



**St. Thomas More Catholic High School
450 East Farrel Road Lafayette, Louisiana 70508**

Dear STM Students and Parents:

The goal of the St. Thomas More Catholic High School academic program is to educate students in accordance with the school's mission to be "seekers of truth, individuals of character and God's servant first." We accomplish this through offering courses which meet or exceed state or national standards while satisfying all state and STM requirements for graduation. As a Catholic school, it is priority that STM students enroll in a Theology course each year. As a school of high academic standards, it is an expectation that students complete the Louisiana Core 4 college admissions requirements and courses required for TOPS.

STM personnel will guide students in selecting courses that maximize opportunities for continuous growth. When the occasion arises to select an elective course, grade level counselors will help students make choices which complement core courses and/or support the student's talents and interests.

In this packet you will find a description of all courses, prerequisites, and applicable fees. You are advised to periodically check the website, www.osfa.la.gov, for updates on TOPS. For admission requirements to ULL and LSU, visit the websites to these universities, www.ull.edu and www.lsu.edu, periodically. For information and admission requirements of other universities, contact Dr. Cheryl Fruge, College Counselor, or visit the website of these colleges.

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 by the Guidance Department will result in a smooth scheduling process for everyone.

Thank you for your commitment to the academic program at St. Thomas More. We wish you success throughout your high school years at STM.

Sincerely,

Dr. Nancy P. Autin
Academic Assistant Principal

**CLASS OF 2011
SENIORS**

REQUIREMENTS FOR GRADUATION		
Religion	4 units	Religion I - IV
English	4 units	English I - IV
Mathematics	3 units	Algebra I Part I Algebra I Algebra I Part II <i>OR</i> Geometry Geometry Algebra II
Science	3 units	Biology I <i>and two of the following:</i> Anatomy & Physiology Biology II Chemistry I Environmental Science Physical Science Physics
Social Studies	3 units	Civics American History World History
Computer Education	1 units	Business Computer Applications
Health/ PE	2 units	Health/PE I - II
Electives	6 units	2 years of the same World Language are strongly recommended
Total	26 units	

CLASS OF 2011 - REQUIREMENTS FOR EACH YEAR			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Religion I	Religion II	Religion III	Religion IV
English I	English II	English III	English IV
Math	Math	Math	Math Recommended
Science	Science	Science	Science Recommended
Elective	Civics	American History	World History
Health/PE I	Health/PE II	Elective	Elective
Elective	Elective	Elective	Elective

1 year of a computer education course is required for graduation.
2 years of the same World Language are required for admissions to a four-year college.

**CLASS OF 2012
JUNIORS**

REQUIREMENTS FOR GRADUATION		
Religion	4 units	Religion I - IV
English	4 units	English I – IV
Mathematics	4 units	Algebra I Geometry Algebra II Math Elective
Science	4 units	Physical Science Biology I Chemistry Science Elective
Social Studies	3 units	World Geography Civics/Free Enterprise American History
Health/PE	2 units	Health/PE I – II
World Language	2 units	2 years of the same world language
Fine Arts	1 unit	Art, Band, Chorus, Drama or Fine Arts Survey
Computer Education	1 unit	Business Computer Applications
Electives	3 units	
Total	28 units	

CLASS OF 2012 - REQUIREMENTS FOR EACH YEAR			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Religion I	Religion II	Religion III	Religion IV
English I	English II	English III	English IV
Algebra I	Geometry	Algebra II	Math
Physical Science	Biology	Chemistry	Science
World Geography	Civics	American History	World History Recommended
World Language I	World Language II	Elective	Elective
Health & PE I	Health & PE II	Elective	Elective
Total Credits: 7	Total Credits: 7	Total Credits: 7	Total Credits: 7

- 1 credit of Fine Arts (Art, Band, Chorus, Drama, Fine Arts Survey) and 1 credit of Computer Education is required for graduation.
- TOPS requires 1 credit of Fine Arts Survey, or 2 credits of a performing or visual arts, or 1 additional credit from academic core.

**CLASSES OF 2013 and 2014
SOPHOMORES and FRESHMEN**

REQUIREMENTS FOR GRADUATION		
Religion	4 units	Religion I - IV
English	4 units	English I – IV
Mathematics	4 units	Algebra I Geometry Algebra II Math Elective
Science	4 units	Physical Science Biology I Chemistry I Science Elective
Social Studies	3 units*	Civics American History World History
World Language	2 units	Two units of the same world language
Health & PE	2 units	Health/PE I - II
Computer Education	1 unit	Business Computer Applications
Fine Arts	1 unit	Art, Band, Chorus, Drama, Fine Arts Survey
Elective	3 units	
Total	28 units	

*Louisiana Board of Regents requires 4 units of Social Studies.
One unit of Religion will count for one of the 4 required Social Studies.

REQUIREMENTS FOR EACH YEAR			
FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
Religion I	Religion II	Religion III	Religion IV
English I	English II	English III	English IV
Algebra I*	Geometry*	Algebra II	Math
Physical Science	Biology	Chemistry	Science
World Language I	World Language II	American History	World History
Two from the following: • Fine Art** • BCA I • Health/PE I	Civics	Elective	Elective
	One from the following: • Fine Arts** • BCA I • 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 (see chart on page 4).

**Fine Art - 1 credit required by LA Core 4; 2 credits needed for TOPS except for Fine Arts Survey.
Health/PE II can be taken any year after completing Health/PE I.

GENERAL INFORMATION

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.

In order to receive credit in a **full year course**, these two conditions must be met:

- The average of the two semesters must be at least 70%.
- The student must pass the second semester.

In order to receive ½ credit in a **semester course**, a student must pass the second half of the course (second quarter if the course is taken during the First Semester or fourth quarter if the course is taken during the Second Semester).

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

As per state attendance requirements, students who miss more than 10 classes in a 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.

HONOR GRADE CONVERSION AND RATIONALE

Students enrolled in honors courses receive a grade conversion to reflect the additional challenge and work of these courses and to align their grades with those of students throughout the parish, state, and nation. Four points are added to each grade of 70 and above so that an 83 is the lowest "B" and a 90 is the lowest "A." Grades below 70 are not converted; grades above 95 become a perfect score. Conversion occurs only at the end of a grading period and is reflected in the grade on the report card.

GRADES/CREDITS FOR TRANSFER STUDENTS

Grades previously earned in successfully completed courses will be recorded as letter grades. If the student transfers during a quarter, the grade at the end of the quarter in all courses is based on a formula determined by St. Thomas More. All final grades earned at St. Thomas More are recorded on the transcript as numerical grades.

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. Students must provide proof of course credit to the registrar prior to June 3, 2010.

HONOR GRADUATES - Honor Graduates will be recognized as follows: (grade point averages are not rounded)

Honor Graduate	GPA	Total Honors credits required
<i>Utopian</i>	4.0	10 (at least 2 AP courses)
<i>Chancellor</i>	3.7 - 4.0	8 (any combination of Honors or AP)
<i>Scholar</i>	3.7 - 4.0 3.5 - 3.6 3.5 - 3.6	Honors or AP courses not required 6 (any combination of Honors or AP) 12 (any combination of Honors or AP)

ADVANCED PLACEMENT COURSES

Developed in the late 1960's by Educational Testing Services, this program was created to serve several purposes:

1. To permit able college-bound students to take college-level courses in high school
2. To enable students who pass exams to seek either college credit or advanced placement in a subject
3. 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 after completing college-level courses, 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 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 offers the following AP courses beginning in the junior year: AP English III, AP English IV, AP Calculus AB, AP Chemistry II, AP American History, AP Western Civilization, AP French IV, AP Spanish IV, and AP Studio Art. 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 required to purchase textbooks for AP classes. 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 Academic 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.

Criteria for Placement in Advanced Placement and Honors Classes	
Honors to Honors	Grade of A or B in prerequisite Honors Course
Honors to Advanced Placement	Grade of A or B in prerequisite Honors Course
College Prep to Honors	Scheduling Committee Approval – Grades and Standardized Test Scores will be considered

ACADEMIC SUPPORT PROGRAM

Our Purpose

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

Goals for Students

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

Criteria Considered for Acceptance

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

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

Possible Accommodations

- Additional time on major tests, not quizzes
- Distraction free testing environment
- Ability to write on test or have test answers transferred to *SCANTRON* form
- *Note Buddy Note Books* – small fee
- Preferential Seating
- Additional time on standardized tests – see below

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/

AFTER SCHOOL STUDY HALL

An after school study hall is available from 2:45 p.m. – 3:30 p.m. Monday through Thursday on regular school days at an additional fee of \$400 per year. During this time, students receive help with homework assignments and are supervised by a certified educator. All school rules apply. **All STM students are eligible to participate in this program.** A minimum of ten students must register for After School Study Hall to be offered.

GUIDELINES FOR SCHEDULING - GRADE 9

- The selection of courses is under the direction of the freshman counselor. Students must work with the freshman counselor before returning the Course Request Form.
- The original Course Request Form must be signed by the student and his/her parents before it is returned to STM with the admission packet.
- Prior to selecting courses and completing the form, students are to review graduation requirements and other information contained in this packet.
- Before the final selection of courses, it is recommended that students review college admission requirements of universities the student is interested in attending by visiting the websites of these universities.
- *Carefully consider ALL course requests that you will submit. Changes will not be entertained once the Course Request Form has been received by STM. When request forms are in, the Administration determines the number of sections, faculty, resources, and other needs related to the school program for the coming school year.*

HONORS PLACEMENT GUIDELINES

Placement into freshmen honors courses is under the supervision of the Guidance Department in consultation with the Academic Assistant Principal and the Scheduling Coordinator. A student is **not** automatically placed in an honors course from year to year. If honors criteria are met at the end of the year and the student was not eligible to request the honors course at the time the Course Request form was due, the request may be submitted to the Freshman Counselor no later than Thursday, June 3, 2010. Placement of qualified students in these particular courses is based on student eligibility and course availability.

Students entering the freshman year will be placed into Honors classes using the following guidelines:

Criteria for Honors Placement	
English I Honors	1. Standardized Tests Average of : Reading & Language Arts = 90 National Percentile or higher, and 2. 8 th Grade Language Arts and Reading: A or B
Physical Science Honors	1. Standardized Tests Average of: Science & Math = 90 National Percentile or higher, and 2. 8 th Grade Science: A or B
Algebra I Honors or Geometry Honors (pending Algebra I credit)	1. Standardized Tests: 90 National Percentile in Math, and 2. 8 th Grade Math or Algebra I: A or B

SAMPLE

- 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.
- Tuition and fees must be paid before a schedule of courses is processed.

GUIDELINES FOR SCHEDULING – GRADES 10, 11 AND 12

- The selection of courses is under the direction of the grade-level counselor. Students must work with the grade-level counselor before returning the Course Request Form.
- Each student must complete and return a Course Request Form for next year by the date designated on the form. A delay in submitting the Course Request Form places a student at a disadvantage in obtaining elective courses requested.
- The original Course Request Form must be signed by the student and his/her 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 packet.
- A student may request honors courses if he/she qualifies. Guidelines for enrolling in Honors and AP courses are in this booklet. 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 commitment to doing the course work required. If honors criteria are met at the end of the year and the student was not eligible to request the honors course at the time the Schedule Request form was due, the Appeals Request Form (from Guidance) must be attached to the Schedule Request Form and given to the grade-level counselor at the time the Schedule Request Form is due. The student's grade will be reviewed again at the end of the year.
- Before the final selection of courses, it is recommended that students review college admission requirements of universities the student is interested in attending by visiting the websites of these universities.
- Carefully consider ALL course requests that you will submit. Changes will not be entertained once the Course Request Form has been received by STM. When request forms are in, the Administration determines the number of sections, faculty, resources and other needs related to the school program for the coming school year.
- Any Course Request Form not received by the due date, March 26, 2010, may result in the student not receiving first choice electives.
- When choosing classes, it is anticipated that you will pass all courses currently being taken. Should this not be the case, it may be necessary for STM to alter your request.

Every attempt will be made to honor requested elective courses provided pre-requisites have been met. Students will be advised if an elective course cannot be offered or if a section has been closed due to class size limitations.

ELECTIVE COURSES FOR EACH YEAR OF HIGH SCHOOL

	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
COMPUTER	BCA I	BCA I BCA II – ½	BCA I BCA II – ½ Computer Science I Desktop Publishing – ½ Introduction to Business – ½ Multimedia Productions Web Mastering - ½	BCA I BCA II – ½ Computer Science I, II Honors Desktop Publishing – ½ Introduction to Business – ½ Multimedia Productions Web Mastering – ½
ENGLISH			Creative Writing I	Creative Writing I
FINE ARTS	Art I Band Chorus Drama I (1 credit required by LA Core 4; 2 credits needed for TOPS except for Fine Arts Survey - 1 credit)	Art I, II Band Chorus Competitive Debate or Drama Drama I, II	Art I, II, III Honors Band Chorus Communication Skills Competitive Debate or Drama Drama I, II, III Fine Arts Survey Speech I	Art I, II, III Honors, AP Studio Art Band Chorus Communication Skills Competitive Debate or Drama Drama I, II, III Fine Arts Survey Speech I, II
WORLD LANGUAGE	French I Latin I Spanish I	French I, II, III Honors Latin I, II Spanish I, II	French I, II, III Honors Latin I, II Spanish I, II, III Honors	French II, III Honors, AP French IV Latin II Spanish II, III Honors, AP Spanish IV
SOCIAL STUDIES			Law Studies – ½ Psychology – ½ Sociology – ½ World Geography	Law Studies – ½ Psychology – ½ Sociology – ½ World Geography
PHYSICAL EDUCATION	Health/PE I (Required in 9 th or 10 th grade)	Health/PE II (must have completed Health /PE I)	Health/PE III Kinesiology – ½ Nutrition and Food – ½	Health/PE IV First Responder Kinesiology – ½ Nutrition and Food – ½
PUBLICATIONS			Newspaper I Yearbook I	Newspaper II Yearbook II
SCIENCE				Anatomy & Physiology Biology II Chemistry II Honors AP Chemistry II Environmental Science Physics
MATH				Advanced Math I, II AP Calculus (AB) Applied Math III Integrated Math III Pre-Calculus Honors
ELECTIVE			ACT Prep Course – ½	

COURSE DESCRIPTIONS

-----BUSINESS AND TECHNOLOGY-----

BUSINESS COMPUTER APPLICATIONS I

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Course Fee: \$10

BCA I acquaints students with proper keyboard operation using the touch method. Proper technique, speed, and accuracy are emphasized. Upon mastery of the keyboard, emphasis is placed on technology to perform basic/intermediate information processing tasks. Topics of study include computer concepts, word processing, spreadsheet applications, presentation graphics, and desktop publishing.

BUSINESS COMPUTER APPLICATIONS II

Grade Level: 10, 11, 12

Credit: ½ unit

Prerequisite: 78% or better average in BCA I

BCA II introduces a variety of business functions and transactions through the use of the Microsoft Office Suite. Software packages introduced in BCA I will be reintroduced at an advanced level including: Word, Excel, Publisher, and PowerPoint. In addition, Microsoft Access will be introduced at a basic/intermediate level. Using these software packages, students will complete a variety of integrated business computer applications while managing various hypothetical business scenarios. In doing so, students will learn the concepts of database management, work with the advanced features of Excel, learn to format spreadsheets, create complex formulas and functions, sort and filter data, run queries, and use chart functions. Students will promote their “businesses” using desktop publishing and presentation graphic software.

COMPUTER SCIENCE I

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: 87% or better average in BCA I and in Algebra I

Computer Science I is designed for students considering a major in Computer Science, Engineering, or any other technical field. This beginning level course will give the student a strong foundation in basic programming techniques using primarily Visual Basic.net. Some techniques include calculations, string manipulation, looping, arrays, and procedures, functions, passing parameters and using data structures. Included in this course is an introduction to operating systems management, robotics, and gaming. Due to the challenging nature of this course, good logic skill and an 87 or better average in Algebra and BCA I are required.

COMPUTER SCIENCE II HONORS

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: 87% or better average in Computer Science I

Computer Science II is designed for students considering a major in Computer Science, Engineering, or any other technical field. This intermediate level course will give the student a strong foundation in more advanced object-oriented programming techniques using primarily C++. Techniques build on those learned in Computer Science I and also include sorting, and advanced data manipulation techniques. This course delves deeper into operating systems management, and gaming. Due to the challenging nature of this course, good logic skill and an 87 or better average in Computer Science I and instructor approval are required.

DESKTOP PUBLISHING

Grade Level: 11, 12

Credit: ½ unit

Prerequisite: 78% or better in BCA I

Desktop Publishing is an elective semester course using various desktop publishing software packages. This course will introduce the basics of desktop publishing, especially skills necessary for use in the design and production of newsletters, newspapers, brochures, programs, etc. Students will work on various publications including work which will be cataloged in the STM library.

INTRODUCTION TO BUSINESS

Grade Level: 10, 11, 12

Credit: ½ unit

Introduction to Business contributes to improving economic citizenship through a study of the business-economic environment. Students will gain an appreciation of the nature of business, function of banks and money, present-day

communications, resources, basic consumer mathematics computations, insurance, advertising, the strengths and weaknesses of our economic system and other systems. A unit is included on job seeking information, interviewing, careers, and professionalism. Students will also learn the importance of personal finance including budgeting, managing checking accounts, and using credit wisely. A business simulation program is used to reinforce the business concepts learned.

MULTIMEDIA PRODUCTIONS

Grade Level: 10, 11, 12
Credit: 1 unit
Prerequisite: 78% or higher average in BCA I and Schedule Committee Approval
Course Fee: \$60

Multimedia Productions is a year-long elective course in which students will learn to combine text, graphics, sound, animation, and video to create attractive, media-rich presentations and productions. They will learn how to use the Adobe Creative Suite 4 Master Collection with a direct emphasis on Adobe Premiere Pro CS4, In Design CS4, Photoshop CS4, Extended Illustrator CS4, Flash CS4, Professional After Effects CS4, Sound booth CS4, On Location CS4, and Encore CS4 to increase their skills in presentation software, which may include digital photography, photo editing, publishing, and video editing. The product of students' work will be in a variety of formats. This class is open to students who have a serious interest in the subject and who are willing to devote after-school time as needed for photography and video-taping assignments. Class assignments, projects, written tests and exams will be given. Class size will be limited.

WEB MASTERING

Grade Level: 11, 12
Credit: ½ unit
Prerequisite: 78% or better average in BCA I

Students will learn the criteria for professional web site design and development using markup languages as well as popular web editors. Theory for professional web design will be introduced. Some web design elements introduced include: internal and external navigation, creation of tables, use of frames and themes, and manipulation of image. Security issues, copyright infringement, and other legal issues related to web design will be studied. The culmination of the students' efforts will be the creation of several personal web sites.

----- ENGLISH -----

ENGLISH I

Grade Level: 9
Credit: 1 unit

This course stresses the development and refinement of good writing skills. Through the writing process, students will work on the development of well-supported paragraphs within multi-paragraph essays. Students will review vocabulary and grammar usage and will study Latin and classical Greek roots. As freshman year English literature incorporates genre survey, students will read short stories, novels, selections from mythology, and a Shakespearean play and discuss the basic technical aspects of these readings. In addition, they will be required to do some independent reading outside of class. Information literacy skills will be taught; and students will complete a research project and several creative projects.

ENGLISH I HONORS

Grade Level: 9
Credit: 1 unit
Prerequisite: Scheduling Committee Approval

This course stresses the refinement of good writing skills. The revision step of the writing process will be emphasized. Students will also review vocabulary and grammar usage. In addition to the literature studied in English I, students will have outside reading and writing assignments each quarter. Information literacy skills will be taught. Students will complete a comprehensive research project and many creative projects.

ENGLISH II

Grade Level: 10
Credit: 1 unit
Prerequisite: English I

This course provides a survey of British literature and is a reinforcement of the writing skills, vocabulary study, and grammar review done in the freshman year. Students read short stories, essays, poetry, plays, and novels. Sophomores 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 a poetry project will also be completed.

ENGLISH II HONORS

Grade Level: 10

Credit: 1 unit

Prerequisite: English I and Scheduling Committee Approval

This course provides a survey of British literature and continues the vocabulary study, mastery of basic composition, and grammar skills covered in English I; individual and class reviews of these skills are presented as needed. Students read short stories, poetry, essays, plays, and novels. Students will read additional novels to those of English II College Prep. Sophomores 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 one on poetry, a college information search, and research projects involving critical analysis of works read.

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/plays by American authors and to complete analytical projects on these works. Advanced composition skills and vocabulary development are stressed. Students are expected to apply the grammar lessons covered in English I and English II in their writing. An MLA-format research paper with a focus on literary analysis and criticism is required.

ENGLISH III HONORS

Grade Level: 11

Credit: 1 unit

Prerequisite: English II and Scheduling Committee Approval

This course includes additional assignments of a more challenging nature. Students read supplemental American novels and are expected to complete 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. Their research project is literary in nature and requires the extensive development and support of a limited thesis.

AP ENGLISH LANGUAGE AND COMPOSITION - ENGLISH III

Grade Level: 11

Credit: 1 unit plus the opportunity to earn college credit

Prerequisite: English II Honors and Scheduling Committee Approval

Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

This course is a college-level course that 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. Because we offer this course during junior year, the course incorporates a survey of American literature. Students are required to take the National Advanced Placement Credit Exam.

ENGLISH IV

Grade Level: 12

Credit: 1 unit

Prerequisite: English III

This course provides a survey of important world literature. Selections will include short stories, drama, poetry, and novels by world-famous authors in order to reveal the universality of world literature. The course offers a review of basic grammar rules, diction, syntax, and their application in composition. Skills in thesis development, organization, unity, coherence, and selective vocabulary will be reinforced. In addition to writing essays that analyze literature, students will write expository, descriptive, narrative, and persuasive essays. Refinement of skills in critical and analytical reading will be emphasized.

ENGLISH IV HONORS

Grade Level: 12

Credit: 1 unit

Prerequisite: English III and Scheduling Committee Approval

This course provides the same study of world literature as described above. Students will read additional plays and novels to those of English IV. Their study of literature is more analytical, and the students are required to make comparative analyses of major literary works. In composition, the assignments will provide a greater challenge and help students refine skills in timed analytical writing, creative writing, and literary style.

AP ENGLISH LITERATURE AND COMPOSITION - ENGLISH IV

Grade Level: 12
Credit: 1
Prerequisite: English III Honors and Scheduling Committee Approval
Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

This course engages students in the careful reading and critical analysis of imaginative literature. Through the study 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 will 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 literature. Students are required to take the National Advanced Placement Credit Exam.

CREATIVE WRITING I

Grade Level: 11, 12
Credit: 1 unit
Prerequisite: None

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

ACT PREP

Grade Level: 11, 12 with Scheduling Committee Approval
Credit: ½ unit

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
Prerequisite: None
Supply Fee: \$50

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

ART II

Grade Level: 10, 11, 12
Credit: 1 unit
Prerequisite: Art I
Supply Fee: \$50

Art II introduces the student to a variety of media, including work with materials such as pencil, pen and ink, clay, pastels, paints, and 3-D materials. 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
Prerequisite: Art I and Scheduling Committee Approval
Supply Fee: \$50

Art II Honors is for the advanced art student who has excelled in Art I and seeks the challenge of an honors curriculum. It will introduce students to a variety of media (watercolor, pen and ink, colored pencil, painting, sculpture, 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
Prerequisite: Art II and Scheduling Committee Approval
Course Fee: \$50

Art III Honors is designed to help students develop their artistic skills through in-depth process-oriented projects. 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 III HONORS - PAINTING I

Grade Level: 11, 12
Credit: 1 unit
Prerequisite: Art II and Scheduling Committee Approval
Course Fee: \$50

Painting is a beginner's course that emphasizes color theory and historical painting techniques with a focus on various paint materials and processes. Watercolor, tempera, acrylic, oil, and mixed media will be explored from small studies to large scale works.

AP STUDIO ART IV

Grade Level: 12
Credit: 1 unit
Prerequisite: Art I, Art II, Art III Honors or Art III - Painting
Course Fee: \$250

Advanced Placement 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 30 pieces of art work is required by the end of the school year for AP credit. Fee includes cost of digital photography, matting, mounting, AP testing portfolio materials, and standard art supplies.

FINE ARTS SURVEY

Grade Level: 11, 12
Credit: 1 unit

Fine Arts Survey is designed to survey the four art forms: music, art, drama, and dance. Students will explore the commonalities of these art forms. The course provides studies that include production, aesthetics, history, and criticism. The study of the arts is essential to the curriculum and broadens the student's vision to include creativity and visual awareness.

BAND

Grade Level: 9, 10, 11, 12
Credit: 1 unit
Prerequisite: Approval of Band Director and musical experience is helpful
Course Fee: \$250

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.

CHORUS

Grade Level: 9, 10, 11, 12
Credit: 1 unit

This course is designed to give the student a fundamental technical knowledge of the voice as an instrument, music reading skills, including the opportunity to play hand chimes, and the pure enjoyment 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 will participate in the District III Solo and Small Ensemble Festival as well as give concerts within the community.

DRAMA I

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Drama I is designed for the student interested in theater and offer both historical data and “hands-on” experience. The student will learn about the history of the theater and the people instrumental in its development. The fundamentals of set construction and the application of stage make-up will also be taught.

DRAMA II

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Drama I

Drama II is a combination of acting and play production. Acting builds on the basics offered in Drama I. Students will study the process and art of acting. They will learn various acting techniques and study their practitioners. Students will perform on several occasions, culminating in a night of scenes for invited guests. Play production covers the practical applications of theater production. Students study stage make-up, set design and construction, lighting design, and costume design.

DRAMA III

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: Drama I and Drama II

Drama III is a continuation of the skill learned in Drama I and Drama II. Students will complete a more advanced study of character development and technical theater design. Students will perform on several occasions, including work on a full-length dramatic production.

COMPETITIVE SPEECH - DRAMA

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

Competitive Speech/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 of all class members.

COMPETITIVE SPEECH - DEBATE

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

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

SPEECH I

Grade Level: 11, 12

Credit: 1 unit

Speech I is a basic speech course designed to assist students in developing formal oral communication skills. Students learn to research, plan, and organize speeches to inform and persuade. An introduction to debate, mock trial, and television are included.

SPEECH II

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: Speech I

Speech II is designed to enhance interpersonal communication skills and build on skills acquired in Speech I. Also included will be an advancement of problem-solving skills, non-verbal skills, trust, perception, conflict management, and interviewing

COMMUNICATION SKILLS

Grade Level: 11, 12

Credit: 1 unit

Communication Skills is a study of the communication process. Students learn about the process of communication, self-concept, verbal and non-verbal communication, group discussion, leadership skills, and relationships.

-----HEALTH AND PHYSICAL EDUCATION-----

HEALTH/PE 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/PE II

Grade Level: 10

Credit: 1 unit

Prerequisite: Health/PE 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.

HEALTH/PE II, III, IV - BASEBALL

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

This course includes conditioning and strength training with emphasis on baseball skills. The student must be a member or manager of the baseball team.

HEALTH/PE II, III, IV – BASKETBALL- BOYS/GIRLS

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

This course includes conditioning and strength training with emphasis on basketball skills. The student must be a member or manager of the team.

HEALTH/PE II, III, IV - FOOTBALL

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

This course includes conditioning and strength training with emphasis on football skills. The student must be a member or manager of the team.

HEALTH & PE II, III, IV - GIRLS FITNESS

Grade Level: 10, 11, 12

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

This course includes weight training, aerobic activity, cardiovascular conditioning, and nutrition and diet design. The course also includes the development of a cardiovascular resistance and training program designed to meet individual needs.

HEALTH & PE III, IV - LIFE AND RECREATION – GIRLS

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: Health and PE I and II

This course includes units in fitness, power walking, badminton, bowling, yoga, aerobics, and palates: course covers lifetime sports and recreation.

HEALTH & PE III, IV - LIFE AND RECREATION – BOYS

Grade Level: 11, 12
Credit: 1 unit
Prerequisite: Health and PE I and II

This course includes units in badminton, fitness, flag football, tennis, weight lifting, and volleyball.

HEALTH/PE II, III, IV - TRAINING & CONDITIONING - BOYS

Grade Level: 10, 11, 12
Credit: 1 unit
Prerequisite: Scheduling Committee Approval

This course includes conditioning and strength training with emphasis on cross country, soccer, tennis, and track. The student must be a member of one of these sports.

HEALTH/PE II, III, IV –VOLLEYBALL/SOFTBALL – GIRLS

Grade Level: 10, 11, 12
Credit: 1 unit
Prerequisite: Scheduling Committee Approval

This course includes conditioning and strength training with emphasis on volleyball and softball. The student must be a member or manager of the volleyball or softball team.

FIRST RESPONDER

Grade Level: 12
Credit: 1 unit
Prerequisite: 2.5 GPA and Scheduling Committee Approval
Course Fee: \$45 covers CPR card, state certification card, CPR mask

This course is designed to improve the quality of emergency medical care to victims of accidents and illnesses. Topics include airway management, hemorrhage control bandaging, simple spinal immobilization, simple splinting, and infection control. Students will be certified in CPR-BLS for Health Care Provider with American Heart Association prior to First Responder certification. First Responder certification is possible in the state of Louisiana upon receiving a minimum grade of 87 or above. Class size and number of sections are limited.

KINESIOLOGY

Grade Level: 11, 12
Credit: ½ unit
Prerequisite: Health/PE I and II, 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.

NUTRITION AND FOOD

Grade Level: 11, 12
Credit: ½ unit

This is an elective course in which the student will gain a comprehensive understanding of the fundamentals of nutrition through the study of the food pyramid, food nutrients, label reading, and menu planning. The student will learn healthy lifestyle choices and how to set goals.

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

CLASS OF 2011

Math Track I	Math Track II	Math Track III	Math Track IV	Math Track V
Algebra I, Part 1	Algebra I	Geometry	Algebra I Honors	Algebra II Honors
Algebra I, Part 2	Geometry	Algebra II	Algebra II Honors	Geometry Honors
Geometry	Algebra II	Advanced Math I	Geometry Honors	Pre-Calculus Honors
Algebra II	Advanced Math I Applied Math III Integrated Math III	Advanced Math II Applied Math III	Pre-Calculus Honors Advanced Math I	AP Calculus I Advanced Math II

CLASSES OF 2012, 2013 and 2014

Math Track I	Math Track II	Honors Math Track III	Honors Math Track IV
Algebra I	Geometry	Algebra I Honors	Geometry Honors
Geometry	Algebra II	Geometry Honors	Algebra II Honors
Algebra II	Advanced Math I	Algebra II Honors	Pre-Calculus Honors
Advanced Math I Applied Math III Integrated Math III	Advanced Math II	Pre-Calculus Honors	AP Calculus

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 and factoring polynomials complete this course. Students in this course will continue to work on basic math skills with the accelerated math computer-based learning program.

ALGEBRA I HONORS

Grade Level: 9

Credit: 1 unit

Prerequisite: Scheduling Committee Approval

This course is an advanced study of addition, subtraction, multiplication and division of real numbers and polynomials. Techniques of simplifying 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.

GEOMETRY

Grade Level: 9, 10

Credit: 1 unit

Prerequisite: Algebra I

This course is designed for those students who have taken Algebra I. This course covers the development of a logical mathematical system through the use of deductive reasoning. Students are taught the logic necessary to prove theorems. An in-depth study of 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

Prerequisite: Algebra I

This course is designed for those who have successfully completed Algebra I at the elementary level or Algebra I Honors at the high school level or have met the honors criteria. Students utilize inductive reasoning to discover patterns and make conjectures. 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. There is an emphasis on reviewing Algebra I skills.

ALGEBRA II

Grade Level: 10, 11

Credit: 1 unit

Prerequisite: Algebra I and Geometry

This course involves manipulations of variables and real numbers similar to Algebra I. More topics included are a) solving systems of equations, b) using data, graphing on the Cartesian coordinate system, manipulating expressions, and solving equations for each of the following – polynomials, rational, radical, exponential, logarithmic, and some inverse functions – all using the real number system, c) conic sections, d) irrational numbers and complex numbers. Applicable word problems for each of the afore mentioned topics 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

Prerequisite: Geometry Honors

This course is designed for those who have successfully completed Geometry Honors and is the study of all topics covered in Algebra II but at a more rigorous and advanced level. Topics also include matrices, more rigorous systems of equations, more rigorous word problems, and more theory behind all of the different topics.

INTEGRATED MATH III

Grade Level: 12

Credit: 1 unit

Prerequisite: Algebra I, Geometry, Algebra II, Scheduling Committee Approval

This course is designed to strengthen the student's algebra skills using a function approach. In addition to reviewing the traditional symbolic approach used in both Algebra I and II, a graphing and numeric approach is stressed using the TI-83 or TI-84. Topics include visualization of data, functions and their graphs, linear functions, solving linear, quadratic, and other types of equations and inequalities, inverse functions, exponential and logarithm functions, matrices, solving systems of equations, circular functions and models, exponential and logarithmic functions, logic and reasoning in geometry, discrete mathematics, probability, and statistics.

APPLIED MATHEMATICS III

Grade Level: 12

Credit: 1 unit

Prerequisite: Algebra I, Geometry and Algebra II and Scheduling Committee Approval

This course is designed to broaden a student's critical thinking skills and problem solving skills. This course focuses on team work and approaches problem solving in a unique way. It emphasizes connections among mathematical topics and between mathematics and other disciplines. This course is designed to strengthen the skills needed by college-bound students by utilizing Algebra II skills while focusing on graphical, numerical, and symbolic representation of functions. Functions and reasoning includes, but not limited to, the following topics: fitting curves to functions and data; circular functions and models; exponential and logarithmic functions; logic and reasoning in geometry, algebra, discrete mathematics, probability, and statistics. A TI-83 or TI-84 graphing calculator is used to facilitate learning. Students are required to work both independently and in groups.

ADVANCED MATH I

Grade Level: 11, 12

Credit: 1 unit

Prerequisite: Algebra I, Geometry and Algebra II and Scheduling Committee Approval

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.

ADVANCED MATH II

Grade Level: 12
Credit: 1 unit
Prerequisite: Advanced Math I

This course is open only to seniors who have completed a trigonometry course. In Advanced Math II, the students are exposed to a variety of mathematical topics, each building and expanding upon the skills and concepts taught in the core courses. The student further explores functions and properties of functions, trigonometry, geometry and geometrical constructions, the study of solving functions symbolically, graphically, using data, and numerically, set theory, and limits. Throughout each quarter, the teacher will continue to supplement with word problems. The students will also be exposed to and implement technology in this course.

PRE-CALCULUS HONORS

Grade Level: 11, 12
Credit: 1 unit
Prerequisite: Pre-Calculus Honors

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. This course explores functions and properties of functions introduced in earlier math courses such as: matrices, arithmetic and geometric sequences and series, vectors, parametric equations, complex numbers,

analytic geometry, analysis, logic, probability, statistics, discrete mathematics, induction, polar form, coordinates, and graphing, trigonometry and applications, definition of continuous function, limits, and derivatives. The TI-83 or TI-84 graphing calculator will be used intensively.

AP CALCULUS AB

Grade Level: 12
Credit: 1 unit
Prerequisite: Algebra I Honors, Algebra II Honors and Geometry Honors
and Scheduling Committee Approval
Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

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; and 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 test. Students are required to be proficient with and without a calculator. Applications to real-life situations are emphasized through free response questions.

ACT PREP

Grade Level: 11, 12 with Scheduling Committee Approval
Credit: ½ unit

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 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: 11, 12
Credit: 1 unit
Prerequisite: BCA I and Scheduling Committee Approval

Students will learn about journalistic writing while conducting interviews and composing stories, headlines, and captions. Staff members will practice editing skills in keeping with the Cougar Prints style sheet. Students will be responsible for taking, scanning, and editing pictures to be used in the publication. Staff members will be instructed in design layout and will learn to work in both Adobe In Design and Adobe Photoshop. Computer skills are required. Students are directly involved in the production of the school newspaper.

NEWSPAPER II

Grade Level: 12

Credit: 1 unit

Prerequisite: Newspaper I and Scheduling Committee Approval

Students will learn about journalistic writing while conducting interviews and composing stories, headlines and captions. Staff members will practice editing skills in keeping with the Cougar Prints style sheet. Students will be responsible for taking, scanning, and editing pictures to be used in the publication. Staff members will be instructed in design layout and will learn to work in both Adobe In Design and Adobe Photoshop. Computer skills are required. Students are directly involved in the production of the school newspaper.

YEARBOOK I

Grade Level: 11

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: 12

Credit: 1 unit

Prerequisite: Yearbook I and Scheduling Committee Approval

Students will be instructed in the fundamentals of design layout using Adobe In Design, copy, caption and headline writing, and 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-----

RELIGION I

Grade Level: 9

Credit: 1 unit

The Foundations of Catholicism takes a broad look at the fundamental doctrines that make up the standards of our Deposit of Faith. Students will cover a Catholic understanding of humanity, salvation, the Church, Trinitarian thought, Revelation, Scripture, and morality. A special emphasis will be given to understanding the sacraments and the sacramental life of our Church. These key concepts will be covered to provide students with a vocabulary that will provide the basis for making all future Doctrine courses more understandable.

RELIGION II

Grade Level: 10

Credit: 1 unit

The study of the Old and New Testament will cover the historical development, major themes, books, persons and events of both the Old and New Testaments. Special emphasis in the Old Testament will be given to the themes of covenants, sin, redemption, and salvation with a forward look at the establishment of a New Covenant under Christ and His Holy Catholic Church. While studying the New Testament, students will focus on Jesus as the Incarnate Word of God, as savior, redeemer, as fulfiller of the old covenant, as teacher, and as Head of His Body the Church. Students will also cover the Pauline letters, Catholic letters, and Revelation in order to further their faith in Christ.

RELIGION III

Grade Level: 11

Credit: 1 unit

The study of Morality covers the fullness of the Catholic moral theological Tradition. Key ideas of freedom, law, sin, conscience, and conversion will be developed in order to discuss, analyze, and embody holy 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 studied and reviewed with the goal of evaluating current moral issues in today's world.

RELIGION IV

Grade Level: 12

Credit: 1 unit

Senior religion is a compilation of Church History and Social Justice Studies designed to build upon the foundation of the previous three years of Religion. This course by necessity will demand independent learning skills, critical thinking, academic rigor and curiosity. As aligned with the United States Conference of Catholic Bishops, this course is designed to prepare seniors to live up to their faith in action as they leave St. Thomas More Catholic High School.

-----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, waves, sound, light, electricity, and magnetism. 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, 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: 10

Credit: 1 unit

Prerequisite: 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.

CHEMISTRY I

Grade Level: 11

Credit: 1 unit

Prerequisite: Biology

Co-requisite: Algebra II

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 or Co-requisite: Algebra II Honors

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
Prerequisite: Chemistry I Honors

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

AP CHEMISTRY II

Grade Level: 11, 12
Credit: 1 unit
Prerequisite: Chemistry I Honors
Fee: \$150 for College Board Exam. **Students are required to purchase textbook**

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. 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 equilibria, kinetics, thermodynamics, electrochemistry, nuclear chemistry, advanced reactions and introductory organic chemistry. Students are required to take the National Advanced Placement credit exam.

ANATOMY & PHYSIOLOGY

Grade Level: 12
Credit: 1 unit
Prerequisite: 78% average in Biology I and Chemistry

Anatomy and Physiology includes topics of human anatomy and physiology of the body with an emphasis on how the body works and why. This course is ideal for college bound students who are interested in pursuing careers in the medical field. Please note: This course does not fulfill any TOPS requirements.

BIOLOGY II

Grade Level: 11, 12
Credit: 1 unit
Pre requisite: Biology I and Chemistry

Biology II is a course designed for students who have a strong interest in science. It is the second level biology course for college preparation. Students explore advanced topics in cellular biology, genetics, ecology, plant and animal anatomy and physiology. Research and advanced laboratory techniques are emphasized.

BIOLOGY II HONORS

Grade Level: 11, 12
Credit: 1 unit
Pre requisite: Biology I Honors, Chemistry I Honors 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 and human anatomy and physiology.

ENVIRONMENTAL SCIENCE

Grade Level: 11, 12
Credit: 1 unit
Pre requisite: Biology I

Environmental Science is an elective course which covers ecology, communities and populations, resource management, agroecology, pollution, and energy. Included in each topic will be a consideration of the environmental ethics, politics, and economics. This course will include lab work, research projects, and presentations.

PHYSICS

Grade Level: 12
Credit: 1 unit
Pre or Co-requisite: Advanced Math I

Physics is a theoretical and mathematical science which 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
Pre requisite: Geometry Honors

Physics HONORS is a theoretical and mathematical science which 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 land forms, climates, oceans, and waterways. The political world concepts of cultures will also be studied. Economic and cultural aspects of human life are stressed.

CIVICS/FREE ENTERPRISE

Grade Level: 10
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/FREE ENTERPRISE HONORS

Grade Level: 10
Credit: 1 unit
Pre requisite: 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.

AMERICAN HISTORY

Grade Level: 11
Credit: 1 unit
Pre requisite: Civics

American History is a college-preparatory course that will include an account of the growth of the American nation from colonization through the twenty-first century. The major focus of the course will cover Reconstruction to the present. Emphasis is placed on the application of critical thinking skills in the study of the Constitution and government, democracy, America's role in domestic and international economics, political parties, and labor unions. Students will analyze the political, social, and economic impact of social reforms and wars on the American citizenry and its allies.

AMERICAN HISTORY HONORS

Grade Level: 11
Credit: 1 unit
Pre requisite: Civics/Free Enterprise and Scheduling Committee Approval

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, and independent study.

AP UNITED STATES HISTORY

Grade Level: 11
Credit: 1 unit
Pre requisite: Civics Honors and Scheduling Committee Approval
Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

Advanced Placement 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 juniors who wish to complete studies equivalent to an introductory college course. Students are required to take the National Advanced Placement Credit exam.

WORLD HISTORY

Grade Level: 12
Credit: 1 unit
Pre requisite: American History

World History covers the development of our society from its primitive beginnings to the present. Renaissance to the present will constitute the major focus of the class. Survey coverage is given to major world cultures with emphasis on Western civilization from the early river civilization of the Middle East, through the Greek and Roman periods to modern times.

WORLD HISTORY HONORS

Grade Level: 12
Credit: 1 unit
Pre requisite: American History Honors and 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 WESTERN CIVILIZATION

Grade Level: 12
Credit: 1 unit
Pre requisite: American History Honors or AP U. S. History and Scheduling Committee Approval
Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

Advanced Placement Western Civilization 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 seniors who wish to complete studies equivalent to an introductory college course. Students are required to take the National Advanced Placement Credit exam.

LAW STUDIES

Grade Level: 11, 12
Credit: ½ unit

Key concepts and major theories of the legal system in the United States will be discussed including: lawmaking, the court system, criminal law, individual rights and liberties, and contracts.

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 or Law Studies.

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 or Law Studies.

-----**WORLD LANGUAGE**-----

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.

FRENCH II

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Pre requisite: 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

Pre requisite: French I and Scheduling Committee Approval

This course is a conversational class for advanced students. Emphasis is put on developing the students' listening and speaking skills. Grammar is taught in the context of reading and writing assignments.

FRENCH III HONORS

Grade Level: 10, 11, 12

Credit: 1 unit

Pre requisite: French II and Scheduling Committee Approval

This course is a study of grammar, composition and reading. Students are introduced to French poetry which provides a more thorough study of literary excerpts. Special focus is placed on oral proficiency.

AP FRENCH IV

Grade Level: 11, 12

Credit: 1 unit

Pre requisite: French III Honors and Scheduling Committee Approval

Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

This course is a college-level French course for juniors or seniors that emphasizes student ability to understand spoken French in various contexts; development of a French vocabulary ample for reading newspaper articles, literary texts, and other non-technical writings; and reasonable fluency and accuracy in both written and spoken French. The course also focuses on the rich heritage of French culture and literature. Students are required to take the National Advanced Placement Credit exam.

LATIN I

Grade Level: 9, 10, 11

Credit: 1 unit

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 HONORS

Grade Level: 10, 11, 12

Credit: 1 unit

Pre requisite: Latin I and Scheduling Committee Approval

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 introduces students to the Hispanic world of the past, present, and future. Emphasis is placed on pronunciation, listening, speaking, reading, and writing. Vocabulary is learned; greetings are taught in context with cultural anecdotes. Students will also be able to translate from Spanish to English and will learn to read Spanish texts.

SPANISH II

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Pre requisite: Spanish I

This course further develops the skills introduced in Spanish I. Grammar is reviewed, and the remainder of the tenses and modes are taught. Reading, writing, speaking, and listening comprehension skills are emphasized.

SPANISH II HONORS

Grade Level: 9, 10, 11, 12

Credit: 1 unit

Pre requisite: Spanish I and Scheduling Committee Approval

This course is a conversational class for advanced students. Emphasis is put on developing the students' listening and speaking skills. Grammar is taught in the context of reading and writing assignments.

SPANISH III HONORS

Grade Level: 10, 11, 12

Credit: 1 unit

Pre requisite: Spanish II and Scheduling Committee Approval

This course provides a more thorough practice in all verbs and tenses, particularly in 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.

AP SPANISH IV

Grade Level: 12

Credit: 1 unit

Pre requisite: Spanish III Honors and Scheduling Committee Approval

Course Fee: \$150 for College Board Exam. Students are required to purchase textbook

This is college-level Spanish course for juniors or seniors that emphasizes student ability to understand spoken Spanish in various contexts; development of a Spanish vocabulary ample for reading newspaper articles, literary texts, and other non-technical writings; and reasonable fluency and accuracy in both written and spoken Spanish. The course also focuses on the rich heritage of Spanish culture and literature. Students are required to take the National Advanced Placement Credit exam. Fee: \$200 textbook and College Board Exam.