



# ST. THOMAS MORE

## CATHOLIC HIGH SCHOOL

***"Nurturing Catholic Leaders of Character"***

***Course Offerings Guide***  
***2022-2023***





# ST. THOMAS MORE

## CATHOLIC HIGH SCHOOL

Dear Parents/Guardians,

Welcome to St. Thomas More Catholic High School! As a premiere 21<sup>st</sup> century Catholic high school, STM is committed to empowering students with the knowledge, dispositions, and skills needed to succeed and lead in our global society. Our program of studies affords each student a unique opportunity to pursue his/her academic potential and interests through innovative, enriching courses aligned with state and national standards. As a school of highest academic standards, each student is expected to complete the Louisiana TOPS University graduation requirements, which can make a significant impact on college options. Additionally, each year offers students a mandatory Religious Studies course tailored to build a lasting impact on our students' religious education and spiritual development.

St. Thomas More Catholic High School personnel will guide students in selecting courses that maximize opportunities for continuous growth and preparation. Your student's grade level counselor will help students make good choices in selecting elective courses which complement core courses and/or support the student's talents and interests. It is of utmost importance that your student selects courses that will maximize his/her academic potential. The key question college and scholarship organizations ask when reviewing an applicant's academic record is, "Did this student maximize his/her academic potential in his/her school setting?" In other words, "Did he/she challenge himself/herself to reach his/her highest potential?" In this sense, we urge you to "begin with the end in mind" and think about how course selections will influence later course options as your student progresses through his/her studies.

In our Course Offerings Guide you will find a description of all courses, prerequisites, and applicable fees. This guide includes information regarding TOPS. We advise you to periodically check the website, [www.osfa.la.gov](http://www.osfa.la.gov), for updates on TOPS. For admissions requirements to UL and LSU, please visit the websites of these universities, [www.louisiana.edu](http://www.louisiana.edu) and [www.lsu.edu](http://www.lsu.edu). For information and admission requirements of other universities, contact Ms. Elizabeth Sandridge, Director of College Admissions, or visit the website of these colleges. For your convenience, a brief reference sheet for NCAA is included at the back of this guide.

Numerous factors contribute to building a master schedule. Your cooperation in reviewing this guide, consulting with the school counselor, making course selections carefully, and adhering to the timeline provided for returning the Course Selection Form will result in a smooth scheduling process for everyone.

Thank you for your commitment to the academic program at St. Thomas More. It is truly a great time to be a student at STM, and we look forward to partnering with you for the upcoming high school years!

Sincerely,

Kelley Leger  
Principal

Denise Nero  
Assistant Principal

Claire Masterson  
Assistant Principal



## CLASSES of 2023-2026

REQUIREMENTS FOR GRADUATION		
Religion	4 units	Religious Studies I - IV
English	4 units	English I – IV
Mathematics	4 units	Algebra I Geometry Algebra II 1 additional unit
Science	4 units	Biology Chemistry I 2 additional units
Social Studies	4 units	World Geography Civics or AP U.S. Government U.S. History or AP U.S. History World History or AP European History
World Language	2 units	Two units of the <i>same</i> world language
Health & PE	2 units	Health/PE I - II
Fine Arts	1 unit	Art, Band, Theater, Chorus, Guitar, Media Arts, Engineering Design & Development
Elective	3 units	
<b>Total</b>	<b>28 units</b>	

REQUIREMENTS FOR EACH YEAR			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Religious Studies I	Religious Studies II	Religious Studies III	Religious Studies IV
English I	English II	English III	English IV
Algebra I*	Geometry or Algebra II	Math (Algebra II, if not already taken)	Math
Physical Science or Biology	Biology or Chemistry	Science (Chemistry, if not already taken)	Science
World Geography	Social Studies	Social Studies	Social Studies
World Language I (recommended start in 9 <sup>th</sup> grade, but may start in 10 <sup>th</sup> )	World Language I or II	Elective	Elective
<b>One</b> from the following: <ul style="list-style-type: none"> <li>● Elective</li> <li>● Fine Arts</li> <li>● Health/PE I</li> </ul>	<b>One</b> from the following: <ul style="list-style-type: none"> <li>● Elective</li> <li>● Fine Arts</li> <li>● Health/PE I or II**</li> </ul>	Elective	Elective
<b>Total Credits: 7</b>	<b>Total Credits: 7</b>	<b>Total Credits: 7</b>	<b>Total Credits: 7</b>

\*Students with Algebra I credit enroll in Geometry

\*\*Health/PE II can be taken any year after completing Health/PE I.



# TOPS Core Curriculum

For the Opportunity, Performance and Honors Awards  
For High School graduates of 2018 and thereafter

Units	Courses <sup>1</sup>
<b>ENGLISH = 4 Units</b>	
1 Unit	English I
1 Unit	English II
1 Unit from the following:	English III, AP English Language Arts and Composition, or IB English III (Language A or Literature and Performance)
1 Unit from the following:	English IV, AP English Literature and Composition, or IB English IV (Language A or Literature and Performance)
<b>MATH = 4 Units</b>	
1 Unit	Algebra I
1 Unit	Geometry
1 Unit	Algebra II
	Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence
1 Unit from the following:	Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or IB Math Methods I (Mathematical Studies SL); Calculus, AP Calculus AB, or IB Math Methods II (Mathematics SL); AP Calculus BC; Probability and Statistics or AP Statistics; IB Further Mathematics HL; IB Mathematics HL; AP Computer Science A
<b>SCIENCE = 4 Units</b>	
1 Unit	Biology I
1 Unit	Chemistry I
2 Units from the following:	Earth Science; Environmental Science; Physical Science; Agriscience I and Agriscience II (one unit combined); Chemistry II or AP Chemistry or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics I, AP Physics B, or IB Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II, or AP Physics II; Biology II or AP Biology or IB Biology II or Human Anatomy and Physiology
<b>SOCIAL STUDIES = 4 Units</b>	
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
2 Units from the following:	Western Civilization, European History, or AP European History; World Geography, AP Human Geography, or IB Geography; World History, AP World History, or IB World History; History of Religion; IB Economics, Economics, AP Macroeconomics, AP Microeconomics; AP Psychology, or African American History
<b>FOREIGN LANGUAGE = 2 Units</b>	
	Foreign Language, both units in the same language, which may also include the following AP and IB courses: AP Chinese Language and Culture, AP French Language and Culture, AP German Language and Culture, AP Italian Language and Culture, AP Japanese Language and Culture, AP Latin, AP Spanish Language and Culture, IB French IV, IB French V, IB Spanish IV, IB Spanish V, Mandarin Chinese I-IV, Hindi I – IV, Portuguese I-IV, Vietnamese I-IV
<b>ART = 1 Unit</b>	
1 Unit from the following:	Performance course in Music, Dance or Theatre; Fine Arts Survey; Art I, II, III, and IV; Talented Art I, II, III, and IV; Talented Music I, II, III and IV; Talented Theater Arts I, II, III, and IV; Speech III and Speech IV (one unit combined); AP Art History; AP Studio Art: 2-D Design; AP Studio Art: 3-D Design; AP Studio Art: Drawing; AP Music Theory; IB Film Study I; IB Film Study II; IB Music I; IB Music II; IB Art Design III; IB Art Design IV; IB Theatre I, Drafting, Media Arts I - IV; Photography I, Photography II, or Digital Photography
<b>TOTAL = 19 Units</b>	
<i>Please see reverse side for core (substitute) equivalents to the TOPS Core Curriculum</i>	

Core Curriculum Course(s)	Recently Approved Equivalent (Substitute) Course(s)
Art	Digital Image & Motion Graphics, Digital Storytelling, Engineering Design & Development, Sound Design
Environmental Science	Environmental Awareness
World Geography	Physical Geography
Probability & Statistics	Statistical Reasoning
Physical Science	Principles of Engineering
Calculus	Differential Calculus I Integral Calculus I

<sup>1</sup> **GIFTED COURSES:** Any core curriculum course that is taken by a student who has been identified as gifted pursuant to State Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum.

Beginning with students entering the 9<sup>th</sup> grade in 2014-2015 and graduating in the 2017-2018 school year and thereafter, the calculation of the TOPS Core Curriculum grade point average (GPA) will use a five- (5.00) point scale for grades earned in certain designated Advanced Placement (AP) courses; International Baccalaureate (IB) courses; Gifted courses; Dual Enrollment courses, Honors courses and Articulated courses offered for college credit by the Louisiana School for the Math, Science and the Arts used to complete the TOPS Core Curriculum. The courses currently designated to be calculated on the 5.00 point scale can be viewed at <https://mylosfa.la.gov/wp-content/uploads/2020/07/tops-university-course-requirements.pdf>. For the designated courses, five quality points will be assigned to a letter grade of "A", four quality points will be assigned to a letter grade of "B", three quality points will be assigned to a letter grade of "C", two quality points will be assigned to a letter grade of "D", and zero quality points will be assigned to a letter grade of "F". Note that students earning credit in courses graded on the five (5.00) point scale may earn a grade point average on the TOPS Core Curriculum that exceeds 4.00.



*This core curriculum is accurate as of the date of publication and includes courses listed in TOPS statute.*

Louisiana Office of Student Financial Assistance (LOSFA)  
A program of the Board of Regents  
P.O. Box 91202, Baton Rouge, LA 70821-9202  
(800) 259-5626  
custserv@la.gov  
[www.mylosfa.la.gov](http://www.mylosfa.la.gov)



Updated: 07/21/2021

\*Check [www.osfa.la.gov](http://www.osfa.la.gov) for GPA and ACT requirements

## GENERAL ACADEMIC INFORMATION TO CONSIDER AS YOU REGISTER

### GRADING SYSTEM

The scholastic year is divided into four quarters. The grade for each quarter is based on daily assignments, class participation, quizzes, and tests. In the computation of the student's quarter, semester, and final grade, only the one-digit fraction of .5 or greater is automatically rounded to the next higher number. The semester exam grade comprises 20% of the semester grade. The remaining 80% is the result of averaging the first and second quarter grades. Semester grade =  $.40(Q1) + .40(Q2) + .20(\text{Exam Grade})$ . The final grade in any course is the average of the two semester numerical grades. To earn credit for a course, the final average must be at least 70%.

LETTER GRADES	NUMERICAL AVERAGE	QUALITY POINTS
A	94-100	4
B	87-93	3
C	78-86	2
D	70-77	1
F	BELOW 70	0

### ATTENDANCE

As per state attendance requirements, students who miss more than 16 classes in a year-long course (8 in a semester course) will not receive credit for the course. Students will receive an "I" for incomplete work with 0 quality points until the work is completed.

### ADVANCED PLACEMENT (AP) AND HONOR GRADE CONVERSION

A modified grading scale will be used for Honors and Advanced Placement courses: Four percentage points are added to each final quarter average and four percentage points are added to each semester exam grade in Honors classes; six points in AP classes. Averages are not to exceed 100. No additional percentage points will be added after calculating semester and final averages.

### HIGH SCHOOL CREDIT FOR ELEMENTARY STUDENT

High school credit earned in an elementary school will be recorded on the high school transcript only as pass or fail (P/F). A passing score on the minimum proficiency exam does not necessarily prepare the student for the next level course at STM. A student may be required to repeat a course based on performance in the course. Proof of course credit must be submitted to the registrar before Friday, June 3, 2022.

### ONLINE COURSES

Students enrolled in online courses utilize the web, e-mail, and other online and offline resources to complete a rich course of study in a variety of courses. There is not an "on-campus" teacher for online courses; the teacher is online. Taking a course online requires personal discipline and good time management skills. Students should not expect that there will be less to do than in the regular classroom since each course must adhere to the Louisiana standards and benchmarks for the course. Computer expertise is not required; however, students should be aware that a certain level of computer skill and comfort is necessary to do work online. STM only records their final semester grade in an online course. All other grades are sent to the students, and students/parents are responsible for keeping up with the student's grades in the online course. Courses listed as online are tentative based on availability, enrollment, and administration approval. A course offered through an online provider is designated after the course title. Courses taken through a third-party online provider can range from \$400-\$700 each. If the online course is an AP course, an additional \$94 must be paid for the cost of the National Advanced Placement Exam.



## ADVANCED PLACEMENT COURSES

The Advanced Placement program was created to serve several purposes:

- To permit able college-bound students to take college-level courses in high school
- To enable students who pass exams to seek either college credit or advanced placement in a subject
- To raise the level of instruction in high schools to assure that students are well prepared to meet the challenges of even the most demanding college curriculum

AP examinations, which students take in May, are graded on a 5-point scale, with 5 being the highest score. Most of the nation's colleges and universities award credit, advanced placement, or both for grades of 3 or higher. However, colleges and scholarship organizations look favorably at students who meet the challenges of AP courses even if they do not pass an exam, as long as they have earned a grade of "A" or "B" in the course.

STM has offered access to the following AP courses\*:

AP Calculus (AB)  
AP Biology  
AP Chemistry  
AP English Language  
AP English Literature  
AP Studio Art  
AP United States History  
AP European History  
AP United States Government  
AP Psychology  
AP Spanish Language  
AP French Language  
AP Computer Science

\*Note that, pending enrollment and availability patterns, some of these AP courses may be taught in a partnership with an online provider or may not be offered. Courses taken through an online provider are \$400-\$700 each in addition to an AP test fee. The online course fee may or may not include all materials required for the online course.

All students enrolled in AP courses are required to take the AP Exam in those courses. There is a non-refundable fee for the AP tests. Students are also required to purchase textbooks for AP classes. More information will be provided on the STM website. Refer to specific AP course description for fees. If a student wishes to take an AP Exam in a course not offered at STM, he or she may do so with approval of the Assistant Principal and the AP Coordinator. This request must be submitted in writing by January of the academic year in which the student wishes to take the test. There is a minimum \$150 fee for every AP course taken.

## HONOR GRADUATES

Honor graduates will be recognized as follows:

<b>Utopian Honors</b>	4.0 GPA and 2 AP courses and 10 honors/dual enrollment courses (combination of 12 AP/Honors/Dual Enrollment courses with at least 2 AP courses)
<b>Chancellor Honors</b>	3.7 – 4.0 GPA – 8 honors/dual enrollment or AP courses (any combination of honors, DE, or AP) <b>OR</b> 3.5 – 3.6 GPA – 12 honors/dual enrollment or AP courses (any combination of honors, DE, or AP)
<b>Scholar Honors</b>	3.5 – 3.6 GPA – 6 honors/dual enrollment or AP courses (any combination of honors, DE, or AP) <b>OR</b> 3.7 – 4.0 GPA – no honors, dual enrollment or AP courses required

\*Please note that grade point averages are not rounded.

## GUIDELINES FOR SCHEDULING - GRADE 9

- Prior to selecting courses, it is recommended that students and parents review the entire **Course Offerings Guide**.
- Carefully consider all course requests prior to submitting the Course Request Form. The school reserves the right to make course placements based on course availability, assessment of each student's past performance, standardized test data, and other factors.
- High school credit earned in an elementary school will be recorded on the high school transcript as pass or fail (P/F). A passing score on the minimum proficiency exam does not necessarily prepare the student for the next level course at STM. A student may be required to repeat a course based on performance in the course.
- Tuition and fees must be paid before a course schedule is processed.

### HONORS PLACEMENT GUIDELINES FOR FRESHMEN

Placement into honors courses in 9<sup>th</sup> grade is under the supervision of the Assistant Principal, the 9<sup>th</sup> grade counselor, and the Scheduling Coordinator. If a student was not initially eligible for an honors class and criteria are subsequently met at the end 3<sup>rd</sup> Quarter, the request may be resubmitted to the Freshman Counselor. A 3<sup>rd</sup> Quarter report card must be submitted by Monday, March 28, 2022. Honors course placement from year to year is not automatic. Student requests are reviewed each year. Placement of qualified students in courses is based on course availability.

Students entering the freshman year are eligible for Honors classes using the following guidelines:

Criteria for 9 <sup>th</sup> Honors Placement	
English I Honors and World Geography Honors	1. 6 <sup>th</sup> & 7 <sup>th</sup> Grade Standardized Tests <b>Average of:</b> Reading & Language Arts = 85 National Percentile or higher, and 2. 8 <sup>th</sup> Grade Language Arts and Reading: A or B
Physical Science Honors or Biology I Honors (Only if enrolled in Geometry H)	1. 6 <sup>th</sup> & 7 <sup>th</sup> Grade Standardized Tests <b>Average of:</b> Science & Math = 88 National Percentile or higher (must meet 90 <sup>th</sup> Percentile Math Score), and 2. 8 <sup>th</sup> Grade Science: A or B
Algebra I Honors or Geometry Honors (pending Algebra I credit)	1. 6 <sup>th</sup> & 7 <sup>th</sup> Grade Standardized Tests <b>Average of:</b> 90 National Percentile in Math, and 2. 8 <sup>th</sup> Grade Math or Algebra I: A or B

*STM understands that most students will not have 6<sup>th</sup> grade Standardized Test scores due to canceled 2020 Spring testing days. We will review 7<sup>th</sup> grade scores and 8<sup>th</sup> grade report cards to make recommendations on placement.*

## GUIDELINES FOR SCHEDULING – GRADES 10, 11 AND 12

- The selection of courses is under the direction of the Academic Assistant Principal and the grade-level counselor. Students are required to meet with the grade-level counselor before returning the Course Request Form. The Course Request Form must be returned by the date listed on the form. If the form is turned in late, a student may not be able to schedule first choice elective requests.
- The original Course Request Form must be signed by the student and her/his parents before it is returned to the counselor.
- Prior to selecting courses and completing the form, students are to review graduation requirements and other information contained in this guide. It is recommended that students review college admission requirements, TOPS requirements, and NCAA requirements. While some information on TOPS and NCAA requirements are included in this guide, additional details are available through the TOPS and NCAA websites.
- A student may request honors courses if she/he qualifies. However, a student is **not** automatically placed in an honors course from year to year. Placement is based on the student's grade in the prerequisite course and a strong commitment to doing the course work. If a student is not eligible for an honors course at the time the Course Request Form is due, the Appeals Request Form (obtained in the Counseling Department) must be attached to the Course Request Form for consideration at the end of the second semester. The student will be notified of the final placement decision.
- Changes will not be considered once the Course Request Form has been received by the counselor. Based on original requests, the Administration determines the number of sections, faculty, resources, and other needs related to the school program for the coming school year.
- Every attempt will be made to honor elective course requests provided prerequisites have been met. If a section has been closed or cancelled, the student's alternate elective requests will be scheduled.
- When choosing classes, it is anticipated that a student will pass all current courses in which she/he is enrolled. Should this not be the case, a student's course request may be altered. Final decisions regarding failures and a student's enrollment are determined by the school administration.

Criteria for Placement in Honors or Advanced Placement		
Subject	Grade	Standardized Test-Percentile
English	A or B in previous English	<b>Average of:</b> Reading and English = 85 percentile or higher; teacher recommendation
Social Studies	A or B in previous Social Studies If no Social Studies, look at English	<b>Average of:</b> Reading and English = 85 percentile or higher <b>or</b> Reading = 85 percentile or higher; teacher recommendation
Math	A or B in previous Math	Math = 90 percentile or higher; teacher recommendation
Science	A or B in previous Science	<b>Average of:</b> Math and Science = 88 percentile or higher; teacher recommendation
<b>Honors to Honors</b>	<b>Grade</b> A or B in prerequisite Honors Course	
<b>Honors to Advanced Placement</b>	<b>Grade</b> A or B in prerequisite Honors Course; teacher recommendation	
<b>Dual Enrollment Math</b>	Grade of A or B in prerequisite courses of Advanced Math – Pre-Calculus or Pre-Calculus Honors, AND 3.0 GPA, ACT Math score of 23, ACT composite of 19, English score of 18	
<b>Dual Enrollment English</b>	ACT Reading score of 24, ACT English score of 18, ACT Math score of 19, ACT composite of 22, and must have a cumulative GPA of 3.0.	
<b>Dual Enrollment Social Studies</b>	ACT Reading score of 24, ACT English score of 18, ACT Math score of 19, ACT composite of 22, grade of A or B in previous social studies courses, and must have a cumulative GPA of 3.0.	

# STM Academic Support Program

## **Purpose**

- To help students with specific learning difficulties achieve success in their academic courses

## **Goals for Students**

- Incorporate techniques and study skills to help them compensate for their learning differences
- Celebrate their God-given gifts and talents
- Take ownership for their learning
- To become independent, life-long learners

## **Possible Criteria Considered for Acceptance**

*(Eligibility must be approved annually by the Academic Support Program Committee).*

- Parent must complete an application for services annually
- Recent (last 3 years) formal evaluation from a certified professional on file at STM
- Ability of STM to accommodate student's needs with present resources
- History of academic difficulty
- History of student's *UTILIZATION* of accommodations offered
- Student is on an Academic Contract with the STM Administration
- Teacher/Counselor recommended intervention

## **Accommodations (determined through an Individual Accommodation Plan)**

- Additional time for tests and quizzes
- Small group/distraction-free testing environment
- Exempt from computer tests
- Exempt from Scantron forms/answers transferred
- Study assistance (peer or teacher notes)
- Preferential seating
- Text to audio (E-pen reader)
- Additional time on standardized tests – see below
- Work with our Academic Interventionist
- Study Skills Class (9<sup>th</sup> grade)
- Additional accommodations to be determined by Academic Support Committee

## **Criteria for Extended Time on Standardized Tests – ACT / SAT / PSAT / AP**

Officials from testing companies determine student eligibility for extended time on standardized tests. Although specific requirements vary, both companies (ACT and College Board) require that a student have a **recent (last 3-5 years) formal evaluation from a certified professional on file at the school to meet basic guidelines. Refer to the websites below for detailed criteria.**

**ACT Website:** [www.act.org/aap/disab/policy.html](http://www.act.org/aap/disab/policy.html) / **College Board Website:** [www.collegeboard.com/ssd/](http://www.collegeboard.com/ssd/)

## STM More Program

**Program Purpose:** To provide extensive support to students with diagnosed learning disabilities in a differentiated classroom setting.

**Goals for students:**

- To provide differentiated instruction in a regular college prep curriculum
- Empower students with disabilities to become self-advocates and thereby take ownership for their learning
- To encourage students to celebrate their differences and recognize their God-given talents

**Criteria for admission:**

- Completed application
- Current evaluation (within 3 years) with an identified learning disability
- Current school records (report-card, standardized test scores)
- Participation in an elementary/middle school support program
- Current classroom interventions and accommodations.

*\*\*\*Eligibility will be approved by the Academic Support Program Committee*

**More Program Courses Available:**

- Algebra I, Geometry, Algebra II, Advanced Math
- English I, II, III, & IV
- Physical Science, Biology, Chemistry, Environmental Science
- World Geography, Civics, American & World History
- Study Skills
- American Sign Language (online only)

**Possible Accommodations** (determined through an Individual Accommodation Plan)

- ASP accommodations are provided plus the following:
  - Small group instruction
  - Differentiated instruction methods
  - Multi-sensory modes of instruction
  - Extended time for assignments and projects
  - Tasks broken down into sequential steps
- Additional accommodations to be determined by the MORE Program Committee

*\*\*\*Note: The St. Thomas More curriculum is not modified in the MORE program. Students may qualify for accommodations at STM and not meet the criteria for special testing on national standardized tests. (SAT / PSAT / ACT)*

**Criteria for Extended Time on Standardized Tests – ACT / SAT / PSAT / AP**

Officials from testing companies determine student eligibility for extended time on standardized tests. Although specific requirements vary, both companies (ACT and College Board) require that a student have a **recent (last 3-5 years) formal evaluation from a certified professional on file at the school to meet basic guidelines. Refer to the websites below for detailed criteria.**

ACT Website: [www.act.org/aap/disab/policy.html](http://www.act.org/aap/disab/policy.html) College Board Website: [www.collegeboard.com/ssd/](http://www.collegeboard.com/ssd/)

# COURSE DESCRIPTIONS

## ----- ENGLISH -----

### **ENGLISH I**

**Grade Level: 9**

**Credit: 1 unit**

This course stresses the development and refinement of good writing skills and incorporates a genre survey of literature. Through the writing process, students work on the development of well-supported paragraphs within multi-paragraph essays, utilizing the Criterion platform to revise their work. As part of their genre survey, students read short stories, novels, non-fiction selections, selections from mythology, and a Shakespearean play. Students discuss and analyze the basic technical aspects of these readings. In addition, they are required to do some independent reading outside of class. Students also study vocabulary and grammar usage. Information literacy skills are taught, and students complete a research project and several creative projects. Media literacy is incorporated as a means of enhancing and giving relevance to text with opportunities to improve communication skills necessary in a technology-based society.

### **ENGLISH I HONORS**

**Grade Level: 9**

**Credit: 1 unit**

**Prerequisite: Instructor and Scheduling Committee Approval**

This course stresses the development and refinement of good writing skills and incorporates a genre survey of literature. The revision step of the writing process is emphasized as students complete a comprehensive research project and many creative projects. As part of their genre survey, students read short stories, novels, selections from mythology, and Shakespearean plays and discuss the basic technical aspects of these readings. In addition to the literature studied in English I, students have outside reading and writing assignments of a more challenging nature each quarter. Students also study vocabulary and grammar usage and compete nationally four times a year in the Wordwright Challenge. Information literacy skills and media literacy are incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society.

### **ENGLISH II**

**Grade Level: 10**

**Credit: 1 unit**

**Prerequisite: English I**

This course provides a survey of World Literature and reinforces, expands, and enhances the writing skills, vocabulary study, and grammar review completed in English I. Students read short stories, novels, poetry, essays, plays, and non-fiction informational texts. They are expected to recognize the technical aspects of the readings; i.e., the elements of poetry and fiction. Comprehension skills such as drawing conclusions and making inferences are emphasized in all readings. A college information search project and various critical analysis projects are also completed. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills.

### **ENGLISH II HONORS**

**Grade Level: 10**

**Credit: 1 unit**

**Prerequisites: English I and Instructor and Scheduling Committee Approval**

This course provides a survey of World Literature and reinforces, expands, and enhances the writing skills, vocabulary study, and grammar review completed in English I Honors. Students in Honors English II continue to participate in the Wordwright national vocabulary development challenge throughout the year. Students read short stories, novels, poetry, essays, plays, and non-fiction informational texts. In addition to works studied in English II, honors students read additional works of a more complex nature. They are expected to recognize the technical aspects of the readings; i.e., the elements of poetry and prose fiction. Comprehension skills such as drawing conclusions and making inferences are emphasized in all readings. Special projects include a critical analysis poetry research project, a college information search, and other critical analysis projects. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society.

### **ENGLISH III**

**Grade Level: 11**

**Credit: 1 unit**

**Prerequisite: English II**

This course is a chronological and thematic survey of American literature and its correspondence to American history. Throughout the year, students are required to read supplemental novels and plays by American authors and to complete analytical projects on these works. Advanced composition skills and college-preparatory vocabulary development are stressed. Students are expected to apply the grammar lessons covered in English I and English II in their writing and are taught more sophisticated ways to revise and enhance text. A major unit focusing on persuasion and rhetoric results in several relevant products, and an MLA-format research paper with a focus on literary analysis and criticism is required. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society.

### **ENGLISH III HONORS**

**Grade Level: 11**

**Credit: 1 unit**

**Prerequisites: English II and Instructor and Scheduling Committee Approval**

This course is a chronological and thematic survey of American literature and its correspondence to American history. Honors students also complete additional assignments of a more challenging nature. They read supplemental American novels and are expected to produce a writing project with each novel read. Students are expected to apply the grammar lessons covered in English I and English II in their writing and are taught more sophisticated ways to revise and enhance text. Vocabulary appropriate for college-bound students and extensive study and application of literary terminology are also incorporated. A major unit focusing on persuasion and rhetoric results in several relevant products while the year's primary research project is analytical in nature and requires the extensive development and support of a limited thesis. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society.

### **AP ENGLISH LANGUAGE AND COMPOSITION - ENGLISH III**

**Grade Level: 11**

**Credit: 1 unit**

**Prerequisites: English II Honors and Instructor and Scheduling Committee Approval**

**Course Fee: \$150 for testing fee and supplemental resources**

This college-level course engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions within a writer's purpose, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The course teaches students to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions and to cite sources using conventions recommended by the Modern Language Association. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society. Students are required to take the National Advanced Placement Exam.

### **ENGLISH IV**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisite: English III**

This course provides a survey of classic and contemporary European literature, both fiction and nonfiction. In order to reveal the universality of the human experience, students explore ancient works such as epic poetry, Greek drama, medieval stories, Renaissance pieces, Shakespearean tragedy, and classic novels. In addition, the course offers fundamental grammar review and its application to composition. The objectives of vocabulary lessons include improving vocabulary, exposing the origins of words, and fostering a lifetime interest in words and their backgrounds. In addition to writing literary analyses, students also practice expository, descriptive, narrative, and persuasive writing. To reinforce a love of reading and learning, students are required to choose and read fiction or nonfiction books for assessment. Course technology utilizes innovative and effective tools for evaluating students' written work. Students are offered multiple technology-based opportunities to improve their communication skills.

### **ENGLISH IV HONORS**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisites: English III and Instructor and Scheduling Committee Approval**

This course provides a survey of classic and contemporary European literature, both fiction and nonfiction. In order to reveal the universality of the human experience, students explore ancient works such as epic poetry, Greek drama, medieval stories, Renaissance pieces, Shakespearean tragedy, and classic novels. In addition to works studied in English IV, honors students read works of a more complex nature. Their study of literature is more analytical, and the students are required to make comparative analyses of major literary works. In composition, the assignments provide a greater challenge in analytical writing, creative writing, and literary style.

### **DUAL ENROLLMENT ENGLISH IV HONORS**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisites: ACT Reading score of 24, ACT English score of 18, ACT Math score of 19, ACT composite of 22, and must have a cumulative GPA of 3.0 and Scheduling Committee Approval.**

English IV Dual Enrollment offers seniors the opportunity to complete two semesters of college English coursework while simultaneously completing their high school English credits. Therefore, the course satisfies the requirements set by both St. Thomas More and the English Department at the University of Louisiana at Lafayette. The year-long course will cover English 101 (Introduction to Academic Writing) and English 102 (Introduction to Research Writing). Students will complete an extensive writing portfolio that focuses on the craft of writing and research with an emphasis on wide-reaching global issues appropriate to a Catholic social and ethical worldview. Students will engage in extensive activities to practice the craft of writing and research in the academic classroom, learn about the in-depth process and high standards required in a college writing curriculum, and produce “polished prose” throughout the semester, the quality and quantity of which will be appropriate for first and second semester college English classes. The writing produced in English 101 will emphasize basic principles of academic writing, while English 102 will emphasize writing in discipline-specific styles. In both semesters, students will participate in research, discussion, and deliberation about issues related to the global vision of the course and complete various reflection assignments to practice the skills of self-assessment and independent learning.

### **AP ENGLISH LITERATURE AND COMPOSITION - ENGLISH IV**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisites: English III Honors and Instructor and Scheduling Committee Approval**

**Course Fee: \$150 for testing fee and supplemental resources**

This course engages students in the careful reading and critical analysis of imaginative literature. Through the study of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work’s structure, style, and themes as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. The course also teaches students to carefully and specifically respond to literature in oral, visual, and written forms. They increase their understanding of the conventions of literary criticism. Because we offer this course during senior year, the course incorporates a study of significant works of world literature. Media literacy is incorporated as a means of enhancing and giving relevance to text, and students are provided with opportunities to improve communication skills necessary in a technology-based society. Students are required to take the National Advanced Placement Exam.

### **CREATIVE WRITING I**

**Grade Level: 11, 12**

**Credit: ½ unit**

In this writing course, students examine well-crafted stories, poems, and essays and complete a thorough study of creative writing techniques. They also participate actively in local, state, or national creative writing communities. Publication of student work is emphasized. This course may be taken for elective credit only.



**ACT PREP****Grade Level:** 11, 12**Credit:** ½ unit**Prerequisite:** Scheduling Committee Approval**Course Fee:** Textbook purchase is required

This course prepares students for the American College Testing (ACT). The ACT is a predictable test that can be conquered through practice. Students will learn test-taking strategies and refine their understanding of English language and math concepts through in-depth review and intensive practice. In addition, because four or more ACT practice exams will be taken during the semester; students will become more comfortable with the test format and administration procedures.

----- ***FINE ARTS*** -----

**ART I****Grade Level:** 9, 10, 11, 12**Credit:** 1 unit**Course Fee:** \$65

Art I is a studio-based course that is an in-depth study of the elements of art, principles of design, and the development of skills necessary to solve artistic problems. Art history, art criticism, media knowledge, sketchbook practice, class critiques, technology integration, and good craftsmanship are all integral parts of each assignment. Students will learn the language of art through a working verbal and visual vocabulary while having lots of fun creating Art!

**ART II****Grade Level:** 10, 11, 12**Credit:** 1 unit**Prerequisite:** Art I**Course Fee:** \$65

Art II introduces the student to a variety of media, including work with materials such as pencil, pen and ink, charcoal, pastels, paints, 3-D materials, and technology integration. Projects will develop imagination and artistic skills by allowing students to explore various approaches to problem solving in art.

**ART II HONORS****Grade Level:** 10, 11, 12**Credit:** 1 unit**Prerequisites:** Art I and Instructor and Scheduling Committee Approval**Course Fee:** \$65

Art II Honors is for the advanced art student who has excelled in Art I. It will introduce students to a variety of media (watercolor, pen and ink, colored pencil, painting, sculpture, digital graphics, etc.) and will emphasize creative processing. The students will be given various open-ended assignments that require experimentation and creativity.

**ART III HONORS****Grade Level:** 11, 12**Credit:** 1 unit**Prerequisites:** Art II and Instructor and Scheduling Committee Approval**Course Fee:** \$65

Art III Honors is designed to help students develop their artistic skills through in-depth process-oriented projects and technology integration. Students will produce large-scale works with a focus on cultivating their individual artistic style. Various contemporary art movements will be integrated into each assignment.

### **ART IV HONORS**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Art III Honors and Instructor and Scheduling Committee Approval**

**Course Fee: \$65**

The objective of this course is to develop a more refined sense of *composition* and *design* and to develop *creativity* and *problem-solving* skills through the completion of artistic problems with built-in constraints. Collaborative, large-scale projects as well as individually directed projects will be assigned.

### **AP STUDIO ART IV**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Art III Honors or Art III Painting and Instructor and Scheduling Committee Approval**

**Course Fee: \$250**

AP Studio Art is directed toward individual study while having the opportunity to gain up to three college credits in visual arts. Projects, though very broad, will be assigned with the requirements for the portfolio in mind. Students will be working independently with weekly critique sessions conducted by the teacher. A portfolio consisting of 24 pieces of artwork is required by the end of the school year for AP credit. Fee includes matting and mounting of 5 quality pieces, AP testing portfolio materials, and specialty art supplies.

### **MEDIA ARTS**

**Grade Level: 10,11,12**

**Credit: 1 unit**

**Course Fee: \$25**

This course will be an overview of design theory. Topics such as the principles of color, aesthetics, composition (layout), and concept designing that are used when creating in Photoshop, Illustrator, and film will be covered. The goal of this course is to better prepare students to see through a designer's eye in order to successfully create exceptional work while using various technologies throughout their studies.

### **MEDIA ARTS II**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

**Prerequisites: Scheduling Committee approval**

Students will develop skills in basic video camera operation; post-production skills in graphics, audio, and editing; scriptwriting and storyboarding; and skills in the direction and production of video projects. Students will write, produce, direct, and edit television programs using Adobe Photoshop, Adobe Premier and appropriate equipment. Students will develop problem-solving skills while handling unexpected issues which arise in the production process, while also adhering to production deadlines. Students will ultimately specialize in one or more areas of television production to produce a 10-minute television program every week.

### **MEDIA ARTS III**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Prerequisites: Media Arts II and Scheduling Committee approval**

This course will take a deeper dive into the production of the school's weekly live broadcast, Cougar Cast. Students focus on producing, editing and directing. Media Arts III students help train first year production students on the inner workings of the show. They work towards mastering the Adobe Suite and becoming Adobe certified. Students are also expected to present and participate in state, regional and national competitions.

#### **MEDIA ARTS IV**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Media Arts II & III and Scheduling Committee approval**

Third year Media Arts students are the producers and directors of the school's weekly live broadcast, Cougar Cast. They manage the rundown of the show and assign roles to other students. They participate in the teaching of the Adobe Suite to students in Media Arts II & III. They oversee all aspects of the program's production and are expected to present and participate in state, regional and national competitions.

#### **BAND**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

**Prerequisite: Band Director Approval**

**Course Fee: \$500**

This course focuses on developing strong skills in reading music and improving the technical skills of playing instruments. The activities are designed to enhance students' performances and broaden their musical understanding as it relates to the arts, history, and culture. Special emphasis is placed on listening to professional performances and on comparative analysis of students' performances in relation to this professional standard. Participation is mandatory for select athletic events, pep rallies, festivals, contests, parades, Christmas concert, winter concert, Fine Arts Showcase, and graduation. Further details will be explained at the band parent meeting regarding time commitments and costs. Beginners are welcomed in this course.

#### **BEGINNING GUITAR LEVEL 1**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Course Fee: \$75**

This one-year course is designed for students with no previous guitar experience. Students will receive guidance and direction in solving problems related to playing the guitar at a beginning level and will learn many of the different styles, skills and techniques required to become a successful guitarist. Areas of concentration include correct posture, note reading, aural skills, flat-picking, singing songs, rhythmic patterns, chord study, finger-picking styles, musical forms, improvisation and performing experiences. Students must provide guitar or pay a fee of \$190 to purchase one.

#### **CHORUS**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

**Course Fee: \$150**

This course is designed to develop a fundamental technical knowledge of the voice as an instrument, a fundamental literacy in music reading skills, and a basic appreciation of vocal music. The chorus will perform a varied repertoire of music including sacred, classical, folk, jazz, and popular music. Audition is not necessary. Previous vocal experience or musical knowledge is not required. Members participate in the District III Solo and Small Ensemble Assessments, Honor Choir, and Large Ensemble Performance Assessments as appropriate. The Chorus performs for Academic Pep Rally, Christmas Concert, and Spring Concert as well as appropriate venues within the community.

#### **COMPETITIVE DRAMA**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Prerequisite: Scheduling Committee Approval**

Competitive Drama is designed for members of the competitive speech squad whose primary interest is drama. This is a lab class that includes in-depth work on dramatic and humorous interpretation and duet acting. This class is also responsible for helping host an inter-scholastic speech tournament at STM. Tournament participation is required.

### **COMPETITIVE DEBATE**

**Grade Level:** 10, 11, 12

**Credit:** 1 unit

**Prerequisite:** Scheduling Committee Approval

Competitive Debate is offered to members of the competitive speech team whose primary interest is in the forensic area. This is a lab class that includes in-depth work on debate, oratory, extemporaneous speaking, Lincoln-Douglas debate, and Student Congress. Tournament participation is required. This class is also responsible for helping host an interscholastic speech tournament held at STM.

### **THEATRE**

**Grade Level:** 9, 10, 11, 12

**Credit:** 1 unit

Theatre is designed for the student interested in theatre and offers both historical data and “hands-on” experience. The student will learn about the history of the theatre and the people instrumental in its development. The fundamentals of sound technology for the stage and the application of stage make-up will also be taught.

### **THEATRE ELECTIVE – THEATER DESIGN AND TECHNOLOGY**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Course Fee:** \$35

This class offers organized study of basic stage scenery design principles and set construction techniques. Students will learn the basics of stage lighting design theory and the safe placement and circuiting offstage lighting. Students also study basic principles of sound amplification in a theatre setting and copyright laws concerning sound design. Students in this class may assist with the current production(s) as class projects.

### **ENGINEERING DESIGN & DEVELOPMENT**

**Grade Level:** 11, 12

**Credit:** 1 unit

**This course counts as an Art credit**

**Corequisites/Prerequisites:** Min. of 87% in Principles of Engineering and Scheduling Committee approval

**Course fee:** \$60

Engineering Design & Development is an extension of Principles of Engineering in which students pursue in-depth knowledge and skills in their chosen engineering field through the completion of advanced discipline-focused engineering projects. They will continue to develop the essential skills and strategies introduced in Principles of Engineering, while focusing on the pursuit of advanced knowledge and skills directly related to the engineering field(s) they have chosen to pursue in college and beyond. This course offers students the opportunity to share their designs at multiple on and off-campus events. The culminating first semester project is an engineering design project that will be entered in the Science and Engineering Fair. Students will submit proposals for the second semester (final) project for the course, which should focus on a branch of engineering that they are considering pursuing as a career path.

## ***----- HEALTH AND PHYSICAL EDUCATION -----***

### **HEALTH/PHYSICAL EDUCATION I**

**Grade Level:** 9

**Credit:** 1 unit

This course includes instruction in health. Students will gain an understanding of rules, regulations, and skills in the area of team sports with an introduction to individual sports. Each sport unit has a segment including the sports techniques, basic skills, and competition in that sport.

### **HEALTH/PHYSICAL EDUCATION II**

**Grade Level:** 10

**Credit:** 1 unit

**Prerequisite:** Health/Physical Education I

This course builds on the knowledge of Health/PE I and includes instruction in health. Students learn strategies and gain advanced skills in team and individual sports. This course also includes an introduction to lifetime sports and lifelong leisure pursuits.

**GIRL'S FITNESS II, III, IV****Grade Level: 10-12****Credit: 1 unit****Prerequisites: Health/Physical Ed I**

This elective physical education class is designed for students who desire a more rigorous curriculum with emphasis on cardiovascular and resistance training. This class is very physically demanding and requires a high level of motivation. Includes mandatory off campus Cycle Bar classes and off campus distance running.

**GIRL'S TRAINING AND CONDITIONING II, III, IV****Grade Level: 10-12****Credit: 1 unit****Prerequisites: Health/Physical Ed I**

This elective physical education class is designed for students who desire a more rigorous curriculum with emphasis on strength, speed, and athletic performance. Girls in this class must be currently on the Volleyball, Basketball, or Softball team.

**BOY'S TRAINING AND CONDITIONING II, III, IV****Grade Level: 10-12****Credit: 1 unit****Prerequisites: Health/Physical Ed I**

This elective physical education class is designed for students who desire a more rigorous curriculum with emphasis on strength, speed, and athletic performance. This class is very physically demanding and requires a high level of motivation.

**BOY'S LIFE AND RECREATION III, IV****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: Health/Physical Ed I and II**

This course builds on the knowledge of Health/PE I and II. Students learn strategies and gain advanced skills in team and individual sports. This course also includes an introduction to lifetime sports and lifelong leisure pursuits.

**GIRL'S LIFE AND RECREATION III, IV****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: Health/Physical Ed I and II**

This course builds on the knowledge of Health/PE I and II. Students learn strategies and gain advanced skills in team and individual sports. This course also includes an introduction to lifetime sports and lifelong leisure pursuits.

**KINESIOLOGY****Grade Level: 11, 12****Credit: ½ unit****Prerequisites: Health/Physical Education I and II and Biology I**

This is an elective physical education course in which students are taught anatomy and physiology of human muscle and bone structures. It includes in-depth study of biomechanics and muscle development, as well as the study of nutrition and strength and conditioning for the competitive athlete to obtain optimal physical and mental performance. This course will benefit those interested in pursuing a career in physical therapy, fitness training, coaching, or medical fields.

<b>Track I</b>	<b>Track II</b>	<b>Honors Track I</b>	<b>Honors Track II</b>	<b>Honors Track III</b>
Algebra I	Geometry	Algebra I Honors	Algebra I Honors	Geometry Honors
Geometry	Algebra II	Geometry Honors	Geometry Honors and Algebra II Honors (Concurrently)	Algebra II Honors
Algebra II	Adv. Math – Pre-Calculus	Algebra II Honors	Pre-Calculus Honors	Pre-Calculus Honors
Adv. Math -Pre-Calculus	Probability and Statistics *Algebra III DE/Honors	Pre-Calculus Honors	*Algebra III DE/Honors AP Calculus	*Algebra III DE/Honors AP Calculus

\* Scheduling Committee approval needed

### **ALGEBRA I**

**Grade Level: 9**

**Credit: 1 unit**

This course includes the addition, subtraction, multiplication, and division of real numbers and polynomials. Techniques of solving, writing, and graphing linear equations and inequalities are included. Solving systems of linear equations and inequalities, manipulations involving exponents and exponential functions are integral to the course. Methods to solve quadratic equations, graphing basic quadratic functions, and factoring polynomials complete this course. Students in this course will continue to work on basic math skills. Applicable word problems are studied throughout the year. Calculators are not used until after Chapter 2. A Texas Instruments TI-83 or TI-84 graphing calculator is required for this course and is used to facilitate learning.

### **ALGEBRA I HONORS**

**Grade Level: 9**

**Credit: 1 unit**

**Prerequisite: Scheduling Committee Approval**

This course is designed for those students who have successfully met the honors criteria. This course includes all topics covered in Algebra I CP but at a more rigorous and advanced level and at an accelerated pace. This course is an advanced study of addition, subtraction, multiplication and division of real numbers and polynomials. Techniques of simplifying and graphing first and second degree polynomials, as well as techniques of problem solving (word problems) are developed. Simplification of rational expressions, a preliminary discussion of ideas relating to geometry, the solution of equations, and an introduction to irrational numbers are included. An introduction to domain and range is covered. A Texas Instruments TI-83 or TI-84 graphing calculator is required for this course and is used to facilitate learning.

### **GEOMETRY**

**Grade Level: 9, 10**

**Credit: 1 unit**

**Prerequisite: Algebra I**

This course covers the development of a logical mathematical system through the use of deductive and inductive reasoning. Students are taught the logic necessary to prove theorems. Coordinate geometry is covered. Topics include measurement formulas; geometric and spatial visualization; drawing skills, properties of congruence, similarity, parallelism, and perpendicularity; properties of plane and solid figures. Computer software is used to facilitate a discovery approach to proofs.

### **GEOMETRY HONORS**

**Grade Level: 9, 10**

**Credit: 1 unit**

**Prerequisites: Algebra I and Scheduling Committee Approval**

This course is designed for those who have successfully completed Algebra I at the 8<sup>th</sup> grade level or Algebra I Honors at the high school level with a B or higher and have met the honors criteria. This course includes all topics covered in Geometry CP but at a more rigorous and advanced level and at an accelerated pace. Students utilize inductive reasoning to discover patterns and make conjectures. Also, there is a strong emphasis on discovery and Geometry Sketchpad Software is used to aid in the approach. Students employ deductive reasoning to confirm conjectures with formal proofs. Topics include measurement, geometric and spatial visualization, congruence, similarity, parallel and perpendicular relationships, polygonal figures, transformational and coordinate geometry, perimeter, area, volume, and right triangle trigonometry.

### **ALGEBRA II**

**Grade Level: 10, 11**

**Credit: 1 unit**

**Prerequisite: Geometry**

This course involves manipulations of variables and real numbers similar to Algebra I. Topics included are solving systems of equations, using data, graphing on the Cartesian coordinate system, and simplifying expressions. Evaluating, graphing, and solving equations for each of the following functions – linear, quadratic, polynomials, rational, radical, exponential, logarithmic, and inverse functions, are explored. Conic sections and complex numbers are covered. Applicable word problems are studied throughout the year. A Texas Instruments TI-83 or TI-84 graphing calculator is required for this course and is used to facilitate learning.

### **ALGEBRA II HONORS**

**Grade Level: 10, 11**

**Credit: 1 unit**

**Prerequisites: Geometry Honors and Scheduling Committee approval**

This course is designed for those who have successfully completed Geometry Honors with a B or higher and successfully have met the honors criteria. This course includes all topics covered in Algebra II CP but at a more rigorous and advanced level and at an accelerated pace. Topics also include matrices, a more rigorous study of functions, more rigorous applications, and more theory behind all of the different topics. Applicable word problems are studied throughout the year. A Texas Instruments TI-83 or TI-84 graphing calculator is required for this course and is used to facilitate learning.

### **ADVANCED MATH – PRE-CALCULUS**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisite: Algebra II**

The focus in the first semester is the intense study of Trigonometry. Topics included are the six trigonometric functions and their inverses, their graphs, solving trigonometric equations, verifying trigonometric identities, polar equations, and graphing. The second semester focuses on the intense study and theory of linear functions and systems, polynomials, inverse functions and relations, and the nature of graphs of these different functions and relations. More topics include exponential and logarithmic functions, series, binomial expansion, synthetic division, and limits. The TI-83 or TI-84 graphing calculator is used in this course to facilitate learning.

### **ALGEBRA III DE/HONORS**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisite: Grade of A or B in prerequisite courses of Advanced Math – Pre-Calculus or Pre-Calculus Honors, 3.0 GPA, ACT math score of 23, ACT English score of 18, and ACT composite of 19.**

**Course Fee and Wiley Plus purchase is required through ULL per semester.**

This course is open to seniors. Dual Enrollment through the University of Louisiana at Lafayette is offered and six hours of college credit can be obtained. Semester one is an in-depth analysis of functions correlating with Math 109 including algebraic, exponential, and logarithmic functions. Semester two is trigonometry corresponding to Math 110 including trigonometric and trigonometric inverse functions, equations, and graphs, fundamental trigonometric identities, and the polar coordinate system.

### **PRE-CALCULUS HONORS**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisites:** Algebra II Honors and Scheduling Committee Approval

This course is designed for those who have successfully completed Algebra II Honors with a B or higher and successfully have met the honors criteria. This course includes all topics covered in Advanced Math – Pre-Calculus but at a more rigorous and advanced level and at an accelerated pace. This course is designed to expose students to a variety of mathematical topics, building and expanding on the skills and concepts taught in the core courses. The first semester includes an intense study of trigonometry. This course explores functions and properties of functions as introduced in earlier math courses. Connections are made between trigonometry and vectors, parametric equations, complex numbers, and analytic geometry. Other topics include analysis, logic, probability, statistics, discrete mathematics, induction, polar coordinates and graphing, matrices, and arithmetic and geometric sequences and series. Applicable word problems are studied throughout the year. The definition of continuous function, limits, and derivatives is studied. The TI-83 or TI-84 graphing calculator is used intensively.

### **AP CALCULUS AB**

**Grade Level:** 12

**Credit:** 1 unit

**Prerequisites:** Pre-Calculus Honors, Scheduling Committee Approval, and 28 Math ACT

**Course Fee:** \$150, Textbook purchase is required

This course is an intensive college-level study of differential and integral calculus of functions of one variable. Topics include properties of functions and their graphs, limits, continuity, derivatives, indefinite and definite integrals. Exponential, logarithmic, and trigonometric functions are included. Mean-Value Theorem, Fundamental Theorem of Calculus, application of area under a curve, solids of revolution, optimization problems, related rate problems, slope fields, growth and decay problems are covered. All students are required to take the National Advanced Placement Exam. Students must be proficient with and without a calculator. Applications to real-life situations are emphasized through free response questions.

### **PROBABILITY AND STATISTICS**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisites:** Advanced Math – Pre Calculus and Scheduling Committee Approval

Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses, and confirming models

### **ACT PREP**

**Grade Level:** 11, 12

**Credit:** ½ unit

**Prerequisite:** Scheduling Committee Approval

**Course Fee:** Textbook purchase is required

This is a semester course that prepares students for the American College Testing (ACT) test. The ACT is a predictable test that can be conquered through content knowledge and practice. Students will learn test-taking strategies and refine their understanding of the English language, and math concepts through in-depth review and intensive practice. In addition, because three or more ACT practice exams will be taken during the semester; students will become more comfortable with the test format and administration procedures.



----- **PUBLICATIONS** -----

**YEARBOOK I**

**Grade Level:** 10, 11, 12

**Credit:** 1 unit

**Prerequisite:** Scheduling Committee Approval

Students will be instructed in the fundamentals of design layout using Adobe In Design, copy, caption and headline writing, and the basics of digital photography. Students will be responsible for covering all in-school and extracurricular activities. Students may be required to work on the yearbook after school and during the summer months. Computer skills are required. Students are directly involved in the production of the school yearbook.

**YEARBOOK II**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisites:** Yearbook I and Scheduling Committee Approval

Students will be instructed in the fundamentals of layout design using Adobe In Design, copy, caption, and headline writing, as well as basics of digital photography. Students will be responsible for covering all in-school and extracurricular activities. Students may be required to work on the yearbook after school and during the summer months. Computer skills are required. Students are directly involved in the production of the school yearbook.

----- **RELIGION** -----

**RELIGIOUS STUDIES I**

**Grade Level:** 9

**Credit:** 1 unit

**Course Fee:** Textbook purchase is required

**Christ the Lord:** This year-long course corresponds to the Christological semester courses of year one of the United States Conference of Catholic Bishops (USCCB) Curriculum. The main course topics include Divine Revelation, the relationship between human reason and Divine Revelation, Creation, Sin and the Fall of humanity, Salvation History, God's Preparation of the Promised Messiah through the Old Covenant, the New Covenant of Jesus Christ and the Gospels, the Virgin Mary, the Holy Spirit and the Church, etc. This Christological course will also give the student a working knowledge of the Bible, since "All Sacred Scripture is but one book, and this one book is Christ, because all divine Scripture speaks of Christ, and all divine Scripture is fulfilled in Christ" (*Catechism of the Catholic Church*, # 134).

**RELIGIOUS STUDIES II**

**Grade Level:** 10

**Credit:** 1 unit

**Course Fee:** Textbook purchase is required

**The History of the Catholic Church:** Sophomore Theology consists of a year-long course designed to give a historical overview of the Catholic Church. This course will explore the nature and history of this institution established by Christ to bring His salvation to all peoples of all times and places. Some of the topics include: the Church's foundation upon Peter and the Apostles, Apostolic Succession, the Holy Spirit in the life of the Church, the Four Marks of the Church, the Creed, as well as a survey of the major events in the life of the Church over the past 2000 years.

### **RELIGIOUS STUDIES III**

**Grade Level:** 11

**Credit:** 1 unit

**Course Fee:** Textbook purchase is required

**The Moral Life in Christ:** Following the USCCB curriculum, one semester of the junior year will consist of a survey of the Catholic moral tradition. Key ideas of freedom, law, sin, conscience, and conversion will be developed in order to discuss, analyze, and embody Christian action and morals. Scripture, especially the Ten Commandments and Beatitudes, along with *The Catechism of the Catholic Church*, will be the lenses through which moral action is reviewed with the goal of evaluating current moral issues in today's world.

**The Sacraments:** This semester course will explore the seven sacraments given by Christ to the Church. "The seven sacraments touch all the stages and all the important moments of Christian life: they give birth and increase, healing and mission to the Christian's life of faith" (*Catechism of the Catholic Church*, # 1210). This course will explore, among other things, the relationship between the Sacraments and Christian moral discipleship.

### **RELIGIOUS STUDIES IV**

**Grade Level:** 12

**Credit:** 1 unit

**Course Fee:** Textbook purchase required

Senior Theology consists of two semester courses designed to build upon the foundation of the previous three years of Theology (aligned with the curriculum of the United States Conference of Catholic Bishops Options A, C, and D).

**Scriptural Apologetics:** This semester course will prepare students to understand the natural relationship between both faith and reason and be able to rationally defend our faith. The intellectual arguments for God's existence will be thoroughly explored, as well as the reasonableness of accepting faith in Christ and in the Holy Spirit working through the Church.

**Responding to the Call of Jesus Christ:** This semester course will prepare students to enter the adult world as disciples of Christ. The states of life of Marriage, Holy Orders, and the Consecrated Life will be thoroughly explored to enable fruitful vocational discernment. Through the Church's teachings on Social Justice, this course will also emphasize the Christian call to service.

### **CAMPUS MINISTRY**

**Grade Level:** 12

**Credit:** 1 unit

**Prerequisites:** Member of Senior Campus Ministry and Instructor and Scheduling Committee Approval

Students will engage in the daily assistance and learning of actual/real-life ministry based on experiential learning and immersed in the following topics: Prayer & Spirituality Development, Social Justice & Service Leadership, Marketing, Administration, Retreat/Event Planning and Logistics, Scripture, Social Sciences.

## ----- SCIENCE -----

### **PHYSICAL SCIENCE**

**Grade Level:** 9

**Credit:** 1 unit

Physical Science includes an introduction to basic chemistry and physics. Topics covered in lab and class include the study of matter, the metric system, motion and force, work, conservation and transformation of energy, heat, and waves. Students will develop inquiry and problem-solving skills within the context of scientific investigation. Students will apply what they learn to everyday situations by conducting investigations and formulating and testing their own hypothesis.

### **PHYSICAL SCIENCE HONORS**

**Grade Level: 9**

**Credit: 1 unit**

**Prerequisite: Scheduling Committee Approval**

Students will study introductory chemistry and physics. This course covers fundamental and in-depth concepts including force, motion, and interactions of matter, energy, structure and properties of matter. Students will learn the relationships between science and technology and how science affects all life. Hands-on laboratory investigations, individual studies and group activities should constitute a major portion of the learning experience.

### **BIOLOGY I**

**Grade Level: 10**

**Credit: 1 unit**

**Prerequisite: Physical Science**

Biology I topics include cellular biology, genetics, human anatomy, botany, invertebrate and vertebrate zoology, evolution, and environment. Laboratory experience is part of the course.

### **BIOLOGY I HONORS**

**Grade Level: 9, 10**

**Credit: 1 unit**

**Prerequisites: Physical Science and Scheduling Committee Approval**

**Corequisites: Geometry Honors**

Biology I Honors emphasizes laboratory study of plants and animals and their natural processes. Topics include cellular biology, histology, genetics, botany, microbiology, human anatomy, invertebrate and vertebrate zoology, evolution, and environment.

### **BIOLOGY II CP**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Biology I and Chemistry**

Biology II CP will include topics of human anatomy and physiology of the body with an emphasis on the systems of the human body. The course will include dissections of mammalian organs and cats to enhance the lessons. This course is ideal for college bound students who are interested in pursuing careers in the medical field.

### **BIOLOGY II HONORS**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Biology I Honors, Chemistry and Scheduling Committee Approval**

Biology II Honors is a second level life science course for students who plan to major in the life science, medical, or related professions. Emphasis is placed upon the study of cellular biology, genetics, human anatomy, and physiology. Students in this course are required to read an extensive amount of advanced-level academic text.

### **AP BIOLOGY**

**Grade Level: 11, 12**

**Course Fee: \$200, Textbook is provided**

**Offered every other year – will be offered 2023-2024 school year**

AP Biology covers one full year of college level general Biology. This course is a rigorous college level course with strong laboratory connections requiring time outside normal school hours. Extensive outside reading and writing required. Heavy molecular Biology component of Life Sciences. Students are required to purchase a supplemental study guide and laboratory notebook. Students are **required** to take the advanced placement exam.

### **CHEMISTRY I**

**Grade Level: 11**

**Credit: 1 unit**

**Prerequisite: Biology**

Chemistry I offers a comprehensive introduction to the basics of modern chemistry. Emphasis is placed on atomic structure, the periodic table and its use, chemical formulas and equations, chemical bonding, gas laws, stoichiometry, behaviors of solutions, and acid/base/salt studies.

### **CHEMISTRY I HONORS**

**Grade Level: 10, 11**

**Credit: 1 unit**

**Pre/Corequisites: Algebra II Honors and Scheduling Committee Approval**

**Corequisite: Current Honors Math**

Chemistry I Honors offers a comprehensive introduction to the basics of modern chemistry, but the approach is more in-depth, and the emphasis is more on quantitative and problem-solving skills.

### **CHEMISTRY II HONORS**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Chemistry I Honors and Scheduling Committee Approval**

Chemistry II Honors is an elective, second year chemistry course for college preparation. This course expands on concepts learned in Chemistry I. Topics covered include acids and bases, solutions, kinetics, oxidation-reduction reactions, equilibrium, thermodynamics, electrochemistry, nuclear chemistry, organic chemistry.

### **AP CHEMISTRY II**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisites: Chemistry I Honors and Scheduling Committee Approval**

**Course Fee: \$200, Textbook purchase is required**

**Offered every other year – will be offered 2022-2023 school year**

The AP Chemistry course provides students with a college-level foundation to support future advanced course work in chemistry. Students cultivate their understanding of structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics and equilibrium. Students are required to take the National Advanced Placement Exam.

### **PRINCIPLES OF ENGINEERING**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Corequisites/Prerequisites: Min. of 87% in the previous year's math and science courses and Scheduling Committee approval**

**Course fee: \$60**

Principles of Engineering is designed for students interested in pursuing an engineering-related degree and career. Through real-world problems that engage and challenge, students explore a broad range of engineering topics and skills from multiple disciplines of engineering. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, data collection and analysis, and presentation. Students develop project management skills including obtaining project materials, managing time, and meeting deadlines. This course offers students the opportunity to share their designs at events both on and off campus. The culminating first semester project is an engineering design project that will be entered in the Science and Engineering Fair. Students will submit proposals for the second semester (final) project for the course, which should focus on a branch of engineering that they are considering pursuing as a career path. (*Principles of Engineering may count as a science in place of Physical Science*)

## **ENVIRONMENTAL SCIENCE**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisite:** Biology I

Environmental Science is an elective course that covers ecology, communities and populations, resource management, pollution, and energy including a comprehensive study of Louisiana's resources and issues. Our proximity to the Gulf of Mexico allows us the opportunity to study the Gulf and other aquatic ecosystems with several speakers visiting class during the year. Each topic will be a consideration of the environmental ethics, politics, and economics. This course includes field work, research projects, integration of data collection with current technologies, and presentations.

## **FIRST RESPONDER**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisite:** Earned a grade of at least a B in Biology

Emergency Medical Responders provide immediate lifesaving care to critical patients who access the emergency medical services system. Emergency Medical Responders have the knowledge and skills necessary to provide immediate lifesaving interventions while awaiting additional EMS resources to arrive. Emergency Medical Responders also provide assistance to higher-level personnel at the scene of emergencies and during transport. Emergency Medical Responders are a vital part of the comprehensive EMS response. Under medical oversight, Emergency Medical Responders perform basic interventions with minimal equipment.

The First Responder course at STM provides instruction for students to earn EMR certification by the year's end.

## **PHYSICS**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Pre/Corequisite:** Advanced Math I

Physics is a theoretical and mathematical science that covers motion, universal gravitation, forces, energy, waves, light, and electricity. The student learns through participation and experimentation in classroom and laboratory experiences. The student develops and improves mathematical skills through problem-solving applications.

## **PHYSICS HONORS**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisites:** Geometry Honors and Scheduling Committee Approval

Physics Honors is a theoretical and mathematical science that involves critical and higher-level thinking skills. Students learn about motion, universal gravitation, forces, energy, waves, light, and electricity; the course includes a more in-depth presentation of topics and more mathematical applications.

## **----- SOCIAL STUDIES -----**

## **WORLD GEOGRAPHY**

**Grade Level:** 9, 10, 11, 12

**Credit:** 1 unit

World Geography presents an overview of the general principles of geography including the relationships between geography and world affairs. The course also includes the study of the physical world, concepts of landforms, climates, oceans, and waterways. The political world concepts of cultures will also be studied. Economic and cultural aspects of human life are stressed.

### **WORLD GEOGRAPHY HONORS**

**Grade Level:** 9, 10, 11, 12

**Credit:** 1 unit

**Prerequisite:** Scheduling Committee Approval

World Geography Honors presents an accelerated overview of the general principles of geography including the relationships between geography and world affairs. The course also includes the study of the physical world, concepts of landforms, climates, oceans, and waterways. The political world concepts of cultures will also be studied. Economic and cultural aspects of human life are stressed. At the Honors level, an intensive pace and considerable self-directed inquiry is expected. Increased emphasis will be placed on research and writing skills.

### **CIVICS**

**Grade Level:** 10, 11, 12

**Credit:** 1 unit

Civics is designed to develop a responsible citizen. The student studies how the national, state, and local governments work. The relationship between the Constitution of the United States and good citizenship is also studied. Free Enterprise covers the United States economy, the workings of our capitalist system, and personal finance.

### **CIVICS HONORS**

**Grade Level:** 10, 11, 12

**Credit:** 1 unit

**Prerequisite:** Scheduling Committee Approval

This course consists of a study of background to the evolution of the United State government. Emphasis is placed on understanding the working mechanisms of government so that as well-informed citizens, students can appreciate the duties of citizenship, through a detailed analysis of our political system. Students will come to understand the practical applications of these philosophical principles. Students will use higher order critical thinking skills as they learn to make responsible decisions as consumers, wage earners, and future voters. Increased emphasis will be placed on research and writing skills.

### **UNITED STATES HISTORY**

**Grade Level:** 10, 11, 12

**Credit:** 1 unit

American History is a college-preparatory course that accounts the growth of the American nation from colonization through the twenty-first century with an emphasis on the post-civil war time period to modern day. This class will focus on the application of critical thinking and technology-based skills in regard to the study of domestic and international policies and specific issues that pertain to particular decades. Students will analyze the political, social, and economic impact of social movements and conflicts on the American citizenry and its allies.

### **UNITED STATES HISTORY HONORS (Dual Enrollment)**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisite:** Instructor and Scheduling Committee Approval

**ACT Reading score of 24, ACT English score of 18, ACT Math score of 19, ACT composite of 22, grade of A or B in previous social studies courses, and must have a cumulative GPA of 3.0.**

American History Honors is an academically challenging course that includes the study of United States history from colonization through the twentieth century. Added emphasis is placed on historical analysis, evaluation of primary and secondary source materials, research, independent study and writing skills. Traditional major themes in American History will be covered. Up to 6 hours of Dual Enrollment credit can be earned through ULL.

### **AP UNITED STATES HISTORY**

**Grade Level:** 11, 12

**Credit:** 1 unit

**Prerequisites:** Civics Honors and Instructor and Scheduling Committee Approval

**Course Fee: \$150, Textbook purchase is required**

AP United States History covers the settlement and subsequent development of the United States from the Age of

Exploration to the present. Course goals are to foster an understanding of the principal themes in American history and to make informed judgments based on the assessment of historic materials. Extensive independent reading and in-class timed writing are stressed. This course is for qualified students who wish to complete studies equivalent to an introductory college course. Students are required to take the National Advanced Placement Exam.

### **WORLD HISTORY**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

World History covers the development of our society from its primitive beginnings to the present. Modern History or Renaissance to the present will constitute the major focus of the course. Survey coverage is given to major world cultures, including the foundations of different world religions and beliefs. Modern themes of intellectual and violent revolutions, the growth of nationalism, world wars, the impact of new technologies, and changing global patterns are among topics covered.

### **WORLD HISTORY HONORS**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Prerequisite: Scheduling Committee Approval**

World History Honors concentrates on western civilizations with reference to non-western developments. Increased emphasis is placed on research, reading, and independent study. The pace of the course will be accelerated.

### **AP EUROPEAN HISTORY**

**Grade Level: 12**

**Credit: 1 unit**

**Prerequisites: Previous Honors Courses and Instructor and Scheduling Committee Approval**

**Course Fee: \$150, Textbook purchase is required**

AP European history covers European History with emphasis on the Renaissance to the present. Course goals are to develop an understanding of the principal themes in modern European History, an ability to analyze historical evidence and ability to analyze and express historical understanding in writing. An increased reading load can be expected, with an emphasis on primary source material. This course is intended for qualified students who wish to complete studies equivalent to an introductory college course. Students are required to take the National Advanced Placement Exam.

### **AP UNITED STATES GOVERNMENT**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Prerequisites: Previous Honors Courses and Instructor and Scheduling Committee Approval**

**Course Fee: \$150, Textbook purchase is required**

The AP United States Government is designed to give students a critical perspective on politics and government. This course involves both the study of general concepts used to interpret United States politics and an examination of the various institutions, groups, beliefs, and ideas that make up American politics. The course is taught with college-level texts. Students are required to take the National Advanced Placement Exam.

### **LAW STUDIES/COMMUNICATION SKILLS**

**Grade Level: 11, 12**

**Credit: 1 unit**

This is an interactive course designed to give students an introduction to the law, the basic structures and processes, and the major cases and court decisions of the American legal system while developing their communication, critical-thinking, analytical, and problem-solving skills. Units will include Constitutional, Criminal, and Civil Law (Torts, Contracts, and Family Law) by engaging in group discussions, debate, class presentations, guest speaker presentations, mock trials, moot courts, and possibly a trip to see the Lafayette court system in action. The goal of this course is to empower students with the legal knowledge and communication skills necessary to be active and informed citizens who can affect positive change in our world.

## **PSYCHOLOGY**

**Grade Level: 11, 12**

**Credit: ½ unit**

Psychology is the study of human behavior. Behavior is explored through the study of human development. The course will also cover the practical problems of modern life in relation to human development. It is recommended that this course be taken in conjunction with Sociology.

## **AP PSYCHOLOGY**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Prerequisite: Previous Honors Courses and Instructor and Scheduling Committee Approval**

**Course Fee: \$150, Textbook purchase is required**

AP Psychology is designed to mirror an entry-level college course. This course introduces students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are required to take the National Advanced Placement Exam.

## **SOCIOLOGY**

**Grade Level: 11, 12**

**Credit: ½ unit**

Sociology is the study of human society. Key concepts and major theories of sociology will be explored. Social problems, interactions, and institutions such as marriage, family, schools, crime, and poverty are several of the topics that may be examined. It is recommended that this course be taken in conjunction with Psychology.

## **-----TECHNOLOGY AND INNOVATION DEPARTMENT-----**

### **INTRODUCTION TO ACCOUNTING**

**Grade Level: 11, 12**

**Credit: ½ unit**

Accounting is considered the language of business. Students will learn the basic accounting practices and procedures for operating a business. Concepts taught will include journalizing and posting transactions of a business, preparation of financial statements, and an enhanced general knowledge of business. Students will possess the skills necessary for entry-level accounting and bookkeeping careers.

### **COMPUTER ARCHITECTURE**

**Grade Level: 10, 11, 12**

**Credit: 1/2 unit**

**Prerequisite: Scheduling Committee approval**

Computer Architecture prepares students as entry-level service technicians. Core technologies in hardware maintenance and operating systems are at the center of all activities. Skills developed include but are not limited to: operating systems and hardware installation; upgrading; maintenance; and, configuration. Computer Architecture students also test new technology software and hardware prior to whole-school implementation. Students develop skills needed to pass the industry standard A+ certification test.

### **COMPUTER SCIENCE I**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

**Corequisites/prerequisites: Algebra I and Scheduling Committee approval**

**Course fee: \$60**

Computer Science I is designed for students interested in studying the structure and power of programming languages.



Emphasis will be placed on the development of language syntax, control statements, algorithms and logical solution structure, including the use of visual organizers in the design process. Python, a powerful computer language, will be used to code problem solutions. Programming components covered are: input/output, control structures, data types, mathematical formulas, arrays, search, sorts and graphics. Troubleshooting and debugging skills will be developed. An introduction to robots and robotics will be included in the course. Assessments are primarily project-based.

## **COMPUTER SCIENCE II**

**Grade Level 10, 11, 12**

**Credit: 1 unit**

**Corequisites/Prerequisites: Completion of Computer Science I suggested and Scheduling Committee approval**

**Course fee: \$60**

Computer Science II continues the instruction begun in Computer Science I. Emphasis is placed on developing stronger programming skills as well as introducing operating system structure and concepts. The design and programming of innovative projects will introduce the use of programs and programming in a real-world setting. Three-dimensional printing will allow students to incorporate their own design into engineering a practical device. The primary language for development will be Java and assessments are project-based.

## **ADVANCED PLACEMENT COMPUTER SCIENCE A**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Corequisite/Prerequisite: Scheduling Committee approval**

**Course fee: \$200**

Advanced Placement Computer Science A is designed by the College Board as a first-semester college level course focused on learning the Java programming language. The fundamental topics will include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions and the ethical and social implications of computing. This course emphasizes both object-oriented and imperative problem solving and design using the Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex ones.

## **COMPUTER TECHNOLOGY APPLICATIONS**

**Grade Level: 9, 10, 11, 12**

**Credit: 1/2 unit**

This in-depth study of Microsoft productivity software helps students become college and career ready while preparing for Microsoft certification exams. During the semester course, students will prepare for the Microsoft Word and Microsoft Excel exams. Students will then have an opportunity to take the certification exams at any testing center at a date that is convenient for them. These certifications will allow students to differentiate themselves by demonstrating proficiency in skills that are in ever-increasing demand in both higher-ed and industry.

## **DIGITAL MEDIA I (SPORTS MEDIA)**

**Grade Level: 9, 10, 11, 12**

**Credit: 1/2 unit**

This course will use the platform of athletics to introduce students to sport information systems, marketing, promotion, and live event production. The students will assist coaches with Hudl video entry, Hudl data entry, and Hudl highlight production. Students will provide marketing through the production of digital graphics and commercials for sponsors and benefactors. Students will create promotional/informational content for distribution through the use of social media platforms, will assist with the filming, editing, and production of athletic live streams on campus. Students must possess a good work ethic, be reliable, and be available after school to attend/work a minimum of 10 events/games per year.

## **PRINCIPLES OF ENGINEERING**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Corequisites/Prerequisites: min. of 87% in previous year's math and science courses and Scheduling Committee approval**

**Course fee: \$60**

Principles of Engineering is designed for students interested in pursuing an engineering-related degree and career. Through real-world problems that engage and challenge, students explore a broad range of engineering topics and skills from multiple disciplines of engineering. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, data collection and analysis, and presentation. Students develop project management skills including obtaining project materials, managing time, and meeting deadlines. This course offers students the opportunity to share their designs at multiple on- and off-campus events. The culminating first semester project is an engineering design project that will be entered in the Science and Engineering Fair. Students will submit proposals for the second semester (final) project for the course, which should focus on a branch of engineering that they are considering pursuing as a career path.

## **ENGINEERING DESIGN & DEVELOPMENT**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Corequisites/Prerequisites: min. of 87% in Principles of Engineering and Scheduling Committee approval**

**Course fee: \$60**

Engineering Design & Development students will continue to develop the essential skills and strategies introduced in Principles of Engineering. Students will focus on the pursuit of advanced knowledge and skills directly related to their chosen engineering field(s) through the completion of advanced discipline-focused engineering projects. This course offers students the opportunity to share their designs at multiple on- and off-campus events. The culminating first semester project is an engineering design project that will be entered in the Science and Engineering Fair. Students will submit proposals for the second semester (final) project for the course, which should focus on a branch of engineering that they are considering pursuing as a career path.

## **INDEPENDENT STUDY IN TECHNOLOGY**

**Grade Level: 10, 11, 12**

**Credit: ½ unit**

**Corequisites/Prerequisites: Computer Architecture and/or Scheduling Committee approval**

Students get hands-on experience working with the school tablet computers in the help desk setting. Students are in charge of imaging, diagnosing and troubleshooting problems that occur throughout the school day. They work closely with the technology department in testing new software and making sure the teachers and student body are properly trained on using the latest software and operating system on campus.

## **INDEPENDENT STUDY IN TECHNOLOGY**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Corequisites/Prerequisites: Computer Architecture and/or Scheduling Committee approval**

Students get hands-on experience working with the school tablet computers in the help desk setting. Students are in charge of imaging, diagnosing, and troubleshooting problems that occur throughout the school day. They work closely with the technology department in testing new software and making sure the teachers and student body are properly trained on using the latest software and operating system on campus.

## **MULTIMEDIA PRODUCTIONS I**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

Multimedia Productions is a course that combines text, graphics, sound, animation, and video delivered by computer or other electronic means. The course focuses on the systematic design and development of effective, efficient, and appealing visual productions. Students will plan and design production sequences, then use computer-based authoring/multimedia software (such as Adobe Premiere) to deliver the production. Technologies, such as CD/DVD/Blue-Ray technology, digitized audio, digitized still and motion video, and scanned images, are incorporated

into multimedia projects. Students design, develop, implement, and evaluate productions. Class sessions consist of discussions, collaborative activities, demonstrations, skills-building activities, peer evaluation, and time to work on projects.

## **MULTIMEDIA PRODUCTIONS II**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Prerequisite: Multimedia Productions I**

Multimedia II is a course that moves into real life production of videos using the skills attained in Multimedia Productions I. The course focuses on the systematic design and development of effective, efficient, and appealing visual productions to promote and highlight the STM community. Students will plan and design production sequences, then use computer-based authoring/multimedia software (such as Adobe Premiere) to deliver the production. Technologies, such as CD/DVD/Blue-Ray technology, digitized audio, digitized still and motion video, and scanned images, are incorporated into multimedia projects. Students design, develop, implement, and evaluate productions. Class sessions consist of discussions, collaborative activities, demonstrations, skills-building activities, peer evaluation, and time to work on projects.

## **PRINCIPLES OF MARKETING (with Social Media)**

**Grade Level: 9, 10, 11, 12**

**Credit: 1/2 unit**

Principles of Marketing is designed to look at the increased use of social media by marketers and how various tools are integrated into overall marketing strategies. Students will be introduced to social media fundamentals and etiquette. They will also learn how to manage a successful social media presence for an organization, understand techniques for gaining consumer buy-in, and properly select social media platforms to engage consumers. Through media analysis, students will evaluate how companies and advertisers are using social media to promote their business and products.

## **PRINCIPLES OF BUSINESS**

**Grade Level: 9, 10, 11, 12**

**Credit: 1/2 unit**

Principles of Business is an introductory course to provide students with the skills they need to learn the importance of personal finance including budgeting, managing checking accounts, and using credit wisely. Students will also learn basic accounting equations, different types of insurances, leadership, and ethics in the business world.

## **----- WORLD LANGUAGES -----**

### **FRENCH I**

**Grade Level: 9, 10, 11**

**Credit: 1 unit**

This course includes the basic concepts of learning a language: listening, speaking, reading, and writing. Vocabulary and grammar are taught in the context of real-life situations. The cultural focus is placed on contemporary France, Canada, Louisiana, and Africa.

### **FRENCH II**

**Grade Level: 9, 10, 11, 12**

**Credit: 1 unit**

**Prerequisite: French I**

This course increases the same skills developed in French I. More emphasis is placed on reading comprehension and on writing paragraphs. Students are encouraged to use the language in a meaningful context by writing and performing skits and by giving presentations. The cultural focus is on the diversity of the francophone world.

**FRENCH II HONORS****Grade Level: 9, 10, 11, 12****Credit: 1 unit****Prerequisites: French I and Instructor and Scheduling Committee Approval**

This course is designed for students who have excelled in French I. Emphasis is put on listening and speaking skills, the development of an extensive vocabulary, and advanced grammar concepts in the context of reading and writing assignments.

**FRENCH III HONORS****Grade Level: 10, 11, 12****Credit: 1 unit****Prerequisites: French II and Instructor and Scheduling Committee Approval**

This course provides a more thorough practice of verbs and tenses and the idioms that will enrich the language. Students are introduced to short stories and poems from different parts of the French-speaking world and will complete oral and written reports in French about cultural topics. Special focus is placed on oral proficiency.

**FRENCH IV HONORS (Potentially an Online Provider)****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: French III Honors and Instructor and Scheduling Committee Approval****Course Fee: To be determined by provider (if offered online)**

This course is designed to further develop students' proficiency in the four language skills – listening, speaking, reading, and writing – while deepening their insight into French culture through an exposure to French literature, culture, history, music, and cinema. Emphasis is placed on comprehending and reacting to authentic materials.

**AP FRENCH IV (Online Provider)****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: French III Honors and Scheduling Committee Approval****Course Fee: To be determined by provider**

AP French Language is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of French-speaking peoples and should have attained a reasonable proficiency in using the language. This course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines. Extensive training in the organization and writing of compositions will be emphasized. Students are required to take the National Advanced Placement Exam.

**LATIN I (Online Provider)****Grade Level: 9, 10, 11****Credit: 1 unit****Prerequisite: Scheduling Committee Approval****Course Fee: To be determined by provider**

This course is a reading course in classical Latin with emphasis on comprehension and translation skills. Repetition of controlled vocabulary and grammar is designed to enhance the student's knowledge of English lexicology and syntax. The course, through the reading of simple Latin passages, makes connections to the history, mythology, and culture of ancient Rome. Reading standardized test scores are used in determining placement into this course.

**LATIN II (Online Provider)****Grade Level: 10, 11, 12****Credit: 1 unit****Prerequisites: Latin I and Scheduling Committee Approval****Course Fee: To be determined by provider**

This course builds upon the skills developed in Latin I. Emphasis is placed on more advanced concepts of grammar, vocabulary, and morphology. The focus on lexicon and syntax will be related to the history, culture, and mythology of ancient Rome.

**SPANISH I****Grade Level: 9, 10, 11****Credit: 1 unit**

This course includes the basic concepts of learning a language: listening, speaking, reading, and writing. Vocabulary and grammar are taught in the context of real-life situations. Cultural focus is placed on Spain and the Hispanic world.

**SPANISH II****Grade Level: 9, 10, 11, 12****Credit: 1 unit****Prerequisite: Spanish I**

This course increases the skills developed in Spanish I. More emphasis is placed on vocabulary development, grammatical elements, reading comprehension, and writing. Students are encouraged to use the language in meaningful contexts.

**SPANISH II HONORS****Grade Level: 9, 10, 11, 12****Credit: 1 unit****Prerequisites: Spanish I and Instructor and Scheduling Committee Approval**

This course is designed for students who have excelled in Spanish I. Emphasis is put on listening and speaking skills, the development of an extensive vocabulary, and advanced grammar concepts in the context of reading and writing assignments.

**SPANISH III HONORS****Grade Level: 10, 11, 12****Credit: 1 unit****Prerequisites: Spanish II and Instructor and Scheduling Committee Approval**

This course provides a more thorough practice of verbs and tenses and the idioms that will enrich the language. Students are introduced to the more popular works of Spanish literature and will complete oral and written reports.

**SPANISH IV HONORS (Potentially an online Provider)****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: Spanish III Honors and Instructor and Scheduling Committee Approval****Course Fee: To be determined by provider**

This course is designed to continue development in the four language skills - listening, speaking, reading, and writing - while deepening their insight into Hispanic culture through an exposure to Spanish literature, history, music, and cinema. Through in-class discussions, students develop and improve their listening comprehension and conversational skills. Students will gain proficiency in interpreting written language as well as improve their own writing skills in the target language. Students will read literary selections that give a broad outline of the history of Spanish literature. Students should have maintained a grade of B or higher in previous Spanish courses.

**AP SPANISH IV (Online Provider)****Grade Level: 11, 12****Credit: 1 unit****Prerequisites: Spanish III Honors and Scheduling Committee Approval****Course Fee: To be determined by provider**

AP Spanish Language is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. This course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines. Extensive training in the organization and writing of compositions will be emphasized. Students are required to take the National Advanced Placement Exam.

### **AMERICAN SIGN LANGUAGE I (Online Provider)**

**Grade Level: 10**

**Credit: 1 unit**

**Course Fee: To be determined by the provider**

**Prerequisites: Scheduling Committee Approval**

Through selected readings, visual recordings, and interactive activities online, students will receive instruction in production, comprehension, vocabulary, and grammar to build skills in ASL I. Students will also build their knowledge and understanding of Deaf culture and history. The course adheres to the National Standards for Learning American Sign Language and will address the five goal areas targeted in the World-Readiness Standards for Learning Languages: communication, cultures, connections, comparisons, and communities.

### **AMERICAN SIGN LANGUAGE II (Online Provider)**

**Grade Level: 11**

**Credit: 1 unit**

**Course Fee: To be determined by the provider**

**Prerequisites: American Sign Language I and Scheduling Committee Approval**

ASL II builds upon skills developed in ASL I, extending students' ability to understand and express themselves in American Sign Language and increasing their vocabulary and speed. Students learn how to engage in discourse for informative or social purposes and to comprehend the language when signed slowly. This course focuses on everyday communication in ASL by introducing students to the basic signs, techniques, and culture.

#### **Important note:**

Other foreign languages *may* be possible through online providers, including Chinese and German. Additional fees will apply.

### **----- OTHER ELECTIVES -----**

#### **PERSONAL DEVELOPMENT**

**Grade Level: 11, 12**

**Credit: ½ unit**

**Course Fee: \$25**

Personal Development is a semester course designed to give students “real world” knowledge to assist them with the challenges they may face as they transition to adulthood and college. Students will learn the basics of meal planning and preparation, sewing/mending, automobile and personal safety, “home” work such as ironing and laundry, personal finances and insurance, career planning, communication, and self-care. Students will be immersed in fundamental lifelong skills that will benefit and improve their daily lives.

#### **OPTIONS MENTOR ELECTIVE**

**Grade Level: 11, 12**

**Credit: 1 unit**

**Pre-requisites: Active Participant in Options Mentor club in previous years**

This is a course that is geared towards working hands-on with our Options students. Students will learn basic special education skills to aid in working with our Options students. Students enrolled in this course will serve as the Core Team for the Mentor Club, helping the Options Director plan events, make decisions about the club, and serve as role models for all members of the club.

#### **LIBRARY SCIENCE**

**Grade Level: 10, 11, 12**

**Credit: 1 unit**

**Pre-requisites: Scheduling Committee Approval**

In Library Science, students will build new skills for their resume, gain insight into where to find resources for class projects and personal reading, and be the first to know when (and what) new books are available. In Library Science, students will be responsible for shelving, organizing, and processing materials; creating book displays; assisting students with finding and checking out books; and other library specific projects. Students in Library Science will be required to submit an application. Course expectations will include being friendly, neat, responsible, punctual, hard-working, and professional. The American Library Association and the law uphold that “All people, regardless of origin, age, background, or views, possess a right to privacy and confidentiality in their library use.” Therefore, a commitment to privacy and confidentiality is crucial.

# DIVISION I ACADEMIC REQUIREMENTS

## CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

## FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division I school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

## ACADEMIC REDSHIRT

All Division I academic redshirts may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division I school, but may NOT compete.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

## INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division II, view the [Division II academic requirements flyer](#).





## TEST SCORES

If a student-athlete plans to attend an NCAA Division I college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division I full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](https://on.ncaa.com/COVID19_Fall2022).

An SAT combined score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

## CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of [NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

## ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/ blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of [NCAA-approved core courses](#).

## BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

**Want more information? Visit**  
[ncaa.org/playcollegesports](https://ncaa.org/playcollegesports).

**Follow us:** [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

## DIVISION I FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

\*Full sliding scale research between the new SAT and ACT is ongoing.

ACADEMIC RED SHIRT



May 2021  
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# DIVISION II ACADEMIC REQUIREMENTS

## CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

## FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.
- Submit proof of graduation to the Eligibility Center.

## PARTIAL QUALIFIER

College-bound student-athletes that do not meet Division II full qualifier standards will be deemed a partial qualifier. All Division II partial qualifiers may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

## INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division I, view the [Division I academic requirements flyer](#).



## TEST SCORES

If a student-athlete plans to attend an NCAA Division II college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division II full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](https://on.ncaa.com/COVID19_Fall2022).

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

## CORE-COURSE LIST

Student-athletes should check to see if their high school has a [list of NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

## ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's [list of NCAA-approved core courses](#).

## BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

For more information on Division II, visit [ncaa.org/D2](https://ncaa.org/D2).

**Want more information? Visit**  
[ncaa.org/playcollegesports](https://ncaa.org/playcollegesports).

**Follow us:** [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

## DIVISION II FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.300 & above	400	37	2.725	730	52
3.275	410	38	2.700	740	53
3.250	430	39	2.675	750	53
3.225	440	40	2.650	750	54
3.200	460	41	2.625	760	55
3.175	470	41	2.600	770	56
3.150	490	42	2.575	780	56
3.125	500	42	2.550	790	57
3.100	520	43	2.525	800	58
3.075	530	44	2.500	810	59
3.050	550	44	2.475	820	60
3.025	560	45	2.450	830	61
3.000	580	46	2.425	840	61
2.975	590	46	2.400	850	62
2.950	600	47	2.375	860	63
2.925	620	47	2.350	860	64
2.900	630	48	2.325	870	65
2.875	650	49	2.300	880	66
2.850	660	49	2.275	890	67
2.825	680	50	2.250	900	68
2.800	690	50	2.225	910	69
2.775	710	51	2.200	920	70 & above
2.750	720	52			

\*Full sliding scale research between the SAT and ACT is ongoing.

 **MAKE IT YOURS**



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## ELECTIVE COURSES FOR EACH YEAR OF HIGH SCHOOL

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
TECHNOLOGY & INNOVATION	Comp/Tech Applications ½ Digital Media I ½ Introduction to Accounting ½ Multimedia I Principles of Business ½ Principles of Marketing (with Social Media) ½	Comp/Tech Applications ½ Computer Architecture ½ Computer Science I Digital Media I ½ Introduction to Accounting ½ Multimedia Productions I Principles of Business – ½ Principles of Marketing (with Social Media) ½	Comp/Tech Applications ½ Computer Architecture Computer Science I, II AP Computer Science A Digital Media I ½ Introduction to Accounting ½ Multimedia Productions I, II Principles of Business – ½ Principles of Marketing (with Social Media) ½	Comp/Tech Applications ½ Computer Architecture Computer Science I, II AP Computer Science A Digital Media I ½ Introduction to Accounting ½ Multimedia Productions I, II Principles of Business – ½ Principles of Marketing (with Social Media) ½
ENGLISH			ACT Prep – ½ Creative Writing I – ½	ACT Prep –½ Creative Writing I – ½
FINE ARTS	Art I Band Chorus Media Arts II Theatre I	Art I, II Chorus Band Beginning Guitar Level I Competitive Debate Competitive Drama Media Arts I Media Arts II, III Theatre I, II	Art I, II, III Honors Chorus Band Beginning Guitar Level I Competitive Debate Competitive Drama Engineering Design & Development Media Arts I Media Arts II, III, IV Theatre I, II, III Theatre – Design/Tech	Art I, II, III Honors, IV Honors AP Studio Art Chorus Band Beginning Guitar Level I Competitive Debate Competitive Drama Engineering Design & Development Media Arts I Media Arts II, III, IV Theatre I, II Theatre – Design/Tech
HEALTH/PE	Health/PE I	Health/PE I or II	Health/PE I, II, III Kinesiology – ½	Health/PE II, III, IV Kinesiology – ½
MATH			Advanced Math Pre-Calculus Pre-Calculus Honors ACT Prep – ½	Advanced Math Pre-Calculus Algebra III DE/Honors AP Calculus AB Probability and Statistics Pre-Calculus Honors ACT Prep – ½
PUBLICATIONS		Yearbook I	Yearbook I, II	Yearbook I, II
SCIENCE		Principles of Engineering	Biology II CP Biology II Honors Chemistry II Honors AP Chemistry Environmental Science Physics Principles of Engineering	Biology II CP Biology II Honors Chemistry II Honors AP Chemistry Environmental Science Physics Principles of Engineering
SOCIAL STUDIES			Law Studies / Communication Skills AP Psychology Psychology – ½ Sociology – ½	Law Studies / Communication Skills AP Psychology Psychology – ½ Sociology – ½ World Geography World History AP European History AP US Government
WORLD LANGUAGE	French I, II Spanish I, II <i>Latin I *</i>	French I, II, III Honors Spanish I, II, III Honors <i>Latin I, II *</i> <i>American Sign Language I *</i>	French I, II, III Honors, IV Honors Spanish I, II, III Honors, IV Honors <i>AP Spanish IV*</i> <i>AP French IV*</i> <i>Latin I, II *</i> <i>American Sign Language II *</i>	French II, III Honors, IV Honors Spanish II, III Honors, IV Honors <i>AP Spanish IV*</i> <i>AP French IV*</i> <i>Latin I, II *</i>
OTHER		Library Science	First Responder Library Science Options Mentor Personal Development ½	Campus Ministry First Responder Library Science Options Mentor Personal Development ½

*\*Online Provider*

# Classes of 2023-2026

## Four Year Plan

8 <sup>th</sup> grade			
Algebra I			
World Language			
9 <sup>th</sup> grade		10 <sup>th</sup> grade	
Religious Studies I		Religious Studies II	
English I		English II	
Algebra I or Geometry		Geometry or Algebra II	
Phys. Sci. or Biology		Biology or Chemistry	
World Language I		World Language II	
World Geography		Social Studies	
Elective		Elective	
11 <sup>th</sup> grade		12 <sup>th</sup> grade	
Religious Studies III		Religious Studies IV	
English III		English IV	
Algebra II or Math		Math	
Chemistry or Science		Science	
Social Studies		Social Studies	
Elective		Elective	
Elective		Elective	



# GRADUATION –TOPS REQUIREMENTS CHECKLIST

**Class of 2023 and beyond**

Name: \_\_\_\_\_

## REQUIREMENTS FOR STM DIPLOMA

## REQUIREMENTS FOR TOPS AWARD (as of 2/2019)

\_\_\_\_\_ English I                      \_\_\_\_\_ Religion I  
 \_\_\_\_\_ English II                     \_\_\_\_\_ Religion II  
 \_\_\_\_\_ English III                    \_\_\_\_\_ Religion III  
 \_\_\_\_\_ English IV                    \_\_\_\_\_ Religion IV  
  
 \_\_\_\_\_ World Geography  
 \_\_\_\_\_ Civics or AP U.S. Government  
 \_\_\_\_\_ U.S. History or AP U.S. History  
 \_\_\_\_\_ World History or AP European History  
  
 \_\_\_\_\_ Biology I  
 \_\_\_\_\_ Chemistry  
 \_\_\_\_\_ Science: Physical Science, Environ Science,  
 Physics, Biology II, Chemistry II  
 \_\_\_\_\_ Science: Physical Science, Environ Science,  
 Physics, Biology II, Chemistry II  
  
 \_\_\_\_\_ Algebra I  
 \_\_\_\_\_ Geometry  
 \_\_\_\_\_ Algebra II  
 \_\_\_\_\_ Math: Adv Math – Pre Calc, Adv Math  
 Algebra III DE/Honors, Pre- Calc H, AP Calculus,  
 Probability & Statistics  
 \_\_\_\_\_ Fine Arts \_\_\_\_\_  
  
 \_\_\_\_\_ World Language I  
 \_\_\_\_\_ World Language II  
  
 \_\_\_\_\_ Health & PE I  
 \_\_\_\_\_ PE II  
  
 \_\_\_\_\_ Elective 1 \_\_\_\_\_  
 \_\_\_\_\_ Elective 2 \_\_\_\_\_  
 \_\_\_\_\_ Elective 3 \_\_\_\_\_

**28 Credits**

\_\_\_\_\_ English I  
 \_\_\_\_\_ English II  
 \_\_\_\_\_ English III  
 \_\_\_\_\_ English IV  
  
 \_\_\_\_\_ World Geography  
 \_\_\_\_\_ Civics or AP U.S. Government  
 \_\_\_\_\_ U.S. History or AP U.S. History  
 \_\_\_\_\_ World History or AP European History  
  
 \_\_\_\_\_ Biology I  
 \_\_\_\_\_ Chemistry I  
 \_\_\_\_\_ Science: Physical Science, Envir. Science,  
 Physics, Biology II, Chemistry II  
 \_\_\_\_\_ Science: Physical Science, Envir. Science,  
 Physics, Biology II, Chemistry II  
  
 \_\_\_\_\_ Algebra I  
 \_\_\_\_\_ Geometry  
 \_\_\_\_\_ Algebra II  
 \_\_\_\_\_ Math: Adv Math – Pre Calc, Adv Math  
 Algebra III DE/Honors, Pre- Calc H,  
 AP Calculus, Probability & Statistics  
 \_\_\_\_\_ Fine Art  
  
 \_\_\_\_\_ World Language I  
 \_\_\_\_\_ World Language II

