> Brief lectures on various topics, hands-on activities, and projects</p> <p><b>Student Evaluation:</b> Quizzes, class participation, in-class activities/projects, current events assignments, and final exam.</p>		

## \*\*\*ELECTIVE SCIENCE COURSES\*\*\*

<b>SCI 213</b>	<b>Environmental Science*</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Sophomore status or up.</p> <p><b>Description:</b> This course is a diverse course that investigates the relationship between humans and the world in which we live. Areas of study include conservation and protection of natural resources, environment education and communication, and environmental research.</p> <p><b>Student Activities:</b> A variety of laboratory activities including outdoor prairie studies, researching, model building, and problem solving.</p> <p><b>Student Evaluation:</b> Tests, quizzes, written assignments, lab reports, and a final exam.</p>		
<b>SCI 330</b>	<b>Honors Anatomy &amp; Physiology*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Completion of Honors Chemistry with an “A” or “B”, or consent of instructor.</p> <p><b>Description:</b> The topics covered include chemical, cellular, and tissue levels of organization. The course will also take an in depth look at the following systems: integumentary, skeletal, muscular, digestive, urinary, respiratory, cardiovascular, nervous, and endocrine.</p> <p><b>Student Activities:</b> Data collection and analysis, model building, problem solving, and research presentations.</p> <p><b>Student Evaluation:</b> Tests, quizzes, homework assignments, laboratory reports, research project, and semester exams.</p> <p><i>NOTE: Students will be required to study preserved animal specimens.</i></p>		
<b>SCI 331</b>	<b>Honors Physics*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> SCI 230 Honors Chemistry with a “B” or higher, or consent of the instructor.</p> <p><b>Description:</b> This course relies heavily on mathematics and combines theory with practical application. Topics to be covered include mechanics, energy, waves and light, electricity, and magnetism.</p> <p><b>Student Evaluation:</b> Homework problems, tests, activities, and final exam.</p>		
<b>SCI 332</b>	<b>Honors Advanced Chemistry*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> SCI 230 Honors Chemistry with a “B” or higher, or consent of the instructor.</p> <p><b>Description:</b> This course is intended to provide an introduction to college-level expectations of the understanding of general chemistry topics. Students should be able to demonstrate an understanding through written assessment and laboratory techniques.</p> <p><b>Student Activities:</b> Students will perform and report on laboratory experiments.</p> <p><b>Student Evaluation:</b> Tests, laboratory reports, and final exam.</p>		
<b>SCI 340</b>	<b>AP Honors Biology*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> SCI 130 Honors Biology and SCI 230 Honors Chemistry.</p> <p><b>Description:</b> AP Biology is a rigorous college-level, high school course focusing on four core concepts: Evolution, Energetics, Information Storage/Transfer, and System Interactions. The course is designed to emphasize inquiry-based laboratory investigations with the goals of cultivating science practices as well as preparing students for the AP exam. Topics covered include biochemistry, cellular processes, genetics, and ecology.</p> <p><b>Student Activities:</b> Lab Experience: Inquiry-based investigations are mandatory to apply science practices.</p> <p><b>Student Evaluation:</b> Tests, quizzes, class participation, homework, in-class projects, case studies, and final exam.</p>		

## ***SOCIAL STUDIES DEPARTMENT***

**NCAA courses are denoted with a \* by the course title**  
**SLU 1818 courses are denoted with a ^ by the course title**  
**AVAILABILITY OF COURSES IS SUBJECT TO CHANGE**  
**BASED ON STUDENT ENROLLMENT.**

### ***Graduation requirement: 3 credit hours***

*COURSES REQUIRED FOR GRADUATION: Civics and United States History, and a passing score on the IL and US Constitution test at the high school level. This is a state requirement. The 3<sup>rd</sup> credit is your choice; however, World History is strongly recommended.*

TYPICAL SOCIAL STUDIES TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	HIST 110 CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 111 CIVICS II: GOVERNMENT IN ACTION	HIST 210/211 WORLD HISTORY* -- HIST 121 GEOGRAPHY*/ HIST 113 GEOGRAPHY*	HIST 310/311 UNITED STATES HISTORY -- HIST 212/213 CURRENT AFFAIRS*	HIST 212/213 CURRENT AFFAIRS* -- HIST 410 WORLD WARS*/ HIST 411 MODERN US HISTORY*
2	HIST 120 ADVANCED CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 121 ADVANCED CIVICS II: GOVERNMENT IN ACTION	HIST 112/221 ADVANCED WORLD HISTORY* -- HIST 212/213 CURRENT AFFAIRS* -- HIST 112 GEOGRAPHY / HIST 113 CULTURAL GEOGRAPHY*	HIST 320/321 ADVANCED UNITED STATES HISTORY -- HIST 212/213 CURRENT AFFAIRS* -- PSYCH 310 PSYCH 1*/ PSYCH 311 PSYCH II*	HIST 410 WORLD WARS*/ HIST 411 MODERN US HISTORY* -- PSYCH 310 PSYCH 1*/ PSYCH 311 PSYCH II* -- HIST 212/213 CURRENT AFFAIRS*
3	HIST 130 HONORS CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 131 HONORS CIVICS II: GOVERNMENT IN ACTION	HIST 240 AP HONORS WORLD HISTORY* -- HIST 241 AP US GOV'T & POLITICS*/ HIST 242 AP COMPARATIVE POLITICS*	HIST 340 HONORS UNITED STATES HISTORY -- PSYCH 310 PSYCH 1*/ PSYCH 311 PSYCH II*	HIST 440 AP HONORS EUROPEAN HISTORY*

*\*Social Studies electives that are not required social studies credits for graduation. However, they may help you meet your elective credits for graduation.*

## \*\*\*REQUIRED SOCIAL STUDIES COURSES\*\*\*

### CIVICS

<b>HIST 110</b>	<b>Civics I: Constitutional Foundations*</b>	<b>SEM 1 / 0.5 credit</b>
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**Prerequisite:** Recommendation at registration.

**Description:** Constitutional Foundations is a required course that is designed to have students gain an increased understanding of the institutions of constitutional democracy and the fundamental principles and values upon which they are founded. This course will also give students the skills necessary to participate as effective and responsible citizens by having the willingness to use democratic procedures for making decisions and managing conflict. Students in the course are also required by Illinois state law to pass a comprehensive test over the U.S. and Illinois Constitutions.

**Student Activities:** guided note-taking, lecture, small group work, graphic organizers, and classroom discussion.

**Student Evaluation:** Assignments (completion and correctness), vocabulary quizzes, chapter tests, and final exam.

<b>HIST 111</b>	<b>Civics II: Government in Action*</b>	<b>SEM 2 / 0.5 credit</b>
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**Prerequisite:** Recommendation at registration.

**Description:** Government in Action will build upon the content mastered in Civics I. The goal of the second semester is to provide students with a vision of the government's role in the lives of citizens today. Topics like elections, taxes, propaganda, economics, and the criminal justice system are among those covered in this course. This semester also contains a continuous Mock Congress project in which the students will simulate the lawmaking process with their own original ideas during research, billwriting, committee (small group) work, and whole-class debate activities.

**Student Activities:** guided note-taking, lecture, small group work, graphic organizers, classroom discussion, research and reading comprehension.

**Student Evaluation:** Assignments (completion and correctness/effort), vocabulary quizzes, chapter tests, participation, and final exam.

<b>HIST 120</b>	<b>Advanced Civics I: Constitutional Foundations*</b>	<b>SEM 1 / 0.5 credit</b>
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**Prerequisite:** Recommendation at registration.

**Description:** This course is designed to have students gain an analytical understanding of the institutions of constitutional democracy and the fundamental principles upon which they are founded. This course will also give students the skills necessary to participate as effective citizens by using democratic procedures for decision-making and conflict resolution. Students are required by Illinois state law to pass a comprehensive test over the U.S. and Illinois Constitutions.

**Student Activities:** Guided note-taking, lecture, small group work, graphic organizers, and classroom discussion.

**Student Evaluation:** Assignments (correctness and detail), vocabulary quizzes, chapter tests with short-answer components, and a final exam.

<b>HIST 121</b>	<b>Advanced Civics II: Government in Action*</b>	<b>SEM 2 / 0.5 credit</b>
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**Prerequisite:** Recommendation at registration.

**Description:** This course builds upon the content mastered in Civics I. The goal is to provide students with a vision of the government's role in modern society. Topics include elections, taxes, propaganda, economics, and the criminal justice system. This semester includes a continuous Mock Congress project where students simulate the lawmaking process using evidence-based research, bill writing, and whole-class debate.

**Student Activities:** Guided note-taking, lecture, small group work, graphic organizers, classroom discussion, research, and reading comprehension.

**Student Evaluation:** Assignments (correctness and effort), vocabulary quizzes, chapter tests, participation, written project components, and a final exam.

## CIVICS

<b>HIST 130</b>	<b>Honors Civics I: Constitutional Foundations*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Description:</b> This weighted course is designed for students to critically evaluate the institutions of constitutional democracy and the complex values upon which they are founded. Students will examine the historical and legal frameworks of the American system to develop high-level skills for civic participation and conflict management. Students are required by Illinois state law to pass a comprehensive test over the U.S. and Illinois Constitutions at a mastery level.</p> <p><b>Student Activities:</b> Guided note-taking, lecture, small group work, graphic organizers, and analysis-based classroom discussion.</p> <p><b>Student Evaluation:</b> Writing-intensive assignments, vocabulary quizzes, rigorous chapter tests (including essay responses), and a final exam.</p>		

<b>HIST 131</b>	<b>Honors Civics II: Government in Action*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Recommendation at registration.</p> <p><b>Description:</b> This weighted course builds upon the content mastered in Civics I with an emphasis on policy analysis. Students will examine the government's role in daily life through topics such as elections, economics, and the criminal justice system. The semester centers on a Mock Congress project where students simulate the lawmaking process, requiring independent research, formal bill drafting, and persuasive writing during the committee and debate phases.</p> <p><b>Student Activities:</b> Guided note-taking, lecture, small group work, graphic organizers, classroom discussion, research, and advanced reading comprehension.</p> <p><b>Student Evaluation:</b> Assignments (accuracy and depth of analysis), vocabulary quizzes, comprehensive chapter tests, participation in the Mock Congress simulation, and a final exam.</p>		

**WORLD HISTORY**

<b>HIST 210</b>	<b>World History: Prehistory to 1500*</b>	<b>SEM 1/0.5 credit</b>
<p><b>Prerequisite:</b> Sophomore, junior or senior.</p> <p><b>Description:</b> This course presents a chronological and in-depth approach of human history and examines the structure of ancient societies and cultures. This course starts with the development of River valley civilizations and ends at the Age of Exploration. Anthropology, archeology, and geography accompany the cultural study of the ancient Middle East, Africa, Asia, Europe, and the Americas. Related issues and current affairs are also discussed.</p> <p><b>Student Evaluation:</b> Assignments (completion and correctness), quizzes, tests, and final exam.</p>		
<b>HIST 211</b>	<b>World History: 1500 to Modern*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Sophomore, junior or senior.</p> <p><b>Description:</b> This course presents a chronological and in-depth approach to the history and development of modern nations. This course starts with the Enlightenment and ends at the War on Terror. Archeology and geography accompany the cultural study of the Middle East, Africa, Asia, Europe, and the Americas. Related issues and current affairs are also discussed.</p> <p><b>Student Evaluation:</b> Assignments (completion and correctness), quizzes, tests, and final exam.</p>		
<b>HIST 220</b>	<b>Advanced World History: Prehistory to 1500*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite: Sophomore, junior or senior.</b></p> <p><b>Description:</b> This course presents a chronological and in-depth approach of human history and examines the structure of ancient societies and cultures. This course starts with the development of River valley civilizations and ends at the Age of Exploration. Students will have a chance to work with a variety of sources pertaining to the periods discussed. Anthropology, archeology, and geography accompany the cultural study of the ancient Middle East, Africa, Asia, Europe, and the Americas. Related issues and current affairs are also discussed.</p> <p><b>Student Evaluation:</b> Assignments (completion and correctness), quizzes, tests, research project, and final exam.</p>		
<b>HIST 221</b>	<b>Advanced World History: 1500 to Modern*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Sophomore, junior or senior.</p> <p><b>Description:</b> This course presents a chronological and in-depth approach to the history and development of modern nations. This course starts with the Enlightenment and ends at the War on Terror. Students will have a chance to work with a variety of sources pertaining to the periods discussed. Archeology and geography accompany the cultural study of the Middle East, Africa, Asia, Europe, and the Americas. Related issues and current affairs are also discussed.</p> <p><b>Student Evaluation:</b> Assignments (completion and correctness), quizzes, tests, and final exam.</p>		
<b>HIST 240</b>	<b>AP Honors World History: Modern*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> An "A" or "B" in Honors Civics AND Honors Freshman English and/or teacher recommendation.</p> <p><b>Description:</b> This course examines the rise and fall of empires, the evolution of technology, and the cultural and social changes that have shaped our world. Students will build understanding of world history from the 13th Century to the 21st Century through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts. This course will prepare students to take the Advanced Placement test in the Spring through the College Board. Please inform your counselor if you intend on taking the test so you can be registered. This course receives a weighted grade.</p> <p><b>Student Evaluation:</b> Timed quizzes, document-based questions, free-response questions, tests, book reviews, and final exams.</p>		

## UNITED STATES HISTORY

<b>HIST 310</b>	<b>US History: Pre-Columbian to the Civil War*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Junior status and a passing score in previous social studies courses.</p> <p><b>Description:</b> This course provides a basic survey of United States history from the pre-Columbian era through the end of the Civil War. Students will explore the founding of the colonies, the causes of the American Revolution, and the creation of the U.S. Constitution. The curriculum also covers the nation's westward expansion, the growth of the economy, and the significance of slavery in American life. The course concludes by examining the sectional tensions and major events that led to and defined the Civil War.</p> <p><b>Student Activities:</b> Much attention is given to critical thinking skills, development of reading comprehension, writing skills and analysis of primary sources.</p> <p><b>Student Evaluation:</b> Assignments, tests, quizzes, book reviews, research projects, class participation, and final exam.</p>		
<b>HIST 311</b>	<b>United States History: Reconstruction to Present*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Junior status and a passing score in previous social studies courses.</p> <p><b>Description:</b> This course provides a basic survey of United States history from the Reconstruction era following the Civil War to the present day. Students will examine the rise of industrialization, the impact of world wars, and the social changes brought about by the Civil Rights Movement. The curriculum explores America's growth as a global superpower, the challenges of the Great Depression, and the evolution of modern political and economic systems. By the end of the course, students will understand how major social and cultural shifts throughout the 20th and 21st centuries have shaped the contemporary United States.</p> <p><b>Student Activities:</b> Much attention is given to critical thinking skills, development of reading comprehension, writing skills and analysis of primary sources.</p> <p><b>Student Evaluation:</b> Assignments, tests, quizzes, book reviews, research projects, class participation, and final exam.</p>		
<b>HIST 320</b>	<b>Advanced US History: Pre-Columbian to the Civil War*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Junior status and at least a "B" in previous advanced social studies courses or a "C" in previous AP Honors courses.</p> <p><b>Description:</b> This course provides an analytical survey of United States history from the pre-Columbian era through the conclusion of the Civil War. Students will examine the complexities of colonial foundations, the ideological causes of the American Revolution, and the structural debates surrounding the U.S. Constitution. The curriculum emphasizes the interconnectedness of westward expansion, economic industrialization, and the systemic impact of slavery on American society. The course culminates in an in-depth examination of the sectional tensions, political failures, and transformative events that defined the Civil War era.</p> <p><b>Student Evaluation:</b> Unit tests (including short-answer and document-based questions), section quizzes, detailed primary source analysis, written thematic assignments, and a final exam.</p>		
<b>HIST 321</b>	<b>Advanced United States History: Reconstruction to Present*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> Junior status and at least a "B" in previous advanced social studies courses or a "C" in previous AP Honors courses.</p> <p><b>Description:</b> This course examines the forces and issues that shape and affect our lives. Students analyze history through political, economic, intellectual, social, religious, and technological developments and trends. Students consider the impact of individuals and groups on our society, with an emphasis on multicultural studies. This class will move at a faster pace than HIST 310/311.</p> <p><b>Student Activities:</b> Much attention is given to critical thinking skills, development of reading comprehension, writing skills and analysis of primary sources.</p> <p><b>Student Evaluation:</b> Assignments, tests, quizzes, book reviews, research projects, class participation, and final exam.</p>		

***UNITED STATES HISTORY***

<b>HIST 340</b>	<b>AP Honors United States History*</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> An “A” or “B” in HIST 240 AP Honors World History AND ENG 230 Honors Sophomore English and/or recommendation from the student’s World History teacher.</p> <p><b>Description:</b> AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures.</p> <p><b>Student Evaluation:</b> Timed quizzes, document-based questions, free-response questions, unit test, primary source analysis, &amp; final exam</p>		

***SOCIAL STUDIES ELECTIVES***

<b>HIST 112</b>	<b>Geography: Eastern Hemisphere*</b>	<b>SEM 1 / 0.5 credit</b>
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**Prerequisite:** None.

**Description:** This course examines the interconnectedness of people, places, and environments of the Middle East and North Africa (MENA), Sub-Saharan Africa, and the various regions of Asia. Students will analyze how physical geography, culture, politics, economics, ecosystems, and environmental factors shape various regions and influence global issues like migration, urbanization, resource distribution, and climate change, often using geographic tools and analysis methods to understand these complex relationships on a worldwide scale.

**Student Evaluation:** Quizzes, Tests, Projects, Note Taking.

<b>HIST 113</b>	<b>Geography: Western Hemisphere*</b>	<b>SEM 2 / 0.5 credit</b>
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**Prerequisite:** None.

**Description:** This course examines the interconnectedness of people, places, and environments of the Americas, Europe, and Russia. Students will analyze how physical geography, culture, politics, economics, ecosystems, and environmental factors shape various regions and influence global issues like migration, urbanization, resource distribution, and climate change, often using geographic tools and analysis methods to understand these complex relationships on a worldwide scale.

**Student Evaluation:** Quizzes, Tests, Projects, Note Taking.

<b>HIST 212/213</b>	<b>Current Affairs*</b>	<b>SEM 1/2/ 0.5 credit</b>
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**Prerequisite:** Sophomore, Junior, or Senior status.

**Description:** To be an informed and intelligent citizen, a person should study events that occur throughout the world. Current affairs class helps students to become informed about news events and also provides an environment for them to actively discuss the events that impact our society. Students follow world, national, state, and local events, and identify key players within these situations. This course can be taken multiple times.

**Student Activities:** Examination of newspapers, TV news, internet websites, and appropriate videos, class discussion.

**Student Evaluation:** Tests, quizzes, assignments, class participation, and final exam.

<b>HIST 240</b>	<b>AP Honors World History*</b>	<b>SEM 1 / 0.5 credit</b>
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**Prerequisite:** An "A" or "B" in Honors Civics AND Honors Freshman English and/or teacher recommendation.

**Description:** This course examines the rise and fall of empires, the evolution of technology, and the cultural and social changes that have shaped our world. Students will build understanding of world history from the 13th Century to the 21st Century through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts. This course will prepare students to take the Advanced Placement test in the Spring through the College Board. Please inform your counselor if you intend on taking the test so you can be registered. This course receives a weighted grade.

**Student Evaluation:** Timed quizzes, document-based questions, free-response questions, tests, book reviews, and final exams.

***SOCIAL STUDIES ELECTIVES***

<b>HIST 241</b>	<b>AP Honors US Government and Politics*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> An “A” or “B” in HIST 130 Honors Civics I: Constitutional Foundations and ENG 130 Honors Freshman English or being taken concurrently and/or recommendation from the student’s Civics teacher.</p> <p><b>Description:</b> AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. This course will prepare students to take the Advanced Placement test in the Spring through the College Board. Please inform your counselor if you intend on taking the test so you can be registered.</p> <p><b>Student Evaluation:</b> Timed quizzes, unit tests, document-based questions, free-response questions, case reviews, and final exam.</p> <p>***Freshmen and Sophomores may only take 4 honors classes per semester, and juniors and seniors may only take 6.</p>		

<b>HIST 242</b>	<b>AP Comparative Government &amp; Politics*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> An “A” or “B” in HIST 130 Honors Civics I: Constitutional Foundations and ENG 130 Honors Freshman English or being taken concurrently and/or recommendation from the student’s Civics teacher.</p> <p><b>Description:</b> AP Comparative Government and Politics is an introductory college-level course in comparative government and politics. The course uses a comparative approach to examine the political structures; policies and political, economic, and social challenges of six selected countries: China, Iran, Mexico, Nigeria, Russia, and the United Kingdom. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis.</p> <p><b>Student Evaluation:</b> Timed quizzes, unit tests, document-based questions, free-response questions, case reviews, and final exam.</p> <p>***Freshmen and Sophomores may only take 4 honors classes per semester, and juniors and seniors may only take 6.</p>		

***SOCIAL STUDIES ELECTIVES***

<b>HIST 410</b>	<b>World Wars*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Senior status.</p> <p><b>Description:</b> This course is a survey of World War I and II. This course will expand on knowledge gained from basic U.S. History. In depth focus on the cultural, political, and economic challenges faced during the wars will be discussed. Students will closely examine the social, technological, military, and political trends from before, during, and following the wars. Students will gain an understanding of how the world wars set the stage for the modern era.</p> <p><b>Student Activities:</b> Primary sources, class discussions, research projects, lectures, and writing assignments.</p> <p><b>Student Evaluation:</b> Class work, quizzes, tests, projects, writing assignments, and final exam.</p>		
<b>HIST 411</b>	<b>Modern U.S. History*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Senior status.</p> <p><b>Description:</b> This is a heavy project-based course that will expand on the basic U.S. History course, with a concentration on events and trends from World War I to the present. Students are challenged to closely examine major events such as the Cold War, Korea, Vietnam, Watergate, the Civil Rights Movement, the issues today in the Middle East and trends such as scientific and technological changes, and U.S. foreign policy in the modern era. An analysis of the political, social, artistic, environmental, and economic changes of the past sixty years highlight this course.</p> <p><b>Student Activities:</b> Teacher presentations, class discussions, small group work, internet activities, documentaries, primary source documents, readings, and assignments are utilized.</p> <p><b>Student Evaluation:</b> Homework assignments, tests, internet lab activities, in-class group work, other projects, and final exam.</p>		
<b>HIST 440</b>	<b>AP Honors European History*</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> An “A” or “B” in HIST 340 Honors US History and ENG 303 Honors Junior English and/or recommendation from the student’s U.S. History teacher.</p> <p><b>Description:</b> The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. This course will prepare students to take the Advanced Placement European test in the Spring through the College Board. Please inform your counselor if you intend on taking the test so you can be registered. This course receives a weighted grade.</p> <p><b>Student Evaluation:</b> Timed quizzes, document-based questions, free-response questions, tests, book reviews, and final exams.</p>		
<b>PSYCH 310</b>	<b>Psychology I: Introduction to Psychological Theory*</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Junior or Senior status.</p> <p><b>Description:</b> This is a general overview of the many areas involved in psychology in hopes of creating interest in one or more of them. The topics will include history of psychology, psychology as a profession, infancy and child development, adolescence, gerontology, the study of the brain, altered states of consciousness, and sensation and perception.</p> <p><b>Student Activities:</b> Note-taking, group discussions, documentaries on various topics, social experiments, and case studies.</p> <p><b>Student Evaluation:</b> Note-taking ability, section quizzes, chapter tests, small group work, worksheets, and final exam.</p>		
<b>PSYCH 311</b>	<b>Psychology II: Developmental, Social, and Abnormal*</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Junior or Senior status.</p> <p><b>Description:</b> This course will extend and continue the General Psychology I class. Topics include: memory and thought, thinking and language, motivation and emotion, psychological testing, conditioning, theories of personality, stress and health, psychological disorders, and psychological therapy.</p> <p><b>Student Activities:</b> Note-taking, group discussions, documentaries on various topics, social experiments, and case studies.</p> <p><b>Student Evaluation:</b> Note-taking ability, section quizzes, chapter tests, small group work, worksheets, and final exam.</p>		

## ADDITIONAL REQUIRED COURSES

**Graduation requirement: 4 P.E. credits = (7.5 semesters) and Health (0.5 credit).**

HLTH 110/111	Health	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> NONE</p> <p><b>Description:</b> The Health Education program at Althoff Catholic hopes to make students aware of health-related topics that can affect the quality of their life. The topics covered are nutrition, mental health, communicable and noncommunicable diseases, and reproduction. Anatomy is taught when appropriate.</p> <p><b>Students Activities:</b> Lectures, discussions, group projects, audio-visual materials, professional speakers, and use of contemporary materials (newspapers, magazines, TV programs).</p> <p><b>Student Evaluation:</b> Tests, quizzes, written assignments, and semester exam.</p>		

PE 110/111	Physical Education SEM 1/2	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> NONE</p> <p><b>Student Activities:</b> Students will participate in team sports: basketball, volleyball, soccer, flag-football, softball; individual sports: badminton, paddle tennis, tennis; and physical fitness: weightlifting, calisthenics, aerobics, walking.</p> <p><b>Student Evaluation:</b> Participation and cooperation.</p> <p><b>NOTE: P.E. grade is included in cumulative GPA.</b></p>		

PE 112/113	Fitness & Weight Training SEM 1/2	SEM 1/2 / 0.5 credit
<p><b>Description:</b> This course is designed to introduce students to the fundamental principles of physical fitness and the proper techniques of weight training. Students will explore the five components of fitness: muscular strength, muscular endurance, cardiovascular endurance, flexibility, and body composition. The curriculum emphasizes weight room safety, proper lifting mechanics, and the identification of major muscle groups. Throughout the semester, students will learn how to use free weights, resistance machines, and cardiovascular equipment to improve their personal fitness levels and develop healthy, lifelong exercise habits.</p> <p><b>Student Activities:</b> Guided technique demonstrations, daily lifting logs, cardiovascular conditioning, flexibility routines, and small group circuit training.</p> <p><b>Student Evaluation:</b> Participation and effort, technique assessments (form checks), and fitness goal tracking, .</p>		

*Driver Education is not required for graduation. You may elect to take it at Althoff Catholic using My Tutor Driving School for an additional fee. This is the only course that is offered on a quarter basis and is paired with P.E. for the other quarter which will meet 0.5 credits toward the P.E. requirement. Please sign up for the quarter in which you will turn 15.*

DRVED 111/112/113/114	Driver Education	QRTR 1/2/3/4 0.25 credit
<p><b>Description:</b> This course is offered through My Tutor Driving School and is licensed by the Illinois Secretary of State to provide classroom and driving instruction for teens. This program fulfills all state requirements for an individual to obtain an Illinois Driver License.</p> <p><b>NOTE: This class, because it is given through My Tutor Driving School, includes an additional cost to the normal tuition fees and must be paid in full by the first day of class. You can find more information by visiting <a href="http://www.mytutorlearning.com">www.mytutorlearning.com</a>.</b></p>		

## ***MUSIC DEPARTMENT***

**Graduation requirement: NONE (courses may fulfill Fine Art credit requirement)**

INSTRUMENT RENTAL: Halpin Music Company (618) 462-0661

Instruments may be rented from Althoff Catholic High School based on need and availability at no cost, see the Band Director for more information.

The Althoff Catholic High School Music Department is dedicated to providing a comprehensive, high quality music education that fosters creativity, builds community, and inspires a lifelong love of music. Each ensemble performs a minimum of two (2) formal concerts per year, as well as participates in Honor Festivals and Professional Performance opportunities.

LITURGICAL CHOIR – This is a club activity. The choir meets Wednesday mornings before school from 8-9 a.m. All are welcome.

<b>BAND 110</b>	<b>Crusader Band</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisites:</b> Willingness to learn an instrument, if one cannot be rented, please reach out to the Band Director and one can be provided based on availability.</p> <p><b>Description:</b> The Althoff Catholic High School Crusader Band provides students with an opportunity to learn a new instrument, or continue in one that they already have prior experience on. Students will go through an accelerated beginning band program and will learn basic instrumental techniques. Any student at Althoff Catholic High School at any/beginning skill level is welcome to join this course. Current band students may join to play another instrument.</p> <p><b>Student Activities:</b> Demonstrate basic instrumental technique, as well as proper playing etiquette, perform with basic tone quality and controlled intonation, understand and adhere to concert etiquette and performance professionalism.</p> <p><b>Student Evaluation:</b> Class and Concert participation.</p>		
<b>BAND 210</b>	<b>Concert Band</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Previous band experience preferred. Students must own/rent an instrument. If one cannot be rented, please reach out to the Band Director and one can be provided based on availability.</p> <p><b>Description:</b> The Althoff Catholic High School Concert Band provides students with an opportunity to develop advanced instrumental techniques, music theory knowledge, and ensemble musicianship.</p> <p><b>Student Activities:</b> Demonstrate proficient instrumental technique on their respective instruments, perform with a characteristic tone quality and controlled intonation and understand and adhere to concert etiquette and performance professionalism.</p> <p><b>Student Evaluation:</b> Class and Concert participation.</p>		
<b>BAND 211</b>	<b>ACHS Pep Band</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Enrollment in Concert Band 210. In special circumstances, students may join via the approval of the Band Director.</p> <p><b>Description:</b> The Althoff Catholic High School Pep Band is an extension of Band 201 (Concert Band). This ensemble provides students with the opportunity to perform a variety of music and playing styles. The pep band also performs at home football games and any athletic event as needed.</p> <p><b>Student Activities:</b> Demonstrate high levels of musicality and expressiveness during performances, perform with enthusiasm and energy, conveying the spirit of the ACHS Pep Band, and understand and appreciate different musical styles and genres performed by the pep band.</p> <p><b>Student Evaluation:</b> Class and Performance participation. As the most visual performing ensemble at ACHS, all student professionalism will also be evaluated into the final grade.</p>		

***MUSIC DEPARTMENT***

<b>BAND 212</b>	<b>Jazz Band</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Previous or current enrollment in BAND 210. In special circumstances, students may join via the approval of the Band Director.</p> <p><b>Description:</b> The Althoff Catholic High School Jazz Band is a performing ensemble, stylized in the modern big band setting. Developing skills such as playing, singing or vocalizing, harmony, rhythm and style interpretation through many styles of music.</p> <p><b>Student Activities:</b> Demonstrate high levels of musicality and expressiveness during performances, perform with enthusiasm and energy. While studying broader styles of music including Swing, Rock, Blues, Latin, Funk, and Modern Fusion.</p> <p><b>Student Evaluation:</b> Class and Performance participation.</p>		

<b>CHR 101</b>	<b>Concert Choir</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> None</p> <p><b>Description:</b> Students will learn proper technique, relevant contemporary works, culturally significant works, and other elements of singing and performing with the voice.</p>		

## ART DEPARTMENT

**Graduation requirement: NONE (courses may fulfill Fine Art requirement)**

TYPICAL ART TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
GENERAL	S1 ART 110 DRAWING -- S2 ART 111 CERAMICS	S1 ART 210/211 ART II DRAWING & PAINTING -- S2 ART 311 ADVANCED PAINTING	S1 ART 310 ADVANCED DRAWING -- S2 ART 311 ADVANCED PAINTING	S1 ART 312/312 ADVANCED SCULPTURE/ -- S2 ART 431 INDEPENDENT 3D ART
2D ART	S1 ART 110 DRAWING -- S2ART 111 CERAMICS	S1 ART 210/211 ART II DRAWING & PAINTING -- S2 ART 311 ADVANCED PAINTING	S1 ART 310 ADVANCED DRAWING -- S2 ART 420/421 2D INDEPENDENT ART	S1 ART 410 2D INDEPENDENT ART -- S2 ART 420/421 2D INDEPENDENT ART
3D ART	S1 ART 110 DRAWING -- S2ART 111 CERAMICS	S1 ART 212/213/213 ART II CERAMICS -- S2 ART 332 ADV SCULPTURE	S1 ART 422/433 INDEPENDENT 3D ART -- S2 ART 431 INDEPENDENT 3D ART	S1 ART 430 HONORS ART APPRECIATION I -- S2 ART 431 HONORS ART APPRECIATION II

\*\*\*Tracks can vary. This is just an example of some options. Please discuss other options with your counselor.

### ART I

ART 110	Art I Drawing	SEM 1 / 0.5 credit
<p><b>Prerequisite:</b> NONE</p> <p><b>Description:</b> Beginning Drawing is designed to aid the student in an understanding of the elements and principles of art as they apply to two-dimensional drawing and design.</p> <p><b>Student Activities:</b> Students will develop this knowledge through use of a wide variety of media and hands on activities including drawing, painting, pastels, pen, and ink as well as art history and aesthetics.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p>		

ART 111	Art I Ceramics & Pottery	SEM 2 / 0.5 credit
<p><b>Prerequisite:</b> NONE</p> <p><b>Description:</b> This course is the introductory course of study to understand the application of the elements and principles of art and how they relate to three-dimensional artwork.</p> <p><b>Student Activities:</b> Special emphasis will be placed on craftsmanship, form, function, texture, and color through the clay medium. Students will explore clay primarily but will not be limited to clay as a medium, including sculpture, hand building and wheel thrown potter.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p>		

## ART 2

<b>ART 210/211</b>	<b>Art II Drawing &amp; Painting</b>	<b>SEM 1/2 / 0.5 credit</b>
<p><b>Prerequisite:</b> ART 110 Art I Drawing.</p> <p><b>Description:</b> This course is designed to further apply the elements and principles of design involved with the specific art disciplines. The goal of this course also includes furthering the technical requirements of particular art disciplines. The Art II courses are one semester in length but are comprised of two disciplines. Each discipline will be explored for approximately one quarter.</p> <p><b>Student Activities:</b> Drawing and painting with various media. Students will focus on technique value and color, color theory, and paint mixing applications.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Assessment of grades will be assigned on a per project basis. Projects and skills necessary will vary.</p>		
<b>ART 212/213</b>	<b>Art II Ceramics, Sculpture, &amp; Pottery</b>	<b>SEM 1/2 / 0.5 credit</b>
<p><b>Prerequisite:</b> ART 111 Art I Ceramics &amp; Pottery.</p> <p><b>Description:</b> This course is designed to further apply the elements and principles of design involved with the specific art disciplines. The goal of this course also includes furthering the technical requirements of particular art disciplines. The Art II courses are one semester in length but are comprised of two disciplines. Each discipline will be explored for approximately one quarter.</p> <p><b>Student Activities:</b> Ceramic hand building, wheel made, and modeling techniques in clay.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Assessment of grades will be assigned on a per project basis. Projects and skills necessary will vary.</p>		

## ART 3

<b>ART 310</b>	<b>Advanced Drawing</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> ART 210 or ART 211 Art II Drawing &amp; Painting.</p> <p><b>Description:</b> Advanced Art is designed for continued exploration into the technical and aesthetic challenges inherent in specific media.</p> <p><b>Student Activities:</b> Students will be encouraged to work more independently by contracting specific assignments. These classes are studio oriented but will require some art historical research.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p>		
<b>ART 311</b>	<b>Advanced Painting</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> ART 210 or ART 211 Art II Drawing &amp; Painting.</p> <p><b>Description:</b> Advanced Art is designed for continued exploration into the technical and aesthetic challenges inherent in specific media.</p> <p><b>Student Activities:</b> Students will be encouraged to work more independently by contracting specific assignments. These classes are studio oriented but will require some art historical research.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p>		
<b>ART 312/312</b>	<b>Adv. Sculpture, Ceramics, &amp; Pottery</b>	<b>SEM 1/2 / 0.5 credit</b>
<p><b>Prerequisite:</b> ART 212 or ART 213 Art II Ceramics, Sculpture, &amp; Pottery.</p> <p><b>Description:</b> Advanced Art is designed for continued exploration into the technical and aesthetic challenges inherent in specific media.</p> <p><b>Student Activities:</b> Students will be encouraged to work more independently by contracting specific assignments. These classes are studio oriented but will require some art historical research.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p>		

## ART 4

ART 420/421	Advanced Independent Studies in 2D Art	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> ART 310 Advanced Drawing AND ART 311 Advanced Painting, and permission of the instructor.</p> <p><b>Description:</b> Independent studies in 2-dimensional art is designed for the student strongly considering a career in art or possible college art major. Students should be well versed in technical accomplishments in a variety of drawing and painting media. Students will explore his/her choice of subject and content under the scrutiny of the instructor. This is a college level course in studio art.</p> <p><b>Student Activities:</b> Students will explore and pursue a body of independent 2-dimensional work of the student's choice with special emphasis on content and self-expression. Students will be responsible for no less than 8 works of large scale or more ambitious 2-dimensional concerns with a thematic focus.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects. Projects and skills necessary will vary.</p> <p><b>NOTE: These classes may be repeated with the permission of the instructor.</b></p>		
ART 422/423	Advanced Independent Studies in 3D Art	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> Completion of Advanced Ceramics and permission of the instructor.</p> <p><b>Description:</b> Independent studies in 3-dimensional art is designed for the student strongly considering a career in art or possible college art major. Students should be well versed in technical accomplishments of ceramic techniques and applications. Student will explore his/her choice of subject and content and formal relations under the scrutiny of the instructor. This is a college level course in 3-dimensional studio art.</p> <p><b>Student Evaluation:</b> Proficiency, expertise, and work ethic in meeting the requirements of specific art projects.</p> <p><b>NOTE: These classes may be repeated with the permission of the instructor.</b></p>		
ART 430/431	Honors Independent Studies in 2D Art	SEM 1/2 / 0.5 credit
<p><b>Description:</b> This Honors-level course is a deep dive into the creative abyss, specifically designed for the student seriously contemplating a career in the arts or the glorious chaos of a college art major. Reserved for those already well-versed in the technical wizardry of drawing and painting, this course moves beyond mere practice and into the realm of professional studio artistry. Under the relentless yet supportive scrutiny of the instructor, students will explore their chosen subjects with a level of sophistication that matches a collegiate environment. This is where "making art" evolves into "mastering a craft."</p> <p><b>Student Activities:</b> Students will courageously pursue an independent body of 2-dimensional work, placing a heavy emphasis on profound content and the occasionally messy process of self-expression. Participants are responsible for producing no less than 8 ambitious, large-scale works that must adhere to a cohesive thematic focus—proving that they have both the vision to start a series and the grit to actually finish it.</p> <p><b>Student Evaluation:</b> Evaluation is based on professional-grade proficiency, technical expertise, and a work ethic robust enough to survive a high-pressure studio environment. While the specific skills and projects will vary based on the student's focus, the standard for excellence remains consistently high (and the coffee/paint water ratio must be strictly maintained).</p>		
ART 432/433	Honors Independent Studies in 3D Art	SEM 1/2 / 0.5 credit
<p><b>Description:</b> This Honors-level course is a high-stakes exploration of form and space, specifically tailored for the student contemplating a professional career in the arts or the structural challenges of a college art major. Reserved for those already well-versed in the technical wizardry of ceramic techniques and glaze applications, this course moves beyond the basics and into the realm of professional 3-dimensional studio artistry. Under the relentless (but expert) scrutiny of the instructor, students will explore their chosen subjects and formal relations with a level of sophistication that mirrors a collegiate studio. This is where "throwing clay" becomes a disciplined study of architectural and organic sculpture.</p> <p><b>Student Activities:</b> Students will pursue an ambitious, independent body of 3-dimensional work with an emphasis on technical mastery and conceptual depth. Participants are responsible for a cohesive portfolio of large-scale or thematically complex sculptural works—proving they have the patience to build, the skill to refine, and the nerves to survive the final firing.</p> <p><b>Student Evaluation:</b> Evaluation is rooted in professional-grade proficiency, technical expertise, and a work ethic robust enough to handle the physical demands of a high-pressure studio environment. While projects will vary based on the student's vision, the standard for excellence remains as solid as a well-fired stoneware (and the ability to handle a "kiln disaster" with grace is highly encouraged).</p> <p><b>NOTE: This course may be repeated with the permission of the instructor for those who simply haven't had enough of the mud.</b></p>		

*ART APPRECIATION*

<b>ART 430</b>	<b>Honors Art Appreciation Ancient Greece to 1850</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> Completion of AP Honors World History recommended.</p> <p><b>Description:</b> This course is designed to expose the student to a broad variety of artwork, historical consideration and cultural implications that have shaped art in the western world for the last 30,000 years or so. The basic goal of this course is to instill an understanding of and appreciation for the human need for artistic expression, develop an understanding of the materials, techniques, and concepts utilized over the centuries that artists have employed in creating art, as well as how those are shaping and have shaped and reflected our culture and existence.</p> <p><b>Student Activities:</b> Students will study and view works of art through a variety of resources including but not limited to slides, text, the Internet, and the art museum.</p> <p><b>Student Evaluation:</b> Research papers, tests, outside assignments, and quizzes. Recommended to be taken concurrently with AP Honors European History.</p>		
<b>ART 431</b>	<b>Honors Modern Art Appreciation 1850-Present</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> Completion of AP Honors World History recommended.</p> <p><b>Description:</b> This course is designed to explore the history of artistic trends that have shaped the cultural face of the western world since the late 19th century. This course will continue an exploration into the uses of twentieth century technology and ideas applied to the age-old need of humans for self-expression. The class will begin in the pivotal period following impressionism and trace trends in fine arts, painting, sculpture, and architecture up to the current period of the eclectic post-modernist era of the 21st century.</p> <p><b>Student Activities:</b> Students will study and view works of art through a variety of resources including but not limited to slides, text, the Internet, and various art museums and sculpture parks.</p> <p><b>Student Evaluation:</b> Research papers, tests, outside assignments, and quizzes. Recommended to be taken concurrently with AP Honors European History.</p>		

## ***CAREER & TECHNICAL EDUCATION CLASSES***

*Career and Technical Education (CTE) at our school is designed to bridge the gap between academic theory and real-world application. Aligned with Illinois State Board of Education standards, these courses empower students to develop high-demand technical skills, professional "soft skills," and industry insights. By integrating hands-on projects with community partnerships, we prepare students to navigate postsecondary education and the modern workforce with confidence and a competitive edge.*

### ***FINANCE & BUSINESS SERVICES***

#### **Focus: Entrepreneurship, Management, and Economic Strategy**

- Principles of Business (BUS 101): An introduction to the global economy, business organization, and operational technology.
- Business Management (BUS 111): A study of the free enterprise system, finance, and management theory, with a focus on entrepreneurship.
- AP Honors Business with Personal Finance (CTE 341): A high-level blend of strategic management and personal wealth mastery, including investment vehicles and tax strategy.
- Business Practicum 1 & 2 (CTE 310/311 & BUS 152): Simulation-based courses covering leadership, ethics, and data science/machine learning applications.
- Honors CEO Entrepreneurship (CTE 430): A year-long immersion program held in local boardrooms where students launch their own legitimate businesses and interface with area CEOs.
- Consumers Education (CTE 116-119): A graduation-required financial literacy course covering budgeting, banking, credit, and insurance.

### ***INFORMATION TECHNOLOGY***

#### **Focus: Systems Security, Data Protection, and Digital Ethics**

- AP Honors Cybersecurity (CTE 340): An intensive study of protecting digital infrastructure, focusing on the "CIA" triad (Confidentiality, Integrity, and Availability) and "white hat" hacking ethics.

### ***ARTS, AV TECHNOLOGY, AND COMMUNICATIONS***

#### **Focus: Media Production, Journalism, and Collaborative Design**

- Broadcasting (BRD 101): An introduction to the principles and techniques of television production and media procedures.
- Yearbook/Honors (YB 101/303): A project-based journalism course where students manage the photography, design, and publishing of the school's official annual record.

### ***HUMAN AND PUBLIC SERVICES***

#### **Focus: Educational Leadership and Community Development**

- Early Childhood/Senior School Partnership Program (CTE 410): A clinical experience for seniors to serve as classroom aides in local elementary schools, developing leadership and pedagogical skills.

### ***INTERDISCIPLINARY EXPLORATION***

- Career Pathways (CTE 210/211): A seminar-style course featuring guest professionals from the community to help students explore diverse career routines and educational prerequisites.

## CAREER & TECHNICAL EDUCATION CLASSES

<b>CTE 110/111</b>	<b>Principles of Business</b>	<b>SEM 1 / 0.5 credit</b>
<p><b>Prerequisite:</b> None  <b>Description:</b> This course will help students learn the basic aspects of business in the global economy, business organization and management, and business operations and technology.  <b>Student Activities:</b> Textbook related assignments, internet projects, and group work.  <b>Student Evaluation:</b> Class assignments, projects, quizzes, and final exam.</p>		
<b>CTE 112/113</b>	<b>Business Management</b>	<b>SEM 2 / 0.5 credit</b>
<p><b>Prerequisite:</b> None.  <b>Description:</b> This course covers business organization in the free enterprise system, internal organization, finance, purchasing, and pricing procedures, marketing, and management theory. Instruction focuses on the functions and tasks associated with owning and operating a business (entrepreneurship). Class projects may be used to provide a better understanding of the decisions made in management.  <b>Student Activities:</b> Textbook-related assignments, internet assignments, class project.  <b>Student Evaluation:</b> Daily assignments, chapter quizzes and tests, projects, and final exam.</p>		
<b>CTE 114</b>	<b>Broadcasting</b>	<b>ALL YEAR/ 1 credit</b>
<p><b>Prerequisite:</b> NONE  <b>Description:</b> This course is an introduction to the basic principles, procedures, and techniques of television production. Students may take this course multiple times.  <b>Student Evaluation:</b> Class participation, quizzes, and tests.</p>		
<b>CTE 115/330</b>	<b>Yearbook/Honors</b>	<b>ALL YEAR / 1 credit</b>
<p><b>Prerequisite:</b> Honors English, flexible schedule, teacher recommendation, and/or approval of the teacher.  <b>Description:</b> The Yearbook class is a hands-on, project-based course where students learn the fundamentals of journalism, photography, design, and publishing while creating the school's yearbook. Students collaborate as a staff to capture and preserve the story of the school year through photos, writing, and layout design. The course emphasizes responsibility, creativity, and teamwork as students take ownership of a published product that represents the entire school community.  <b>Activities:</b> Attending and photographing school events, both during and outside of school hours; writing and editing captions, stories, and headlines; designing and formatting yearbook pages using publishing software; conducting student and staff interviews; organizing and meeting deadlines for yearbook production; promoting and selling the yearbook to the school community  <b>Assessments:</b> Students will be assessed on their participation, creativity, and reliability as members of the yearbook staff. Evaluation will be based on: Quality and completion of assigned pages and projects; meeting deadlines and production goals; contributions to photography, writing, and design; collaboration and teamwork within the class; professionalism during in-class work and at out-of-school events</p>		
<b>CTE 116/117/118/119</b>	<b>Consumers Education</b>	<b>QRTR 1/2/3/4 0.25 credit</b>
<p><b>Prerequisite:</b> none.  <b>Description:</b> This course is required for graduation. Starting in the 2026-2027 school year it is being realigned with the state standards to be offered on a quarter basis. This course may be taken on the opposite side of a PE course or Driver's Ed if there is one offered the same hour.  This is a financial literacy course required by the state that covers budgeting, banking, credit, insurance, and car buying.  <b>Student Evaluation:</b> Handouts, quizzes, and tests.</p>		

## CAREER & TECHNICAL EDUCATION CLASSES

CTE 210/211	Career Pathways	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> None.</p> <p><b>Description:</b> "Career Pathways" is a dynamic Business class designed to bridge the gap between academic knowledge and real-world insights. This course invites distinguished members of the Althoff community to engage with current Althoff students in candid discussions about diverse professions.</p> <p><b>Student Activities:</b> In-depth exploration of the daily routines and responsibilities of professionals across a spectrum of fields, acquire industry-specific terminology, explore the educational and experiential prerequisites necessary to pursue careers in different fields, students will develop appropriate verbal and written communication skills through small group and individual interaction with visiting professionals. "Career Pathways" combines interactive seminars, panel discussions, and Q&amp;A sessions, providing a unique opportunity to connect with professionals who have excelled in their respective domains. Upon completion of this course, students will be equipped with a comprehensive understanding of various career options, enabling them to make informed decisions about their academic and professional journey.</p> <p><b>Student Evaluation:</b> Evaluations, projects, and assignments.</p>		
CTE 310/311	Business Practicum 1	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> BUS 110/111 or BUS 112/113.</p> <p><b>Description:</b> This simulation based course provides students with an opportunity to continue learning about and applying fundamental business concepts such as finance, economics, human resources, commercial operations, supply chain, leadership, and strategy. In addition, students will be expected to understand ways that ethics, corporate social responsibility, diversity, teamwork, and globalization impact the current business environment.</p> <p><b>Student Activities:</b> Textbook-related assignments, internet assignments, class project.</p> <p><b>Student Evaluation:</b> Daily assignments, chapter quizzes and tests, projects, and final exam.</p>		
CTE 312/313	Business Practicum 2	SEM 1/2 / 0.5 credit
<p><b>Prerequisite:</b> BUS 310/311 and teacher recommendation</p> <p><b>Description:</b> This is an introduction to data science and machine learning methodologies, theory, mathematics, and real-world applications in making predictions, forecasting, statistical analysis, and optimization. Emphasis on hands-on coding labs/exercises and the development and execution of analytical business use-cases.</p> <p><b>Student Activities:</b> Textbook-related assignments, internet assignments, class project.</p> <p><b>Student Evaluation:</b> Daily assignments, chapter quizzes and tests, projects, and final exam.</p>		

**CAREER & TECHNICAL EDUCATION CLASSES**

CTE 340	AP Honors Cybersecurity	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Junior or senior status with experience in honors or AP level courses.</p> <p><b>Description:</b> AP Cybersecurity introduces students to the high-stakes world of protecting data, networks, and systems. The course covers the "Cybersecurity Lifecycle," focusing on the Confidentiality, Integrity, and Availability (CIA) triad. Students will explore the ethics of "white hat" hacking, the architecture of secure systems, and the legal implications of data breaches. This course prepares students for the AP exam while providing hands-on experience in identifying vulnerabilities and defending against evolving digital threats.</p> <p><b>Potential Examples of Student Activities:</b> Packet Sniffing Labs: Using tools like Wireshark to analyze network traffic and identify unencrypted data.</p> <ul style="list-style-type: none"> <li>• Red Team/Blue Team Simulations: Collaborative exercises where students take turns attacking and defending a sandbox network environment.</li> <li>• Cryptographic Challenges: Encoding and decoding messages using various encryption standards, from historical ciphers to modern public-key infrastructure (PKI).</li> <li>• Case Study Deep-Dives: Analyzing real-world breaches (e.g., SolarWinds or colonial pipeline) to identify the "kill chain" of the attack.</li> </ul> <p><b>Potential Examples of Student Evaluation:</b></p> <ul style="list-style-type: none"> <li>• Technical Lab Reports: Detailed documentation of network configurations and security audits.</li> <li>• Quarterly Capture the Flag (CTF) Competitions: Performance-based assessments where students solve security puzzles to earn points.</li> <li>• Unit Exams: Multiple-choice and free-response questions modeled after the AP format.</li> <li>• Ethics &amp; Policy Portfolio: A written synthesis of the moral dilemmas inherent in digital surveillance and data privacy.</li> </ul>		

CTE 341	AP Honors Business with Personal Finance	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Successful completion of Algebra II. No prior business experience is required, though a curiosity about global markets is encouraged.</p> <p><b>Description:</b> This course blends the strategic rigor of business management with the essential life skills of personal financial literacy. Students will study the lifecycle of a business—from entrepreneurship and marketing to organizational behavior—while simultaneously mastering personal wealth management. Topics include the time value of money, investment vehicles (stocks, bonds, ETFs), tax strategy, and the macroeconomic factors that influence both corporate success and household stability.</p> <p><b>Potential Examples of Student Activities:</b></p> <ul style="list-style-type: none"> <li>• The Startup Pitch: Developing a comprehensive business plan and "pitching" it to a panel of local entrepreneurs (Shark Tank style).</li> <li>• Virtual Stock Market Challenge: Managing a simulated \$100,000 portfolio, tracking gains/losses against the S&amp;P 500.</li> <li>• Budgeting Simulations: Role-playing various life stages (entry-level worker, family head, retiree) to navigate real-world expenses and debt management.</li> <li>• Marketing Audit: Analyzing the branding and consumer psychology of a chosen Fortune 500 company.</li> </ul> <p><b>Potential Examples of Student Evaluation:</b></p> <ul style="list-style-type: none"> <li>• Personal Financial Blueprint: A summative project where students build a 10-year financial plan, including student loan management and retirement goals.</li> <li>• Business Case Analysis: Written assessments requiring students to solve management problems for a failing hypothetical firm.</li> <li>• Quantitative Quizzes: Focused on interest rate calculations, ROI, and break-even analysis.</li> <li>• The AP Capstone Project: A research-heavy presentation on a current trend in the global business market (e.g., the impact of AI on labor productivity).</li> </ul>		

## CAREER & TECHNICAL EDUCATION CLASSES

CTE 410	Senior School Partnership Program	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Senior status and interest in education or community service.</p> <p><b>Description:</b> The Senior School Partnership Support Program offers high school seniors a unique opportunity to serve in local Catholic elementary classrooms while earning high school credit. This initiative is specifically designed for students interested in pursuing careers in education, providing them with meaningful, real-world experience. Participants will develop leadership, communication, and professional skills while supporting younger students academically, socially, and spiritually. Placements are determined based on elementary school needs, student strengths, and scheduling, with roles ranging from preschool or classroom aides to individual tutors. Note: Due to geographic limitations, placements may not be available at all elementary schools.</p> <p><b>Student Activities:</b> Students will assist during the first or last hour of the school day by working with small groups, providing one-on-one instruction, and preparing classroom materials. They will also support teachers with classroom routines, transitions, and student supervision.</p> <p><b>Student Evaluation:</b> Evaluation is based on professional conduct, punctuality, and the maintenance of excellent attendance. Students are required to follow all school policies and maintain clear, consistent communication with both their supervising teacher and the high school program coordinator regarding their schedule and any absences.</p>		

CTE 430	Honors CEO Entrepreneurship	ALL YEAR / 2 credits
<p><b>Prerequisites:</b> Open to seniors:</p> <ul style="list-style-type: none"> <li>• Selection: Rigorous application process including teacher recommendations, a written personal statement, and an entrepreneurial profile assessment.</li> <li>• Commitment: Students must have their own transportation. The class meets off-site at various local businesses daily from 7:30 AM to 9:00 AM or a few attend the second session 9:30 AM to 11:00 AM.</li> </ul> <p><b>Description of Course</b> Belleville CEO is a year-long honors program that shifts the seat of learning from the classroom to the boardroom. Instead of textbooks, students use the local business community as their laboratory. The course covers the essential pillars of business: supply and demand, cost/benefit analysis, competitive advantage, and financial record-keeping (income statements, balance sheets, and cash flow). Students earn two high school credits and have the option to earn four dual-college credits through Southwestern Illinois College (SWIC) in Management and Entrepreneurship.</p> <p><b>Student Activities</b></p> <ul style="list-style-type: none"> <li>• <b>The "Class Business":</b> In the first semester, the entire cohort must collaborate to launch a collective business. They must secure seed money, manage a budget, and execute a profitable event or product launch as a team.</li> <li>• <b>Site Visits &amp; Guest Speakers:</b> Students visit over 40–50 area businesses annually and interface with nearly as many guest speakers, ranging from CEOs of major corporations to local "mom-and-pop" entrepreneurs.</li> <li>• <b>One-on-One Mentorship:</b> Every student is paired with a local business professional who provides guidance on their individual business plans and professional development.</li> <li>• <b>The Individual Startup:</b> Every student conceptualizes, funds, and operates their own legitimate business.</li> <li>• <b>The Annual Trade Show:</b> A capstone event held in April where students set up professional booths to pitch and sell their products/services to hundreds of community members and investors.</li> </ul> <p><b>Student Evaluations</b></p> <ul style="list-style-type: none"> <li>• <b>Professionalism Rubric:</b> Students are graded on "soft skills" including punctuality, dress code (business professional), communication etiquette, and networking ability.</li> <li>• <b>Business Plan Portfolio:</b> A comprehensive, investor-ready document detailing the student's individual business model, marketing strategy, and financial projections.</li> <li>• <b>Reflection Journals:</b> Daily or weekly logs analyzing the "life lessons" learned from business visits and guest speakers.</li> <li>• <b>The Trade Show Performance:</b> Evaluation of the student's ability to present their brand, handle customer inquiries, and demonstrate the viability of their business under real-world pressure.</li> </ul>		

## **WORLD LANGUAGES DEPARTMENT**

**Graduation requirement: NONE (courses may fulfill Fine Art credit requirement)**

Any student with average or above average reading and English skills may enroll in level 1 of a language. **Students are encouraged to take a two-year sequence. Most universities require two years of the same foreign language. One year does not fulfill many college requirements.** A student who chooses level 3 is expected to take level 4. One credit can be earned per level, but the student must enroll in the first semester.

HONORS PROGRAM – The third and fourth year of a foreign language are honors courses for which students receive weighted credit. Students not maintaining at least a "C" average will not receive the weighted credit, and students scoring a "D" or below at the end of the semester will be dropped from the program.

TYPICAL WORLD LANGUAGE TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	--	--	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2
2	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2		
3	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2	SPAN 330 HONORS SPANISH 3	SPAN 430 HONORS SPANISH 4
1	--	--	FREN 110 FRENCH 1	FREN 210 FRENCH 2
2	FREN 110 FRENCH 1	FREN 210 FRENCH 2		
3	FREN 110 FRENCH 1	FREN 210 FRENCH 2	FREN 330 HONORS FRENCH 3	FREN 430 HONORS FRENCH 4

## SPANISH COURSES

SPAN 110	Spanish I*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Placement recommendation at registration.</p> <p><b>Description:</b> This introductory course places special emphasis on speaking skills. During the first segment, an oral approach to language learning allows the student to accumulate a speaking vocabulary of approximately 750 words. More traditional methods are used in the subsequent segments with an introduction of basic grammar concepts, vocabulary expansion, conjugating regular and irregular verbs in the present tense, present progressive tense and preterit tense.</p> <p><b>Student Activities:</b> Role-playing activities are used to learn practice skills such as speaking on the telephone, ordering in a restaurant, etc. Students will memorize vocabulary and verb conjugations and compile a set of flashcards to reinforce and review new words, verbs, and phrases.</p> <p><b>Student Evaluation:</b> Periodic oral and written tests, oral drills, listening activities, vocabulary tests, and a final exam.</p>		

SPAN 210	Spanish II*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> SPAN 110 Spanish I.</p> <p><b>Description:</b> The nucleus of this course is the study of the basic ten tenses in Spanish: Present, Preterit, Past Progressive, Imperfect, Present Progressive, Present Perfect, Future, Future Conditional, Past Perfect and Imperative. In addition, students will continue to build Spanish vocabulary words. Students will also read short stories in Spanish from the Textbook used in class, and using previously learned vocabulary words.</p> <p><b>Student Activities:</b> Reading short stories, enacting dialogues, oral and written exercises, writing prompts and short projects where they can apply the newly learned words and tenses.</p> <p><b>Student Evaluation:</b> Based on class participation, quizzes, tests, written work and “hands on projects”, and final exam.</p>		

SPAN 330	Honors Spanish III*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> SPAN 210 Spanish II with a “C” or higher.</p> <p><b>Description:</b> Advanced students will review all ten tenses introduced in the first two years of the Spanish program. In addition, new tenses will be introduced with special emphasis on the use of the Subjunctive. Students will also expand their vocabulary and will learn more detailed grammar. Alternating culture lessons will be infused throughout the year as well. Students will also read short novels based on popular stories from “El Conde Lucanor ” with vast vocabulary words and a moral at the end of each different story which helps the students with comprehension and critical thinking. Students are trained to achieve understanding beyond the literal translation.</p> <p><b>Student Activities:</b> The study of 15 tenses; intensive oral and written grammar exercises; student's presentation of grammar and culture projects.</p> <p><b>Student Evaluation:</b> Periodic written quizzes and tests, oral drills, reading comprehension, and writing prompts.</p>		

SPAN 430	Honors Spanish IV*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> SPAN 330 Spanish III with a “C” or higher.</p> <p><b>Description:</b> The objective of this course is to develop the student's ability to communicate in Spanish. Focus will be on refining speaking skills via directed conversation and spontaneous discussion. This course also focuses on refining reading comprehension skills through exposure to the works of key contemporary and classical writers from Spain and South America (Horacio Quiroga, Raul Cortazar, Gabriela Mistral). Selected masterpieces will be studied in the original Spanish while others will be presented in an abridged form appropriate for advanced secondary students. Various genres, including poetry, novel, drama, and short story will be studied. Students will also refine oral and written skills through class discussion and analyses of content and style. This course anchors a comprehensive intermediate program that will prepare students for advanced level courses in literature at the university level.</p> <p><b>Student Activities:</b> Read and create poetry, read a novel written by Horacio Quiroga, enact short stories, write and comment on press articles; write paragraphs based on the stories; write personalized compositions that expand on each reading's theme; elaborate and read short speeches, various oral presentations, and class discussion in Spanish that usually take place once a week with reference to the novel or story that is being read.</p> <p><b>Student Evaluation:</b> Class participation is especially important in this course. Grades are also based on oral presentations, writings, quizzes, and tests. There is also a final exam.</p>		

## FRENCH COURSES

FREN 110	French I*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> None.</p> <p><b>Description:</b> French 101 is an introductory course designed for students with little to no prior knowledge of the French language. This course focuses on developing basic communication skills in speaking, listening, reading, and writing. Students will learn essential vocabulary, fundamental grammar structures, and pronunciation techniques.</p> <p><b>Student Activities:</b> Role-playing activities are used to learn practice skills such as speaking to a peer or adult, ordering in a restaurant, etc. Students will memorize vocabulary and verb conjugations and compiled in guided notes they collect throughout the year.</p> <p><b>Student Evaluation:</b> Periodic oral and written tests, oral drills, listening activities, vocabulary tests, and a final exam.</p>		
FREN 210	French II*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Successful completion of both semesters of French 1.</p> <p><b>Description:</b> French 2 is an intermediate course designed for students who have completed French 101 or have equivalent foundational knowledge. This course aims to enhance students' proficiency in listening, speaking, reading, and writing, while deepening their understanding of French grammar and vocabulary.</p> <p><b>Student Activities:</b> Through a combination of group discussions, multimedia presentations, and written assignments, students will strengthen their ability to communicate effectively in French. By the end of the course, students will be able to engage in more complex conversations, comprehend intermediate texts, and write cohesive paragraphs on various topics.</p> <p><b>Student Evaluation:</b> Periodic oral and written tests, oral drills, listening activities, vocabulary tests, and a final exam.</p>		
FREN 330	Honors French III*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Students must have completed French 1 and 2. Students must have completed French 2 with a grade of a C or better in order to move onto French 3.</p> <p><b>Description:</b> Honors Third-Year French is an advanced course designed for students who have successfully completed Intermediate French and seek a deeper exploration of the language and culture. This course emphasizes advanced language skills through a comprehensive study of literature, culture, advanced grammar techniques, contemporary issues and constant French conversation with peers and the teacher.</p> <p><b>Student Activities:</b> Students will participate in collaborative projects, discussions, tests, quizzes and presentations that encourage active engagement with the material. By the end of the course, students will be able to analyze complex texts, articulate their viewpoints with clarity and sophistication, and navigate diverse cultural contexts in French. This course prepares students for advanced studies in the language and offers a solid foundation for further academic or professional pursuits involving French.</p> <p><b>Student Evaluation:</b> Periodic oral and written tests, oral drills, listening activities, vocabulary tests, and a final exam.</p>		
FREN 430	Honors French IV*	ALL YEAR / 1 credit
<p><b>Prerequisite:</b> Students must have completed French 1, 2, and 3. Students must have completed French 3 with a grade of a C or better in order to move onto French 4.</p> <p><b>Description:</b> Honors Fourth-Year French is an advanced course tailored for students who have completed Third-Year French and are eager to refine their language skills while deepening their understanding of French culture and literature through in-depth study of significant literary works, exploring themes, historical contexts, and stylistic elements to enhance critical analysis. This course fosters a high level of proficiency in all language areas—speaking, listening, reading, and writing—through an immersive and analytical approach.</p> <p><b>Student Activities:</b> Through a combination of interactive learning, independent research, and creative expression, students will develop a sophisticated command of the French language. By the end of the course, students will be able to critically engage with advanced texts, express themselves, and demonstrate a nuanced understanding of the cultural dynamics in the Francophone world. This course prepares students for further academic study if they wish to study French at a university level.</p> <p><b>Student Evaluation:</b> Periodic oral and written tests, oral drills, listening activities, vocabulary tests, and a final exam.</p>		

**TYPICAL TRACK CHARTS**

THEOLOGY TRACKS			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
THEO 110 FRESHMAN THEOLOGY	THEO 210 SOPHOMORE THEOLOGY	THEO 310 JUNIOR THEOLOGY	THEO 410 SENIOR THEOLOGY

TYPICAL ENGLISH TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	ENG 110 FRESHMAN ENGLISH	ENG 210 SOPHOMORE ENGLISH	ENG 310 JUNIOR ENGLISH	ENG 410 SENIOR ENGLISH
2	ENG 120 ADVANCED FRESHMAN ENGLISH	ENG 220 ADVANCED SOPHOMORE ENGLISH	ENG 320 ADVANCED JUNIOR ENGLISH	ENG 420 ADVANCED SENIOR ENGLISH
3	ENG 130 HONORS FRESHMAN ENGLISH	ENG 230 HONORS SOPHOMORE ENGLISH	ENG 340 AP HONORS LANGUAGE & COMPOSITION	ENG 440 AP HONORS LITERATURE & COMPOSITION
4	ENG 130 HONORS FRESHMAN ENGLISH	ENG 230 HONORS SOPHOMORE ENGLISH	ENG 340 AP HONORS LANGUAGE & COMPOSITION	ENG 440 AP HONORS LITERATURE & COMPOSITION

TYPICAL MATH TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	MATH 110 ALGEBRA I	MATH 210 GEOMETRY	MATH 310 ALGEBRA II	MATH 410 INTERMEDIATE ALGEBRA & TRIGONOMETRY
2	MATH 120 ADVANCED ALGEBRA I	MATH 220 ADVANCED GEOMETRY	MATH 320 ADVANCED ALGEBRA II	MATH 420 ADVANCED COLLEGE ALGEBRA & TRIGONOMETRY
3A	MATH 130 HONORS ALGEBRA I	MATH 230 HONORS GEOMETRY -- **MATH 330 HONORS ALGEBRA II	MATH 330 HONORS ALGEBRA II -- **MATH 430 HONORS COLLEGE ALGEBRA <sup>^</sup> & TRIGONOMETRY	MATH 430 HONORS COLLEGE ALGEBRA <sup>^</sup> & TRIGONOMETRY -- **MATH 431 HONORS STATISTICS <sup>^</sup> <i>and/or</i> <b><u>MATH 432</u></b> HONORS CALCULUS <sup>^</sup>
<b><i>OR</i></b> 3B	MATH 230 HONORS GEOMETRY	MATH 330 HONORS ALGEBRA II	MATH 430 HONORS COLLEGE ALGEBRA & TRIGONOMETRY <sup>^</sup>	MATH 431 HONORS STATISTICS <sup>^</sup> <i>and/or</i> <b><u>MATH 432</u></b> HONORS CALCULUS <sup>^</sup>

\*\*MATH 330 Honors Algebra II may be taken concurrently with MATH 230 Honors Geometry in this sequence with approval of the instructors if the student would like to be eligible to take MATH 431 Honors Statistics and/or MATH 432 Honors Calculus during their senior year.

**3 science courses are required for graduation-Biology, or Integrated Science, Chemistry, & an elective of your choice. The following is a guide to typical tracks students take with an emphasis in science. You may discuss other track options with your counselor during course selection.**

TYPICAL SCIENCE TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	SCI 110 INTEGRATED SCIENCE	SCI 221 ANIMAL BEHAVIOR SCIENCE / OTHER SCIENCE ELECTIVE	SCI 220 ADVANCED CHEMISTRY	OPTIONAL ELECTIVE
2A	SCI 120 ADVANCED BIOLOGY -- ENGR 110 INTRO TO ENGINEERING DESIGN**	SCI 220 ADVANCED CHEMISTRY -- ENGR 210/230 DIGITAL ELECTRONICS**	ENGR 310/330 HON PRINCIPLES OF ENGINEERING -- SCI 211 ANIMAL BEHAVIOR SCIENCE	SCI 212 ASTRONOMY
2B	SCI 120 ADVANCED BIOLOGY -- BIOM 110 FORENSIC SCIENCE**	SCI 220 ADVANCED CHEMISTRY -- BIOM 210 MEDICAL TERMINOLOGY & DIAGNOSIS**	SCI 211 ANIMAL BEHAVIOR SCIENCE	SCI 330 HON ANATOMY & PHYSIOLOGY (WITH APPROVAL)
3A	SCI 130 HONORS BIOLOGY -- ENGR 110 INTRO TO ENGINEERING DESIGN**	SCI 230 HONORS CHEMISTRY -- SCI 212 ASTRONOMY	ENGR 310/330 HON PRINCIPLES OF ENGINEERING -- SCI 331 HON PHYSICS	ENGR 210/230 HONORS DIGITAL ELECTRONICS** -- SCI 332 HON ADVANCED CHEMISTRY
3B	SCI 130 HONORS BIOLOGY -- BIOM 110 FORENSIC SCIENCE**	SCI 230 HONORS CHEMISTRY -- BIOM 210 MEDICAL TERMINOLOGY & DIAGNOSIS**	SCI 330 HON ANATOMY & PHYSIOLOGY -- SCI 213 ENVIRONMENTAL SCIENCE -- SCI 340 AP HONORS BIOLOGY	SCI 331 HON PHYSICS -- SCI 332 HON ADVANCED CHEMISTRY -- SCI 340 AP HONORS BIOLOGY

\*\*Electives may be taken in addition to Biology or Chemistry. Students will also choose from these to complete their 3<sup>rd</sup> year science requirement. The chart above is an example of typical science tracks our students follow. Please speak with your counselor to arrange a track that works for you.

TYPICAL SOCIAL STUDIES TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	HIST 110 CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 111 CIVICS II: GOVERNMENT IN ACTION	HIST 210/211 WORLD HISTORY* -- HIST 121 GEOGRAPHY*/ HIST 113 GEOGRAPHY*	HIST 310/311 UNITED STATES HISTORY -- HIST 212/213 CURRENT AFFAIRS*	HIST 212/213 CURRENT AFFAIRS* -- HIST 410 WORLD WARS*/ HIST 411 MODERN US HISTORY*
2	HIST 120 ADVANCED CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 121 ADVANCED CIVICS II: GOVERNMENT IN ACTION	HIST 112/221 ADVANCED WORLD HISTORY* -- HIST 212/213 CURRENT AFFAIRS* -- HIST 112 GEOGRAPHY / HIST 113 CULTURAL GEOGRAPHY*	HIST 320/321 ADVANCED UNITED STATES HISTORY -- HIST 212/213 CURRENT AFFAIRS* -- PSYCH 310 PSYCH I*/ PSYCH 311 PSYCH II*	HIST 410 WORLD WARS*/ HIST 411 MODERN US HISTORY* -- PSYCH 310 PSYCH I*/ PSYCH 311 PSYCH II* -- HIST 212/213 CURRENT AFFAIRS*
3	HIST 130 HONORS CIVICS I: CONSTITUTIONAL FOUNDATIONS -- HIST 131 HONORS CIVICS II: GOVERNMENT IN ACTION	HIST 240 AP HONORS WORLD HISTORY* -- HIST 241 AP US GOVT & POLITICS*/ HIST 242 AP COMPARATIVE POLITICS*	HIST 340 HONORS UNITED STATES HISTORY -- PSYCH 310 PSYCH I*/ PSYCH 311 PSYCH II*	HIST 440 AP HONORS EUROPEAN HISTORY*

*\*Social Studies electives that are not required social studies credits for graduation. However, they may help you meet your elective credits for graduation.*

TYPICAL WORLD LANGUAGE TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
1	--	--	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2
2	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2		
3	SPAN 110 SPANISH 1	SPAN 210 SPANISH 2	SPAN 330 HONORS SPANISH 3	SPAN 430 HONORS SPANISH 4
1	--	--	FREN 110 FRENCH 1	FREN 210 FRENCH 2
2	FREN 110 FRENCH 1	FREN 210 FRENCH 2		
3	FREN 110 FRENCH 1	FREN 210 FRENCH 2	FREN 330 HONORS FRENCH 3	FREN 430 HONORS FRENCH 4

TYPICAL ART TRACKS				
	FRESHMAN YEAR	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
GENERAL	S1 ART 110 DRAWING -- S2 ART 111 CERAMICS	S1 ART 210/211 ART II DRAWING & PAINTING -- S2 ART 212/213 ART II CERAMICS	S1 ART 310 ADVANCED DRAWING -- S2 ART 311 ADVANCED PAINTING	S1 ART 312/312 ADVANCED SCULPTURE/ -- S2 ART 431 INDEPENDENT 3D ART
2D ART	S1 ART 110 DRAWING -- S2ART 111 CERAMICS	S1 ART 210/211 ART II DRAWING & PAINTING -- S2 ART 311 PAINTING	S1 ART 310 ADVANCED DRAWING -- S2 ART 420/421 2D INDEPENDENT ART	S1 ART 410 2D INDEPENDENT ART -- S2 ART 420/421 2D INDEPENDENT ART
3D ART	S1 ART 110 DRAWING -- S2 ART 111 CERAMICS	S1 ART 212/213/213 ART II CERAMICS -- S2 ART 332 ADV SCULPTURE	S1 ART 422/433 INDEPENDENT 3D ART -- S2 ART 431 INDEPENDENT 3D ART	S1 ART 430 HONORS ART APPRECIATION I -- S2 ART 431 HONORS ART APPRECIATION II

# Graduation Planner

FRESHMAN YEAR						
THEOLOGY	ENGLISH	MATH	CIVICS	INTEGRATED SCIENCE OR BIOLOGY	PE / HEALTH / ELECTIVE	FINE ART / FOREIGN LANGUAGE
SOPHOMORE YEAR						
THEOLOGY	ENGLISH	MATH	WORLD HISTORY	CHEMISTRY OR SCIENCE ELECTIVE	PE / HEALTH / ELECTIVE	FINE ART / FOREIGN LANGUAGE
JUNIOR YEAR						
THEOLOGY	ENGLISH	MATH	UNITED STATES HISTORY	CHEMISTRY OR SCIENCE ELECTIVE	PE / ELECTIVE / CONSUMER ED	ELECTIVE
SENIOR YEAR						
THEOLOGY	ENGLISH	MATH ELECTIVE	SOCIAL STUDIES ELECTIVE	SCIENCE ELECTIVE	PE / ELECTIVE / CONSUMER ED	ELECTIVE