



ST. THOMAS MORE
CATHOLIC HIGH SCHOOL

“Nurturing Catholic Leaders of Character.”

Course Offerings Guide
2018-2019



ST. THOMAS MORE

CATHOLIC HIGH SCHOOL

Dear Parents/Guardians,

Welcome to St. Thomas More Catholic High School! As a premiere 21st 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, for updates on TOPS. For admissions requirements to ULL and LSU, please visit the websites of these universities, www.ull.edu and www.lsu.edu. For information and admission requirements of other universities, contact Dr. Cheryl Fruge', 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 Breaux
Assistant Principal

CLASSES of 2019-2022

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, Fine Arts Survey, Chorus
Elective	3 units	
Total	28 units	

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 th grade, but may start in 10 th)	World Language I or II	Elective	Elective
One from the following: <ul style="list-style-type: none"> ● Elective ● Fine Arts ● Health/PE I ** 	One from the following: <ul style="list-style-type: none"> ● Elective ● Fine Arts ● Health/PE I or II** 	Elective	Elective
Total Credits: 7	Total Credits: 7	Total Credits: 7	Total Credits: 7

*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 ¹
ENGLISH = 4 Units	
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)
MATH = 4 Units	
1 Unit	Algebra I
1 Unit	Geometry
1 Unit	Algebra II
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
SCIENCE = 4 Units	
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, AP Chemistry, or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics B, or IB Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II; AP Physics I and AP Physics II; Biology II, AP Biology, or IB Biology II
SOCIAL STUDIES = 4 Units	
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, or AP Microeconomics
FOREIGN LANGUAGE = 2 Units	
	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, and IB Spanish V
ART = 1 Unit	
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 or Drafting
TOTAL = 19 Units	
<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)
Algebra I, Geometry, and Algebra II	Integrated Mathematics I, II and III
Art	Media Arts I - IV; Photography I, Photography II, and Digital Photography
Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or Math Methods I IB (Mathematical Studies SL); Calculus, AP Calculus AB, or Math Methods II IB (Mathematics SL); AP Calculus BC; Probability and Statistics or AP Statistics; IB Further Mathematics HL; IB Mathematics HL	AP Computer Science A
Biology II	Human Anatomy and Physiology
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, or AP Microeconomics	AP Psychology
Foreign Language	Mandarin Chinese I-IV Hindi I – IV Portuguese I-IV Vietnamese I-IV

¹ **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 9th 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://www.osfa.la.gov/5scale>. 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.osfa.la.gov



Updated: 09/06/2017

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 Wednesday, May 30, 2018.

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 \$85 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 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

*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 \$150 fee for every AP course taken.

HONOR GRADUATES

Honor graduates will be recognized as follows:

Utopian Honors	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)
Chancellor Honors	3.7 – 4.0 GPA – 8 honors/dual enrollment or AP courses (any combination of honors, DE, or AP) OR 3.5 – 3.6 GPA – 12 honors/dual enrollment or AP courses (any combination of honors, DE, or AP)
Scholar Honors	3.5 – 3.6 GPA – 6 honors/dual enrollment or AP courses (any combination of honors, DE, or AP) OR 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 9th grade is under the supervision of the Assistant Principal, the 9th 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 of the year, the request may be resubmitted to the Freshman Counselor. An end of the year report card and any new standardized test scores must be submitted by Wednesday, May 30, 2018. Honors course placement from year to year is not automatic. Students' 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 9th Honors Placement	
English I Honors and World Geography Honors	1. 6 th , 7 th , 8 th Grade Standardized Tests Average of: Reading & Language Arts = 85 National Percentile or higher, and 2. 8 th Grade Language Arts and Reading: A or B
Physical Science Honors or Biology I Honors (Only if enrolled in Geometry H)	1. 6 th , 7 th , 8 th Grade Standardized Tests Average of: Science & Math = 88 National Percentile or higher (must meet 90 th Percentile Math Score), and 2. 8 th Grade Science: A or B
Algebra I Honors or Geometry Honors (pending Algebra I credit)	1. 6 th , 7 th , 8 th Grade Standardized Tests: 90 National Percentile in Math, and 2. 8 th Grade Math or Algebra I: A or B

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 of universities the student is interested in attending. 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 is 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	Average of: 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	Average of: Reading and English = 85 percentile or higher or Reading = 85 percentile or higher; teacher recommendation
Math	A or B in previous Math	Math = 90 percentile or higher
Science	A or B in previous Science	Average of: Math and Science = 88 percentile or higher; teacher recommendation
Honors to Honors	Grade A or B in prerequisite Honors Course	
Honors to Advanced Placement	Grade A or B in prerequisite Honors Course; teacher recommendation	
Dual Enrollment Math	Grade of A or B in prerequisite courses of Advanced Math – Pre-Calculus or Pre-Calculus Honors, AND an ACT math score of 23, ACT composite of 18	
Dual Enrollment English	ACT Reading score of 24, ACT English score of 18, ACT composite of 22, and must have a cumulative GPA of 3.0.	
Dual Enrollment Social Studies	ACT Reading score of 24, ACT English score of 18, 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 of the Program

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

Goals for Students

- Incorporate techniques and study skills that will help them maximize their academic success
- Celebrate their God-given gifts and talents
- Take ownership for their learning
- Become independent, lifelong learners

Criteria Considered for Acceptance

- Parent must complete an application for services annually
- Student must have a recent (within the 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 (minimum twice monthly)
- Student is on an Academic Contract with the STM Administration
- Teacher/Counselor recommended intervention

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

Possible Accommodations

- Preferential seating
- Extended time testing
- Reduced distraction testing environment
- Buddy note taker
- Exempt – bubble answer forms
- Oral Testing (electronic reader)
- Work with academic interventionist
- Study skills class (9th only)
- Exempt from tests on computer
- Academic contract
- Additional time on standardized tests (see below for details)
- Other student specific accommodations may be offered if STM has the resources available to meet the required need

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

College Board Website: www.collegeboard.com/ssd/

COURSE DESCRIPTIONS

----- *BUSINESS and TECHNOLOGY* -----

COMPUTER ARCHITECTURE

Grade Level: 10, 11, 12

Credit: 1/2 unit

Prerequisite: Scheduling Committee Approval

The focus of the Computer Architecture course is to prepare students as entry-level service technicians and develop skills required to pass the industry standard A+ certification test. This certification will enable students to link electronics and Information Technology Departments. Core technologies in hardware maintenance and operating systems are at the center of all activities. Topics to be covered include, but are not limited to, the following areas: Operating Systems (installation, upgrading, maintenance, and configuration), Hardware (installation, upgrading, maintenance, and configuration), and System Architecture (bus speed configuration, installing components, and external ports).

COMPUTER SCIENCE I

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Prerequisites: 87% in Algebra I and Computer/Technology Applications or Scheduling Committee Approval

Computer Science I is designed for students interested in studying the structure and power of programming languages. Emphasis will be placed on development of language syntax, control statements, algorithms and logical solution structure, including the use of visual organizers in the design process. During the first semester, Python, a contemporary 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. The second semester will concentrate on the development of database structure and programming skills. As a member institution of the ORACLE academy, we will use materials provided by ORACLE to develop skills using the most frequently used database in the world.

COMPUTER SCIENCE II

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisites: Completion of Computer Science I with a grade of 78% or better and instructor approval.

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 computer games utilizing a powerful game engine will introduce the use of programs and programming in a real-world setting. The intention is to prepare students for robust application development using the inherent power of the C++ programming language.

COMPUTER/TECHNOLOGY APPLICATIONS

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Computer Applications is an in-depth study of Microsoft Office; Word, Excel, and PowerPoint to provide students with tools to assist in cross-curricular problem-solving projects. Tablet essentials, Windows Explorer, and cloud-based storage will be covered in depth to aid students in using their tablet efficiently and maintaining an organized system of files. Students will select and integrate appropriate productivity tools, including, but not limited to, word processing, spreadsheet, desktop publishing, presentation graphics, telecommunications, and draw and paint programs.

DIGITAL GRAPHICS AND ANIMATION

Grade Level: 10, 11, 12

Credit: 1/2 unit

Digital Graphics and Animation uses the Adobe Suite CS6, with emphasis in Photoshop, Illustrator, and After Effects to create digital graphics. Students will develop familiarity with the computer graphics tools necessary to create individual design projects, 2-D animation, and graphics specifically designed for STM projects like Cougar Cast.

ENGINEERING I & II

Grade Level: 11, 12

Credit: 1 unit

Pre- or Corequisite: Physics

Engineering I and II are designed for students interested in pursuing an engineering-related 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, and presentation. Students also 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. Engineering II is an extension of Engineering I in which students pursue in-depth knowledge and skills in their chosen engineering field through the completion of advanced discipline-focused engineering projects.

INDEPENDENT STUDY IN TECHNOLOGY

Grade Level: 10, 11, 12

Credit: ½ unit

Prerequisite: Computer Architecture or teacher approval

This course takes place in the help desk, where students get hands on experience with working with the tablets. 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 trained on the latest software and operating system on our campus.

MULTIMEDIA PRODUCTIONS I

Grade Level: 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. Finally, 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. 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. Finally, 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 BUSINESS

Grade Level: 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. Business simulation programs are used to reinforce the business concepts learned. Students will also learn about the basic accounting equation along with the various types of insurances.

TV PRODUCTION I

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Prerequisite: Any Multimedia, Digital Graphics, Media Arts or Teacher Recommendation

This course provides opportunities for students to develop skills in basic video camera operation; postproduction skills in graphics, audio, and editing; scriptwriting and storyboarding; skills in direction and production of video projects. The purpose of this course is to demonstrate the ability to produce 5-minute television programs. The student will learn to write, produce, direct, and edit a variety of television programming; use of appropriate equipment, and adherence to production deadlines; find solutions for unexpected problems which arise in a production situation; specialize in one or more areas of television production.

WEB MASTERING

Grade Level: 10, 11, 12

Credit: 1/2 unit

Concepts of web communication will be studied and explored. Students will design, develop, and maintain web pages using appropriate current editors, such as Dreamweaver and/or tagging (HTML) languages. Students will demonstrate technical knowledge of the equipment and an ability to use a variety of input devices, file formats and transfer methods. Students will gain proficiency in the use of the various browsers used to navigate the web and will study connectivity issues as needed. Security and privacy issues, copyright infringement, trademarks and other legal issues relating to use of the web will be studied. Students will use appropriate search methods and applications to retrieve and evaluate information and use a variety of web communications.

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 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: 9,10,11,12

Credit: ½ 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.

FINE ARTS SURVEY

Grade Level: 11, 12

Credit: 1 unit

Fine Arts Survey is a lecture-based course designed to cover the history, production, aesthetics, and criticism of Fine Arts. Students will work on presentations designed to make connections between the arts and historical context. Student knowledge is assessed through various writing assignments including essays and written exams.

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.

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.

----- 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.

GIRLS'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 anyone interested in pursuing a career in physical therapy, fitness training, coaching, or any medical field.

----- **MATHEMATICS** -----

Track I	Track II	Honors Track I	Honors Track II	Honors Track III
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	Pre-Calculus Honors	*Algebra III DE AP Calculus	*Algebra III DE 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 Quarter 1.

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 8th 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

Grade Level: 12

Credit: 1 unit

Prerequisites: Algebra II and Scheduling Committee Approval

This course is for students who have completed Algebra I, Algebra II, and Geometry. It will strengthen the students' mathematics skills using investigations and applications that encourage exploration of ideas, data, patterns, and algebraic relationships. The course includes advanced algebra topics; students will represent patterns that blend advanced algebra, geometry, data analysis, discrete mathematics, statistics, and trigonometry. In addition to expanding the traditional symbolic approach used in both Algebra I and II, a graphing and numeric approach is stressed using the graphing calculator. Topics include problem solving, patterns and recursion, describing data, linear models and systems, functions, relations, transformations, exponential and logarithm functions, matrices and linear systems, quadratic and other polynomial functions, parametric equations and trigonometry, conic sections and rational functions, trigonometric functions, logic and reasoning, series, probability and statistics.

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

Grade Level: 12

Credit: 1 unit

Prerequisite: Grade of A or B in prerequisite courses of Advanced Math – Pre-Calculus or Pre-Calculus Honors, an ACT math score of 23, and ACT composite of 18

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: Pre-Calculus or Advanced Math, 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). 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 four or more ACT practice exams will be taken during the semester; students will become more comfortable with the test format and administration procedures.

----- PUBLICATIONS -----

NEWSPAPER I

Grade Level: 10, 11, 12

Credit: 1 unit

Students are directed in producing St. Thomas More's student newspaper, *Cougar Prints*. Students will conduct interviews, write and revise stories, take and edit pictures, and design layouts. The emphasis of this class is on the mastery of the English language and communication skills through news writing. Students will learn the history of journalism, trends in journalism, and journalism law and ethics. Students will also participate in the business aspect of journalism, including the sale of advertisements in the school paper.

NEWSPAPER II

Grade Level: 11, 12

Credit: 1 unit

Prerequisites: Newspaper I and Scheduling Committee Approval

Newspaper II students serve as editors in the production of the school newspaper, *Cougar Prints*. Students will conduct interviews, write and revise stories, take and edit pictures, and design layouts. The emphasis of this class is on the mastery of the English language and communication skills through news writing. Students will learn the history of journalism, trends in journalism, and journalism law and ethics. Students will also participate in the business aspect of journalism, including the sale of advertisements in the school paper.

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 an 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

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.

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

AP Chemistry II covers the equivalent of one full year of college level General Chemistry. The course is a rigorous math-based course, with a strong laboratory component, which will require time outside of normal school hours. Students will be required to do extensive writing and reading, and to keep a thorough and accurate ongoing laboratory notebook. This course will review the first year of chemistry including types of matter, scientific measurement, atomic theory, periodic properties, intermolecular forces, bonding, nomenclature, reactions, acids and bases, the mole, stoichiometry, and gas laws. The remainder of the course will deal with colligative properties, simple and complex equilibrium, kinetics, thermodynamics, electrochemistry, nuclear chemistry, advanced reactions and introductory organic chemistry. Students are required to take the National Advanced Placement Exam.

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.

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/Co-requisites: Algebra II Honors and Scheduling Committee Approval

Co-requisite: 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.

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.

PHYSICS

Grade Level: 11, 12

Credit: 1 unit

Pre/Co-requisite: 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 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.

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 (Online Provider)

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: Previous Honors Courses and Instructor and Scheduling Committee Approval

Course Fee: To be determined by provider, 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.

----- **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

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.

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 (Online Provider)

Grade Level: 11, 12

Credit: 1 unit

Prerequisites: Spanish III Honors and Instructor and Scheduling Committee Approval

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.

Important note:

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

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- Initial full-time collegiate enrollment before August 1, 2016:
 - Sixteen (16) core courses are required (see chart below for subject-area requirements).
- Initial full-time collegiate enrollment on or after August 1, 2016:
 - Sixteen (16) core courses are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - SAT: critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - ACT: English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- Initial full-time collegiate enrollment before August 1, 2016:
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the best 16 core courses that meet subject-area requirements.
- Initial full-time collegiate enrollment on or after August 1, 2016:
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the best 16 core courses that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I Core-Course Requirement (16)	
4	years of English
3	years of math (Algebra I or higher)
2	years of natural/physical science (1 year of lab if offered)
1	year of additional English, math or natural/physical science
2	years of social science
4	years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016 Qualifier Requirements	
<i>*Athletics aid, practice, and competition</i>	
□	16 core courses <ul style="list-style-type: none"> ○ Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science. <ul style="list-style-type: none"> □ "Locked in" for core-course GPA calculation.
□	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
□	Graduate from high school.

DIVISION I – 2016 Academic Redshirt Requirements	
<i>*Athletics aid and practice (no competition)</i>	
□	16 core courses <ul style="list-style-type: none"> ○ No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
□	Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
□	Graduate from high school.

Sliding Scale A Use for Division I prior to August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B Use for Division I beginning August 1, 2016		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

For more information, visit www.eligibilitycenter.org or www.2point3.org.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II COMPETITION SLIDING SCALE		
Use for Division II beginning August 1, 2018		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
Use for Division II beginning August 1, 2018		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org.

ELECTIVE COURSES FOR EACH YEAR OF HIGH SCHOOL

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
COMPUTER TECHNOLOGY	Comp/Tech Applications TV Production I	Comp/Tech Applications Computer Architecture Computer Science I Multimedia Productions I Principles of Business – ½ Web Mastering - ½ Digital Graphics/Animation – ½ TV Production I	Comp/Tech Applications Computer Architecture Computer Science I, II Multimedia Productions I, II Principles of Business – ½ Web Mastering - ½ Digital Graphics/Animation – ½ Engineering I TV Production I	Comp/Tech Applications Computer Architecture Computer Science I, II Multimedia Productions I, II Principles of Business – ½ Web Mastering - ½ Digital Graphics/Animation – ½ Engineering I, II TV Production I
ENGLISH			ACT Prep – ½ Creative Writing I – ½	ACT Prep –½ Creative Writing I – ½
FINE ARTS	Art I Band Chorus Theatre I Media Arts – ½	Art I, II Chorus Band Competitive Debate Competitive Drama Theatre I, II Media Arts – ½	Art I, II, III Honors Chorus Band Competitive Debate Competitive Drama Fine Arts Survey Theatre I, II Theatre – Design/Tech Media Arts – ½	Art I, II, III Honors, IV Honors AP Studio Art Chorus Band Competitive Debate Competitive Drama Fine Arts Survey Theatre I, II Theatre – Design/Tech Media Arts – ½
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 AP Calculus AB Probability and Statistics Advanced Math Pre-Calculus Honors ACT Prep – ½
PUBLICATIONS		Newspaper I Yearbook I	Newspaper I, II Yearbook I, II	Newspaper I, II Yearbook I, II
SCIENCE				Biology II CP Biology II Honors Chemistry II Honors AP Chemistry II Environmental Science Physics
SOCIAL STUDIES			AP Psychology Psychology – ½ Sociology – ½ World Geography World History AP European History	AP Psychology Psychology – ½ Sociology – ½ World Geography World History AP European History AP US Government
WORLD LANGUAGE	French I, II Spanish I, II Latin I *	French I, II, III Honors Spanish I, II, III Honors Latin I, II *	French I, II, III Honors, IV Honors Spanish I, II, III Honors, IV Honors AP Spanish IV* Latin I, II *	French II, III Honors, IV Honors Spanish II, III Honors, IV Honors AP Spanish IV* Latin I, II *

*Online Provider

Classes of 2019-2022 – Four Year Plan

8th grade			
Algebra I			
World Language			
9th grade		10th 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	
11th grade		12th 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

<p>Class of 2019 and beyond</p>
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Name: _____

REQUIREMENTS FOR STM DIPLOMA

REQUIREMENTS FOR TOPS AWARD (as of 9/2017)

- _____ English I
- _____ English II
- _____ English III
- _____ English IV

- _____ Religion I
- _____ Religion II
- _____ Religion III
- _____ 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, 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 _____

- _____ 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
- _____ Algebra II
- _____ Math: Geometry, Adv Math – Pre Calc, Adv Math, Algebra III DE, Pre-Calculus, AP Calculus, Prob. & Stats.

- _____ Math: Geometry, Adv Math – Pre Calc, Adv Math, Algebra III DE, Pre-Calculus AP Calculus, Prob. & Stats.

- _____ Fine Arts Survey
Or 1 unit of a performance course in Music, dance, or theatre
Or 1 unit of studio or visual art

- _____ World Language I
- _____ World Language II

28 Credits

