



St. Catherine of Siena Academy
2019-2020 Programs of Study



St. Catherine of Siena Academy
"Upon Knowledge Follows Love"

St. Catherine of Siena Academy

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Graduation Requirements

4.0 credits English

4.0 credits Math

3.0 credits Social Studies

3.0 credits Science

4.0 credits Catholic Theology

2.0 credits Latin

1.0 credits Philosophy

1.0 credit Physical Education

1.0 credit Visual/Perf/Applied Art

3.0 credits Additional Electives

26.0 credits to graduate

Service Hour Graduation Requirement: To create a school culture which prizes the missionary work of the Gospel and introduces our students to the world around them we require service.

Hours to be Earned Per Year:

Freshmen: 20 hours

Sophomores: 25 hours

Juniors: 30 hours

Seniors: 35 hours

Please note: only 1/3 of hours for each year can be earned in the summer

Opportunities at SCA which Provide Hours:

March for Life = 10 hours

Domestic Mission Trip = 15 hours

Dominican Republic Trip = 20 hours

EPOCH Week: each full day of service counts for a total of 4 hours when students attend the full week

Mission Retreat: for seniors and juniors = 10 hours for full weekend

Hours for EPOCH Week may only be earned if the student is in attendance full days, ALL days that week.

Additional Opportunities Include: Open Houses, High School Nights at the various Catholic grade schools, Gala help, Sacristans, Office Help, food drives or clothing sorting, independent volunteer hours, etc.



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Visual, Performing, and Applied Arts Courses

Tremble IIA/IIB (Choir)

Symphonic Band (Ensemble Music)

Music Technology & Composition (Piano)

Artworks

Drawing & Painting

Digital Imaging & Communication

AP Studio Art

Pottery

Drama I and II

Yearbook

Math Related Courses

Accounting

College Readiness Math

Entrepreneurship

Personal Finance

SAT Math

STEM: Science, Technology, Engineering, Mathematics



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Standardized Student Assessments

Important standardized achievement tests are given throughout the year. Please check in the Guidance Office for specific dates, times, locations, and costs of the tests you are interested in. Students with specific questions should meet with their counselor.

Juniors and Seniors are encouraged to visit the Guidance Office to get help registering for the SAT/ACT.

PSAT/NMSQT

(Preliminary SAT/National Merit Scholarship Qualifying Test)

Target: 9th, 10th and 11th graders

When: National test date in October

Where: St. Catherine's

Purpose: National Merit Scholarship Competition qualifier

Fee: paid for by SCA

AP Exams

(Advanced Placement Exams)

When: Determined by the College Board, usually in May

Where: St. Catherine's

Fee: Costs are established by the College Board

Sign Up: Pay for test in advance in the Guidance Office, usually in February

SAT/ACT Tests

(SAT Reasoning Test/American College Test)

When: Throughout the year

Where: National Testing Centers

Register: ACT www.act.org SAT www.collegeboard.com

Fee: Costs are established by the testing company; It is imperative to remember that tests must be signed up and paid for well in advance of test date directly to testing company

Purpose: College entrance exams

Code #: **233789**

Note: SCA will administer the State SAT exam for juniors during the State testing window for free.

Khan Academy (Exam Prep Materials)

Target: 9th, 10th, 11th and 12th grade students

When: Throughout the Year

Where: www.khanacademy.org/sat

Fee: Free and personalized SAT practice

Purpose: Have access to thousands of interactive questions, four official full-length tests, video lessons, hints, and answer explanations.



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College Preparation Information

St. Catherine's utilizes an online program called **Naviance** as a college and career preparatory tool for students and families. Naviance is a comprehensive college and career readiness solution that aligns student strengths and interests to postsecondary goals, improving student outcomes and connecting learning to life.

Once enrolled, students and parents will be given accounts to log-in to the system.

Students will have the opportunity to:

1. Take Career/Personality profile tests
2. Explore career fields and corresponding college majors
3. Research colleges, majors and tuition costs
4. Assess financial aid and scholarship opportunities
5. Use the portal to apply to universities
6. Keep track of community service opportunities and hours
7. Make academic and career plans

We recommend that students begin making their post-secondary plans early. Students should:

A. List and rank the top five college choices.

Do they have my major? Are they affordable?
Can I get in? Can it be "home" away from home?

B. Visit the College:

Look into their degree programs, tuition, financial aid, student housing, student activities and admissions requirements. Contact the admissions office to set up.

Application Process: Apply to four or more schools in the Fall of Senior Year.

Know application deadlines!!!!

COLLEGE PLANNING WEBSITES

bigfuture.collegeboard.com

michigancollegeguide.org

cappex.com

bls.gov/ooh

Financial Aid

fafsa.ed.gov

fastweb.com

finaid.org

ibrinfo.org

SAT & ACT Prep

CollegeBoard.org

actstudent.org

princetonreview.com



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For Seniors to Send Transcripts to Colleges

We use an electronic service, **Parchment**, to send transcripts to universities, scholarships and employers.

Students have access to transcripts, any time, and anywhere.

1. Go to www.parchment.com
2. Click on Sign-Up and complete registration info
3. Provide an email address and password (Parchment will send a confirmation email)
4. Click on *My Transcripts*
5. Search for and select destination (pick the appropriate tab...see NOTE below)
6. Confirm destination and delivery
7. You will receive a confirmation email once it's sent

NOTE: Follow instructions depending on the type of institution

Common Application Schools: use the "Common Application" tab

Other Universities: use the "Academic Destinations" tab

Scholarships: use the "Select Other Destinations" tab

NCAA: use the "NCAA" tab





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NCAA Eligibility

For those students interested in participating in college athletics, the following requirements must be satisfied.

Those interested should inform their counselor as early as possible.



DIVISION I-A/ DIVISION 1-AA --- 16 core Courses

4 years of English
3 years of Math (Algebra 1 or higher)
2 years of Natural or Physical Sciences with lab
1 extra year of English, Math or Science
2 years of Social Studies
4 years of extra core courses (these include, Math English, Science, Social Studies, Foreign Language, non-doctrinal religion or philosophy)

* Use the NCAA worksheet to determine GPA and then look on the NCAA Website for the Guide for the College-Bound Student-Athlete to determine GPA and Test score sliding scale requirements

(<http://www.ncaapublications.com/productdownloads/CBSA.pdf>)

Go To: www.eligibilitycenter.org for more info

DIVISION II --- 14 Core Courses

3 English
2 Math credits (Algebra 1 or higher)
2 Science Credits
Additional Credit - English, Math, or Science
2 Social Studies Credits
3 Additional Credits from any area above, Foreign Language, or non-doctrinal religion/ philosophy
For the most current information on these and other NCAA Clearinghouse requirements, please see the NCAA website for initial-eligibility requirements.
In Division II there is NO Sliding scale.
The minimum core GPA is 2.000
The minimum SAT score is a 820 (Verbal + Math) or
The minimum ACT score is a 68 (English + Reading + Math + Science)



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To Do List for High School Athletes Seeking to Play Sports in College

Go To: www.eligibilitycenter.org for more info

Grade 9 and Grade 10

Verify with your high school guidance counselor and the online core-course listing to make sure you are on track.

Grade 11

Register with the eligibility center.

Make sure you are still on course to meet core-course requirements (verify you have the correct number of core courses and that the core courses are on your high school's list with the eligibility center).

After your junior year, send your transcript through Parchment. If you have attended any other high schools, make sure a transcript from each high school is sent to the eligibility center.

When taking the ACT or SAT, request test scores to be sent to the eligibility center (the code is "9999").

Grade 12

Complete amateurism questionnaire and sign the final authorization signature online on or after April 1 if you are expecting to enroll in college in the fall semester. (If you are expecting to enroll for spring semester, sign the final authorization signature on or after October 1 of the year prior to enrollment.)

Request a final, graduation transcript be sent to NCAA through Parchment.

Why do I need to register and be certified?

If you intend to participate in athletics at a Division I or II school as a freshman, you must be registered with and be certified as eligible by the NCAA Initial Eligibility Clearinghouse.

Please note that initial-eligibility certification pertains only to whether you meet the NCAA requirements for participation in Division I or II athletics and has no bearing on your admission to a particular Division I or II institution.

To be classified as a qualifier under NCAA standards, you will need to graduate from high school with a diploma, have successfully completed the core courses, met the GPA/test score requirements, completed an amateurism survey, and have abided by all amateurism rules.



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Grading System and Honor Roll

Grades at SCA are calculated using the scale as detailed below. Grade point averages are to the .00 decimal place and are not rounded numbers. Cumulative grade point averages are a compilation of each semester a student is in school.

% Score	Letter Grade	Grade Point
93-100	A	4.0
90-92	A-	3.7
87-89	B+	3.3
83-86	B	3.0
80-82	B-	2.7
77-79	C+	2.3
73-76	C	2.0
70-72	C-	1.7
67-69	D+	1.3
63-66	D	1.0
60-62	D-	0.7
<60	F	0

Honor Roll

A student who earns a 3.50 or higher Grade Point Average (GPA) for 1st and 2nd semester without any C or lower marks, will be placed on the Honor Roll. Honor Roll will be posted each semester. GPA's are calculated on an unweighted 4.00 scale.

Seniors will graduate with honor's based on the following GPA criteria. Students must maintain the GPA for seven semesters.

3.50 to 3.69 Cum Laude

3.70 to 3.94 Magna Cum Laude

3.95 to 4.00 Summa Cum Laude



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Campus Ministry and Faith Formation Programs

Retreats and Pilgrimages

To retreat, to "come away with the Lord", is a necessary and valuable use of time in order to grow in relationship with the Lord. With that in mind, each of the classes has retreats each year. We will also hold retreats for the whole school during Advent and Lent.

Pilgrimage to Italy

To celebrate our namesake, St. Catherine of Siena, and to grow in our knowledge of our faith and of the many saints who have gone before us, we offer a pilgrimage to Siena, Rome, and Assisi every other year. All students will have two opportunities to pilgrimage to Italy during their tenure at St. Catherine of Siena Academy. A priest acts as spiritual director on the pilgrimage and Mass is part of the daily itinerary.

Mission/Service Experiences

Each year, we hold Epoch Week. This week is "epoch" because the student body goes on mission. Some students travel out of state or the country to help those in need. The students who don't go away on "mission" serve with organizations in the Metro-Detroit area to help our neighbors in need. Students earn hours toward their service graduation requirement. In addition, students put together a presentation on their service experiences and present to their peers what they have learned.

Hours for EPOCH Week may only be earned if the student is in attendance full days, ALL days that week.

Some mission experiences include:

March for Life: The St. Gianna Molla Society (pro-life club) takes part in the annual March for Life in Washington, DC. This pilgrimage for life involves prayer, Mass at the Cathedral Shrine of the Immaculate Conception, a visit to the Holocaust Memorial, and attendance of the March for Life events.

Out of State/Country Mission Trips: In the past we have also taken student groups on mission to areas of need such as: the Dominican Republic, Florida, and Washington, D.C. Students have worked in impoverished area with populations such as: children, the homeless, veterans, etc. Each year we try to plan one such trip.

Local EPOCH Week service locations (include but are not limited to): soup kitchens, local elementary schools, nursing homes, St. Vincent de Paul Thrift Stores, food banks, pregnancy resource centers, etc.



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Interdepartmental Programs

Freshmen Seminar

Prerequisite: Freshmen status

This is a one semester course designed to prepare freshman for high school level work. Time will be devoted to learning study skills, notetaking and organizational strategies. Students needing academic assistance or unprepared for the rigor of high school coursework should enroll in this course. Students may enroll in this course for a full year.

Academic Seminar

Prerequisite: Counselor recommended

This is a one semester course designed to aid students in organization, study skills, homework completion and time management. The focus will be on aiding students in habits which will lead to academic success in their courses.

Study Skills

Prerequisite: Sophomore, Junior or Senior status

This course is designed for students requiring accommodations in the classroom. Students will have time to complete work, learn study techniques, notetaking skills, time management, and organizational techniques. Grade will be pass/fail. Students need to see their counselor for permission to enroll.

Online Learning Lab

Prerequisite: Junior or Senior status

This course is for students wishing to take a course through Michigan Virtual High School. The course must be approved by the student's counselor and parents prior to registration. Grades are assigned based on the percentage achieved on the online course. A SCA teacher proctors the course but is not the course instructor.

Independent Study

Prerequisite: Senior status, counselor recommended.

This course is designed for seniors preparing for collegiate work in a particular field of study. Students spend the semester on a research project. The course is self-directed by the student under the guidance of a teacher who is an expert in the field of study. Students need permission from a teacher, counselor, and an independent study form with a detailed description of the research project. See your counselor!!!

Leadership Course

Prerequisite: Junior or Senior status and an officer on student council.

This course is designed for students holding office positions in school leadership. Students will learn how to develop and implement projects, communicate effectively, and utilize the skills necessary to be successful in leadership. The course will focus on problem-solving, creating and achieving goals, interpersonal skills and team building. Skills for this course include: motivation, communication, creativity, responsibility, initiative and dependability. Grade will be a pass/fail. Must complete permission slip to enroll in the course. See your counselor!!!

Community Service Course

Prerequisite: Senior status

This course is designed to apply the skills necessary for employability and centers on the standards developed by the State for Michigan Career and Employability Skills. Students will learn how to develop projects, utilize organizational technology, and communicate in a variety of settings. The course will focus on organizing school paperwork, creating and maintaining school-wide bulletin boards, and working on various projects throughout the year which service the building. Skills for this course include: communication, creativity, technology, responsibility, initiative and dependability. Students must be recommended by teacher/counselor and are subject to an interview by SCA Personnel. Grade will be pass/fail. Must complete permission slip to enroll in the course. See your counselor.



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Dual Enrollment

Pre-Requisites: Junior/Senior Status and must meet requirements outlined below.

Students who have advanced in their academic studies or are pursuing unique vocational tracks are eligible to enroll in college level courses for college credit while still in high school. The State of Michigan provides funding for these students up to a certain dollar amount. Students may enroll in any approved college/university. Students will need to see their SCA counselor to complete an application and dual enrollment contract. Please see your counselor!

A student seeking approval for dual enrollment must meet the following criteria:

1. College appropriate test scores on the PSAT, ACT PLAN, ACT or MME Assessment, (see the chart below)
2. St. Catherine's GPA of 3.7 or higher
3. Must be on track to graduate
4. Must take courses which align with the student's EDP
5. Student has exhausted highest level of St. Catherine coursework in a given area.

	Critical Reading		Writing		Mathematics		English		Science		Social Studies	
	QS	AS	QS	AS	QS	AS	QS	AS	QS	AS	QS	AS
PSAT	460				510							
ACT	22				22		18		23			
SAT	480				530							



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Art

Artworks [Two Semesters/ 0.5 Credit Each]

Prerequisites: None

In this introductory studio art course, students will develop an awareness and appreciation for visual art through the study of art history, aesthetics, and various artmaking techniques. Through the exploration of various media such as paint, clay, graphite, and ink, students will develop a basic understanding of the elements and principles of art. As the course progresses, students will learn how to use their new skill sets to inform their own unique creativity. This course will provide opportunities to further critical thinking, interpret visual art, and to better understand the work around them and within them.

Digital Imaging & Communication [One Semesters/0.5 Credit]

Prerequisites: Intro to Art

Material Requirements: DSLR camera is required and a laptop is strongly suggested

In this introductory course, students will explore the field of photography by studying its role throughout history and developing their own photographic skillsets. Drawing from the fundamental principles of art & design introduced in the Introduction to Art course, students will consider the composition of a successful photo and learn the skillsets necessary to capture their own photographs. Students will learn how to use their digital cameras manually, to manipulate all the settings and select the right format based on their understanding of available lighting and subject matter. This course will emphasize critical thinking through the exploration of conceptual approaches to photography and focus on the development of work that is meaningful and intentional in its communication of ideas or emotions. Student will also have the option to work in film and learn how to develop their own photographs.

AP Studio Art [Full Year/1 Credit]

Prerequisites: Introduction to Art I and two additional art courses (pick any two); **Recommendation from Art Instructor**

This course is focused mainly on the individual students developing their own unique artistic vision, and in building their student portfolios. These

portfolios can and should be used for college applications, scholarships and competitive exhibitions. The aim of this course is for the student to create a body of work that is representative of the high school student's art experience and more importantly exhibit an identified direction or working and idea exploration. Students should have completed three prerequisite courses in order to enroll in this course. Students will be responsible for developing their own projects and ideas and will be expected to critically engage in the process of creating work and researching concepts.

Pottery I [One Semester/0.5 Credit]

Prerequisites: Introduction to Art

This studio course introduces students to the field of ceramics. Students will explore the various artmaking processes within ceramics such as traditional hand-building techniques, develop thrown clay skillsets, and slip casting processes required for making molds. Students will also learn the scientific properties of clay and glazes and learn how to fire their work. This course is a great opportunity for students to explore the possibilities of creating 3-dimensional art as opposed to the 2-dimensional format in previous courses. We will study the role of ceramics throughout history and focus on design within the arts & crafts movement.

Drawing & Painting [One Semester/0.5 Credit]

Prerequisites: Introduction to Art

Required supplies: Sketchbook (notebook sized, 8"x11" or 9"x12"), paintbrush set. Paints may be purchased if desired but are not required. A course focused on the fundamentals of painting. Emphasis is placed on color theory and exploration of different mediums, techniques, and subjects. Students will be using primarily acrylic and watercolor paints to experiment and increase artistic self-confidence, increase understanding of the basics of painting, and to produce successful works of art.





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Performing Arts

Tremble (Choir I, II, & III) [One Semester/ 0.5 Credit]

Prerequisites: None

First Year Choir students will learn the basics of reading, breathing, choral singing, theory, music history (Fall), ear-training (Spring), as well as perform at various events. Students sing for mass a minimum of 1 day/week.

Mandatory, graded performances are expected throughout the year.

Advanced Choir is for 2nd year choir students.

Second year choir students develop all the skills listed above and are expected to perform an additional solo or duet as well as lead sectionals. Students sing for mass a minimum of 2 days/week.

Advanced Choir is for 3rd & 4th year choir students.

Third- & fourth-year students develop all the skills listed above as well as perform a musical theater song or art song and small group songs with harmonies. Students will be assigned a 1st year student to mentor. Students are held to a higher musical standard and professionalism & memorization is expected. Students are encouraged to take Advanced Choir for the full year. Students sing for mass a minimum of 3 days/week.

Symphonic Band (Ensemble Music) [One Semester/0.5 Credit]

Prerequisites: 1+ Year(s) of experience on an instrument

First Year Music students will learn the basics of reading, phrasing, ensemble playing, theory, composition, music history (Fall), ear-training (Spring), as well as perform at various events.

Mandatory, graded performances are expected throughout the year. Students play for mass a minimum of 1 day/week.

Second, Third, and Fourth Year Music students develop all the skills listed above and are expected to perform an additional solo or duet each semester as well as lead sectionals and mentor first year students.

Students are held to a higher musical standard and professionalism & memorization is expected. Students play for mass a minimum of 2 days/week.

Praise & Worship Music [One Semester/0.5 Credit]

Prerequisites: Open to Juniors & Seniors who sing or play an instrument. Students will learn theory, sight-reading, improvisation, and ensemble playing/singing. Students will perform for the school during Praise & Worship small groups, sing for mass a minimum of 3 days/week, perform at the Gala in November, as well as various other events throughout the year.

Music Technology & Composition (Piano)

Beginning Piano [One Semester/0.5 Credit]

Prerequisites: None

In this introductory piano course, students will develop basic piano technique, theory, sight-reading skills, music history (Fall), and ear training (Spring). Students move at their own pace. The format of the course offers time for private practice in the practice rooms during class time as well as individual instruction.

Intermediate Piano [One Semester/0.5 Credit]

Prerequisites: 1-3 Years of previous piano experience

In this intermediate piano course, students will develop their piano technique, theory knowledge, sight-reading skills, music history (Fall), ear training (Spring), and perform at one event per semester. Students move at their own pace. The format of the course offers time for private practice in the practice rooms during class time as well as individual instruction. Students play for mass a minimum of 1x/month.

Advanced Piano [One Semester/0.5 Credit]

Prerequisites: 4+ Years of previous piano experience

In this advanced piano course, students will refine their piano technique, build their theory knowledge and sight-reading skills, refine their musicality, research music history (Fall), develop their ear training skills (Spring), and memorize & perform at two events per semester. Students



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move at their own pace. The format of the course offers time for private practice in the practice rooms during class time as well as individual instruction. Students play for mass a minimum of twice/month. Students are held to a higher musical standard and professionalism & memorization is expected.

Business

Accounting [Full Year/1 Credit]—Satisfies 4th year Math Credit

Prerequisites: 11th or 12th grade and successful completion of Algebra I

Accounting will prepare students who may consider pursuing a career in accounting and/or for those who will be required to take an accounting course at the college level. This course will introduce students to the basic accounting principles and procedures that are applied to the accounting records kept for businesses and business ethics. This will include journalizing transactions, posting, petty cash, financial statements, and adjusting and closing entries. Automated accounting software (QuickBooks) may be utilized. SCA’s Business Laboratory, St. Cate’s Corner, will be utilized to apply the accounting concepts to real world situations.

Accounting Internship [Full Year/1 Credit]

Prerequisites: 12th grade and Accounting or another business course (B Average AND recommendation of the Business Teacher); DECA Membership is **required**. DECA Fee is \$25.00

To apply the student’s academic knowledge obtained in the classroom to a practical and real-world experience. Allowing the student to utilize 21st Century Educational Knowledge and Skills to demonstrate the ability to master College and Career Ready skills. St. Catherine of Siena Academy’s Internship Work-Study Program allows students with unpaid internships to prepare for the world of work and college as well as earn high school elective credit. The program also provides documentation that supports Career Based Skills and verification and accountability of the student’s achievements.

This is for students who may consider pursuing a career in accounting and/or for those who are interested in careers requiring accounting. The

student will work under the supervision of the Business Teacher and be responsible for the bookkeeping of St. Cate’s Corner. Tasks include: weekly reports, deposits, physical inventory, financial reports, monthly tax reports and other store related assignments. If proficient in QuickBooks

the student may have an opportunity as well to also work in SCA’s Business Office under the supervision of the Director of Finance.

Applied Computer Technology [One Semester/0.5 Credit]

Prerequisites: none

This one semester computer course will introduce students to the skills and knowledge of using Windows operating system, Microsoft Office, as well as online educational applications. Students will enhance their technology skills using Microsoft Word & Excel. Online applications are integrated into the course to help students keep current with technology trends including Google and its applications, Weebly or Wix and video-editor. Students will end the semester with a culminating class portfolio website that can be used in the future.

Business Ethics/Law [One Semester/0.5 Credit]

Prerequisites: 11th or 12th grade

Businesses are faced with making the right decisions every day. Business Ethics explores and identifies ethical behavior and what goes into making the right decision. Ethical decision-making requires skills that will be put to the test in every aspect of life. Using faith and reason allows one not to divide business and faith and arrive at principled decisions as a force for good. The ultimate goal is to form future business leaders to make decisions based on virtues which is good for business. Business is an opportunity to serve God by serving others. Resource used is: *A Catechism for Business: Tough Ethical Questions and Insights from Catholic Teaching* (Abela and Capizzi). Students have an opportunity to put into practice what they learn in the classroom through their work in the business laboratory—St. Cate’s Corner.



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Entrepreneurship/Intro to Business [One Semester / 0.5 Credit Class]—
Satisfies 4th year Math Credit

Prerequisites: 10th, 11th, or 12th grade; DECA Membership is encouraged but not required

Do you want to be a successful business owner? This one semester class is for anyone interested in understanding how to start and operate a business. Students will learn the many opportunities and challenges of business ownership. Course topics include: Developing your Mission/Philosophy, Principled Entrepreneurship, Vocation of a Business

Leader, types of business ownership, ethics, local and global business opportunities and challenges, legal analysis, business planning, price and promotional strategies, and financial analysis.

This class offers an opportunity to have "real-world" business experiences. The students use SCA's Business Laboratory, St. Cate's Corner, to develop, test-market, and launch their product/service. They also must obtain a "loan" from the Business Teacher and remain in budget as they make business decisions, along with their partners, that have real impact on cost, break-even, and profit. Overall, the class gives students a broad exposure to business operations and solid background for additional business courses as well as practical applications to all topics covered.

Marketing I [Full Year/ 1 Credit]

Prerequisites: 10th, 11th or 12th grade & successful completion of Algebra I; DECA Membership is **required**. DECA Fee is \$25.00

This year-long course is a study of how a product or service is introduced, developed, priced, advertised, and sold in the marketplace (brick and mortar and online). SCA's Business Laboratory: St. Cate's Corner is used to apply the concepts used in this course. This course also requires students to work shifts in St. Cate's Corner as part of their real-life experience. The shifts are: during lunch and after school shifts; as well as at least 2 SCA major events per quarter (e.g. home games, open houses, parent nights and school evening events).

Course topics include: Mission and Philosophy of SCA, Principled Entrepreneurship, Business as a Vocation, business communication; economics; market analysis; product decisions from innovation to production, pricing, and packaging; promotion decisions from advertising to personal selling; placement decisions from channel of distribution to merchandising and visual displays, salesmanship and technology.

Marketing II: Store Operation [Full Year/1 Credit]

Prerequisites: 11th or 12th grade; Marketing I and/or Entrepreneurship/Intro to Business (B Average & Teacher Approval); DECA Membership is **required**. DECA Fee is \$25.00

This year-long course is designed to provide training in managing the operations of a retail store under real conditions in SCA's Business Laboratory: St. Cate's Corner. The school store is used to apply the concepts learned in previous business classes. Students will also be trained in managing shifts in St. Cate's Corner as part of their real-life experience of developing managerial/supervisory skills. The shifts are: during lunch and after school shifts; as well as at least 2 SCA major events per quarter (e.g. home games, open houses, parent nights and school evening events).

Students develop additional management skills by collaborating with the Marketing I and Entrepreneurship Classes, and Business Club Volunteers as well as, other departments such as Art, Admissions, and Finance. Under the direction and guidance of the Business Teacher, they assist in scheduling, training, and overseeing the shifts in St. Cate's Corner. In the process, they develop skills in training and managing students who volunteer to work in the store. This class is comparable to an internship.

Course topics include: Importance of Mission/Philosophy, Principled Entrepreneurship, business communications; business ethics, retailing, budgeting, scheduling, purchasing, pricing, and sales analysis; visual and display design, marketing research, advertising and management.

There is a DECA fee associated with this course.



St. Catherine of Siena Academy
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Personal Finance [One Semester/0.5 Credit]—Satisfies 4th year Math Credit for 0.5 credit

Prerequisites: None

This class exposes students to best practices for managing their finances. The goal is for students to gain basic knowledge, acquire skills and form good habits (virtues) that lead to successful and charitable personal finance management. The goal of the class is that the students become financially responsible, conscientious, and virtuous members of society through the skills learned and be a "FORCE FOR GOOD". Lecture, videos, research, project-based learning, simulations, discussion and hands-on activities are utilized throughout the class.

Topics include: S.M.A.R.T. Goals, Budget Formation and management, purchases, growing wealth, banking, financial goal attainment, wise use of credit, insurance, college debt (goal to be debt free), charitable giving and stewardship, and taxes. The importance of virtuous living and personal ethics are examined as it pertains to consumerism as well as career goals and discerning God's Plan oneself. The HR Block Budget online Challenge Simulation (no cost) is utilized to allow "real-world" application of the classroom topics.

DECA membership is optional.



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English

English 9 - Foundations of Literature [Full Year/1 Credit]

Prerequisites: 9th grade status

This course introduces students to key works of world literature, both classical and contemporary, with a focus on literary terms and techniques. The literature is drawn from a global selection of novels, graphic novels, short stories, poems, and films. As students encounter and discuss the texts, they examine themes of transition, personal identity, alienation, and community. The foundations course is designed to develop the skills of critical reading and literary analysis *before* having students compose longer argumentative essays. Vocabulary is taught primarily through lessons on the common Greek and Latin roots that make up many words in the English language. Furthermore, a public speaking requirement pushes students to practice their rhetorical skills.

English 9 - Foundations of Literature: Honors [Full Year/1 Credit]

Prerequisites: students testing in the 80thile and above on 8th grade Standardized test scores and earning an A in 8th grade Language Arts

Like the Foundations course, this introduces students to key works of world literature, both classical and contemporary. The literature is drawn from some of the classics of literature like, *The Iliad* and *Self-Reliance*. The course is set at a fast pace, requiring students to already understand the basic literary elements as well as grammatical structures. Students should be prepared for independent reading, research and critical analysis of content as well as development of rhetoric skills and public speaking. Vocabulary is taught primarily through lessons on the common Greek and Latin roots that make up many words in the English language. Students will also be taught the fundamentals of argumentative and research essays.

English 10 - American Literature [Full Year/1 Credit]

Prerequisites: Completion of English 9 Foundations course

The American Literature course builds upon the critical reading and writing skills emphasized in English 9. The course is designed to further develop

students' fundamental skills in critical reading, discussion, and analytical writing that allows them to be confident, thorough, and effective in expressing their ideas. The driving question for the course is "What does it mean to be an American?" To help answer this question, students read material in a variety of genres set in the Gilded Age through the mid-20th century United States from different "American" perspectives during that era. The themes addressed in these earlier American works are reflected in current issues, on which students will read articles and essays. Students will engage in close textual analysis as they respond to the ideas authors present as well as to the literary devices they employ. In addition to critical reading and discussion, students will write in a number of genres and will share their writings for class use in lessons, models, and/or peer critiques.

English 10 - American Literature: Honors [Full Year/1 Credit]

Prerequisites: Top 15% of ENG 9 Class OR a maintained B+ average in ENG 9 Honors

The Honors American Literature course builds upon the analytical and writing skills emphasized in Honors English 9. The course is designed to teach advanced reading and writing through the fundamentals of literary analysis, rhetorical theory, and develop skills in grammar, usage, and vocabulary through reading and writing. The driving question for the course is "What does it mean to be an American?" To help answer this question, students read challenging material in a variety of genres set in the Gilded Age through the mid-20th century United States from different "American" perspectives during that era. The themes addressed in these earlier American works are reflected in current issues, on which students will read articles and essays. Students will concentrate on identifying and analyzing the formal literary techniques used by the authors, as well as questions of history's influence on these works. In addition to challenging reading, students will write in a number of genres and will share their writings for class use in lessons, models, and/or peer critiques. The course is designed to prepare students interested in the Advanced Placement track for Language, and Literature and Composition.



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Juniors and Seniors will have the choice of which English course to take their junior and senior years. AP Language and Composition and AP Literature and Composition are both still options as core English courses for juniors and seniors.

Advanced Placement English Language and Composition [Full Year/1 Credit]

Prerequisites: Completion of ENG 10 Honors with a grade of "B+" or higher; 80%ile and above on standardized test scores. Junior/senior status.

AP English Language and Composition is a two-semester course designed for high-ability students interested in the study of rhetoric, as well as the study of both fiction and non-fiction literature. This class is the equivalent of a first-year undergraduate composition class, with all of the workload that this entails. Students who take this class must have a strong interest in the nuances and uses of the English language; they must enjoy writing in various styles and genres; and they must be strong readers who can read challenging texts independently. This course incorporates the study of fiction and non-fiction texts from a variety of writers whose style and technique will be used as models, in keeping with the recommendations of the College Board. Students will write expository, analytical, and argumentative essays, as well as personal and reflective writing, using a variety of rhetorical skills and patterns of development. This course will also focus on preparation for the AP English Language and Composition Exam in the spring.

AP Literature and Composition [Full year/1 credit]

Prerequisites: Successful Completion of Honors level Junior English course or 80th percentile or higher in Junior English class.

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading 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 such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Students will read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. In addition to considering a work's literary artistry, students reflect on the social and historical values it reflects and embodies. Writing assignments focus on the critical analysis of literature and include expository, analytical and argumentative essays.

English 11 and English 12: Women in Literature [Full Year/1 credit]

This full-year core elective English course will look at the evolution of the "idea" of women in literature over the past century. Students will read a variety of non-fiction and fiction texts from the 18th century to the present day written about women and/or by women from across the globe to exploring the "mystery" of the female. This course explores women's access to power and self-determination – and, at times, the lack thereof. Students will examine how focusing on women's experiences in literature can ignite social and political awareness and progress. By examining literature written about and primarily by notable women, we will explore and ultimately gain a deep understanding of various perspectives on women as individuals, wives, mothers, and friends.

English 11 and English 12: Contemporary Literature [Full Year/1 credit]

This full-year core elective English course is designed to expose students to contemporary literature and expression. The course will provide students with a framework that enables them to respond to literature in personal, critical, and creative ways. Students will read from contemporary works of fiction from the last 40 years, and will also read the latest short fiction, poetry, essays, memoir, art, music and film reviews. Topics under consideration will vary but may include a chronological introduction to the development of contemporary literature, a consideration of a principle theme or themes common to contemporary literature through a number of works, or a consideration of a number of contemporary works in the context of historical events central to the period.



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English 11 and English 12: British Literature [Full year/1 credit]

In this course, students hone interpretive skills as they are introduced to canonical texts of Britain from a variety of genres. In order to further their expanding vocabulary and solidify their knowledge foundational skills, students study vocabulary and grammar throughout the year. Students demonstrate their knowledge of literary devices and strong argumentative writing skills in their essays based on the literature and themes of the course. At the end of each semester, students showcase a self-designed project as a culmination of their work.

English Electives

Drama I [One Semester/0.5 Credit]

Prerequisites: Introduction to Theatre OR Permission of Instructor

Students in Beginning Acting focus on developing their acting skills through improvisation activities, vocal and physical exercises, character analysis, small group performances, and monologues. Students will deepen their understanding of the craft of acting and build on the skills learned in Introduction to Theatre.

Minimum Enrollment: 5 students

Maximum Enrollment: 15 students

Drama II [One Semester/0.5 Credit; May be repeated for credit]

Prerequisites: Acting I OR Permission of Instructor

This course focuses on advanced acting techniques and text analysis. Students learn various methods and techniques for preparing a role as well as practical knowledge on how to audition, how to rehearse with actors, and how to give and receive criticism. There will also be a focus on methods and techniques for performing the Shakespeare repertory. Various forms of physical acting, mime, improvisational theatre, and vocal technique will be studied in this class. As part of their training, students will view and critique theatre performances both inside and outside the classroom. Maximum Enrollment: 10 students

Creative Writing [One Semester/0.5 Credit]

Prerequisites: Junior/Senior status

The course focuses on student created writing of a non-academic nature. Students will learn and study a variety of fiction and non-fiction writing formats that include letters, narratives, memoirs, short stories, and poems. The course will be instructional and will also follow a workshop format where writers review each other's work. This elective may not be repeated.

Exploring Poetry [One Semester/0.5 Credit]

Prerequisites: Juniors/Senior status

In this course, students will study convention and innovation in English-language poetry from the Renaissance to the present day as we seek to understand, analyze, and write poetry. Along with formal explorations, we will consider how poetry speaks to the broader culture – to ideals of community, to times of warfare, and to other public issues. Through in-class writing exercises, reading of model poems, and discussion of student work, this course encourages students to produce poetry of increasing quality. Students will learn the basic elements of poetry, important types of poems, and fundamental poetic techniques and will be expected to write analytically about poetry in addition to writing their own.

Performing Arts [One Semester/0.5 Credit]

Prerequisites: Open to 9-12 grades

Introduction to Theatre is a semester-long class designed to introduce students to the basics of theater acting, theater production, and theater history. Students learn theater terminology, stage directions, the history of Western theater, and how to begin creating different characters and emotions. Students develop their skills through a variety of different activities: improvisation games, readers' theatre, radio dramas, puppet shows, mime, and small group scenes.

Minimum Enrollment: 5 students; Maximum Enrollment: 15 students



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Newspaper & Journalism [One Semester/0.5 Credit]

Prerequisites: 10th, 11th or 12th grade

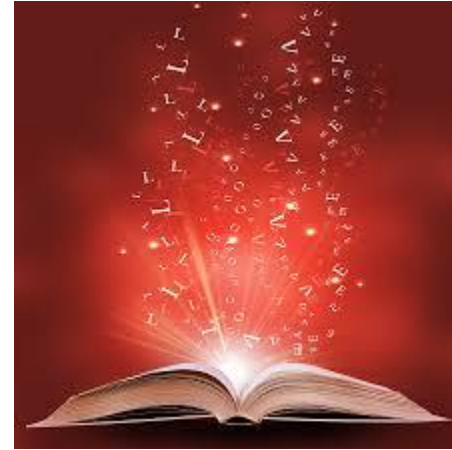
Journalism is a semester course designed for students interested in newspaper and magazine journalism. Students will learn both the history and function of journalism, as well as how to write non-fiction pieces for journalistic publication. The class will focus on the ethical responsibilities of a free press, the challenges of our digital media world, and the ways that language and rhetorical choices shape meaning. Students will learn the fundamentals of news, feature, editorial, and sports writing, and will write several original pieces using varied structures and techniques. This class will also introduce students to the basics of photojournalism and graphic design for journalistic publications.

THIS CLASS IS A PREREQUISITE FOR YEARBOOK

Yearbook [Full Year/1 Credit; may be taken 2nd Semester if preceded by Journalism]

Prerequisites: Journalism with a grade of B or higher AND permission of Instructor. Open to all 10th, 11th, and 12th graders who have already taken Journalism; Students may take this class more than once.

Yearbook is a year-long course designed to further develop students' journalistic skills in the areas of writing, photography, and design. Students will learn advanced copywriting, editing, headline writing, caption writing, and page design. They will also learn how to market and sell the yearbook. Motivation, responsibility, independence, and self-direction are essential qualities for students interested in taking this class. The goal of the yearbook class is not only to develop real-world skills in marketing, design, and communication, but also to create the finished yearbook for the school year. Students will be expected to spend time outside of class in order to complete the yearbook.





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Health & Physical Education

Health [One Semester/0.5 Credit] **Required Course**

Prerequisites: It is recommended students take this course in 9th grade.

This one semester course will enable students to become better informed regarding decisions about the care and maintenance of their personal health. Students will be instructed in the following units:

- Personal Health and Wellness
- Mental and Emotional Health
- Managing stress
- Resolving Conflicts and preventing violence
- Nutrition and Physical Activity
- Alcohol, Tobacco, and Other Drugs
- Safety and Environmental Health

Physical Education [One Semester/0.5 Credit] **Required Course**

Prerequisites: It is recommended that students take this course in 9th.

This one semester course will allow the student the opportunity to improve her skills in the many sports covered in class. There is a strong emphasis on personal fitness throughout the course. The course emphasizes daily exercise; therefore, the student will participate in cardiovascular fitness, weight & circuit training, work-out videos, running, etc. This class is graded based on participation.

Team Sports [One Semester/0.5 Credit]

Prerequisites: Physical Education and approval of Physical Education Teacher

This is a one semester course which will allow the student the opportunity to improve her skills, maintain an appropriate level of fitness, and develop stress reduction techniques. The course includes participation in the following sports: volleyball, softball, basketball, soccer, floor hockey, badminton, etc. This class is faster-paced and requires more athletic competitiveness.

Personal Fitness [One Semester/0.5 Credit]

Prerequisites: Physical education

This class is designed to introduce students to the knowledge, skills, fitness, and attitudes needed to lead a healthy life. Students will be participating in health-related fitness, cardiovascular fitness, and weight training through the class.





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Foreign Language

Foundations of Latin [Full Year/1 Credit]

Prerequisites: This course is designed for the student struggling in 8th grade English and reading below grade level and with 8th grade test scores and/or HSPT below a 40%ile in language.

This course introduces students to the basic elements of Latin grammar and syntax. It differs from Latin I in that it moves at a slower pace and includes more work in English grammar and syntax. Foundations of Latin will cover approximately half of the material covered in Latin I. Students will learn how Latin's inflected system of nouns, adjectives and verbs functions and will build up a storehouse of Latin vocabulary. Readings in Latin and English will introduce students to the daily life of the Romans.

Latin I [Full Year/1 Credit]

Prerequisites: Reading at or above grade level.

The course is designed to introduce students to the basic elements of Latin grammar, particularly the inflected forms of verbs, nouns and adjectives, and the normal syntax of a Latin sentence. In addition, students will begin to build a storehouse of Latin vocabulary. The course will emphasize examining grammatical structures and applying them to simple Latin texts to derive meaning. Readings in Latin and English will introduce students to the daily life of the Romans.

Foundations of Latin II [Full Year/1 Credit]

Prerequisites: Foundations of Latin I or C or below in Latin I

This course will continue where the previous Foundations course leaves off, with significant review of the material from that course. As in the former course, the pace will be slower, as students acquire more knowledge of Latin's inflected forms and vocabulary.

Latin II [Full Year/1 Credit]

Prerequisites: Grade of C or better in Latin I recommended

As a continuation of the beginner course, Latin II introduces more forms of Latin nouns, adjectives and verbs and continues to build the student's storehouse of vocabulary. Emphasis again will be placed on using grammatical knowledge to read increasingly complex Latin.

Latin III [Full Year/1 Credit]

Prerequisites: Grade of A in Latin II and/or instructor's consent

In Latin III, emphasis moves away somewhat from word forms to grammatical structures. Special attention will be given to the variety structures that use the subjunctive mood and the notion of time relationships between dependent and independent clauses. The goal of Latin III is to complete the formal training in grammar, so that students in Latin IV can move on to reading ancient Latin texts. This course will move at a quicker pace and is designed for students who have demonstrated a thorough understanding of the principles learned in Latin I and II.

Latin IV [Full Year/1 Credit]

Prerequisites: Grade of A in Latin III and/or instructor's consent

The last course in the sequence aims to give students an experience roughly equivalent to that of a third semester college course. Students will read real Latin texts, both prose and poetry, with the help of vocabularies and commentaries. In addition to the usual emphasis on grammar, in Latin IV students will gain an appreciation for the various types of literature, both classical and ecclesiastical, that Latin writers produced.



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Spanish 1 [Full Year/1 Credit]

Prerequisites: Students should be reading at or above grade level.

This course is an introductory course to Spanish. Students will learn the basics in vocabulary and grammar. Emphasis will be placed on grasping the building blocks of the language to gain confidence in composition and conversation.

Spanish 2 [Full Year/1 Credit]

Prerequisites: Spanish 1 (must be a Spanish 1 course taught using the high school content standards)

This course builds on the foundation from Spanish 1 with an emphasis on vocabulary, grammar, conversation and composition in Spanish. Students will be learning more about the fundamentals of the language to be able to speak/write it and will learn more about the culture to understand customs.

Spanish 3 [Full Year/1 Credit]

Prerequisites: Spanish 2

This course builds on the foundation from Spanish 2 with an emphasis on vocabulary, grammar, conversation and composition in Spanish. Students will have the opportunity to read, write and speak in Spanish.





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Mathematics

Algebra Concepts [Full Year/1 Credit]

Prerequisites: Freshmen only. This course is a general math course for students who have scored below the 30th percentile on 8th grade standardized test scores and struggle in 8th grade math with a C or lower.

Algebra Concepts is a spiral course, meaning that concepts are constantly repeated and reviewed. It covers basic arithmetic skills involving fractions, decimals, and integers. The first semester requires all homework to be completed without the use of a calculator. Geometric concepts including formulas for area and perimeter, graphing, and the Pythagorean Theorem are studied. The language of algebra is introduced, with emphasis on translating word problems to algebraic equations. All topics help to build foundational understanding to prepare the student to successfully study Algebra I.

Algebra 1 [Full Year/1 Credit]

Prerequisites: designed for students who scored A/B's in 8th grade mathematics and score above the 40th percentile in math on standardized test scores.

Students will learn and use the language of algebra to solve real world problems involving linear, absolute value, quadratic, polynomial, exponential, radical, and rational functions and inequalities. These functions will be analyzed graphically and analytically, applying the properties of real numbers. Algebra I is a gateway course to all high school mathematics courses. It is strongly suggested that any student who earned 85% or lower in algebra in 8th grade repeat Algebra I in 9th grade.

Geometry [Full Year/1 Credit]

Prerequisites: Successful completion of Algebra I.

Students will learn and use the language of geometry to solve problems involving angles, polygons, and solid shapes. Students will also learn the mechanics of proof writing and have an introduction to logic in mathematics. Triangles will be studied in detail as students discover

relationships between angles and sides of a triangle and are introduced to trigonometric ratios as a means to solve problems. Solving of word problems and construction techniques will also be stressed in this course.

Honors Geometry [Full Year/1 Credit]

Prerequisites: Algebra I. For incoming Freshmen, students testing in the 80th percentile and above on 8th grade standardized test scores and earning A's in 8th grade math. For upper classmen: instructor recommendation based upon Algebra I achievement (90% or better final grade).

Honors Geometry covers the basic concepts that are taught in Geometry at a faster pace and including more in-depth discussion and problems solving skills. Students also cover a unit on geometric probabilities. Additional concepts will prepare the student to succeed in Honors Algebra II.

Algebra II [Full Year/1 Credit]

Prerequisites: Successful completion of Algebra I. A student may take Algebra II before, concurrently with, or after Geometry.

Students will review the concepts of algebra I in greater depth and intricacy, and in addition will analyze both graphically and analytically logarithmic and trigonometric functions. The use and operation of matrices will be studied. Complex numbers will be discussed as solutions to quadratic equations. The Factor and Remainder theorems will be used to find solutions of higher order polynomials. Finite sequences and series, both arithmetic and geometric, will be analyzed. Basic trigonometric ratios will be studied and used to solve problems. Extensive use of the TI-83/84 graphing calculator will enable students to explore these topics in depth.



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Honors Algebra II [Full Year/1 Credit]

Prerequisites: Completion of both Algebra I and Honors Geometry, or instructor recommendation based on Geometry achievement (90% or better final grade).

Honors Algebra II covers the basic concepts that are covered in Algebra II at a faster pace and including more in-depth discussion and problem-solving skills. Additional topics will prepare the student to study Honors Precalculus.

Precalculus [Full Year/1 Credit]

Prerequisites: Successful completion of Algebra II.

Precalculus reviews the concepts covered in Algebra II in more depth and in addition covers topics in trigonometry, basic conic sections, and statistics. The shape of functions will be studied in detail and paired with the topics of end behavior and continuity. Operations involving complex numbers, series and sequences, matrices, and logarithms will be reviewed. The unit circle will be studied, and students will be able to analyze and graph trigonometric functions. Vector operations will be studied and their applications to other concepts will be used in class. Students will be able to give attributes of conic sections and will know basic statistical concepts. Extensive use of the TI-83/84 calculator will be used to explore these topics in greater depth.

Honors Precalculus [Full Year/1 Credit]

Prerequisites: Successful completion of Honors Algebra II, or instructor recommendation based upon achievement in Algebra II (90% or better).

Honors Precalculus covers the basic topics covered in Pre-calculus at a faster pace while including more in-depth discussion and problem-solving skills. Students also cover more topics in conic sections and limits. Additional topics will prepare students for AP Calculus courses.

AP Calculus AB [Full Year/1 Credit]

Prerequisite: Honors Pre-Calculus with a grade of A or higher, or instructor approval.

Students will prepare for the Calculus AB exam by exploring derivatives and integrals and their applications through related rates and optimization. Thorough knowledge of limits, continuity, trigonometric functions, and the shape and behavior of curves is expected and used throughout the course. This is a college level course, and students should plan on one hour of homework each night.

AP Statistics [Full Year/1 Credit]

Prerequisites: Honors Algebra II or Honors Pre-calculus with a grade of B or higher, or instructor approval.

AP Statistics is a college level course that prepares students for higher level coursework in mathematics or for coursework in statistics related fields such as psychology or medicine. This course covers the topics of graphing and analyzing univariate data, graphing and analyzing bivariate data, planning and analyzing an experiment, rules of probability, and statistical inference. Students will complete a variety of projects in planning, administering, and analyzing surveys, analyzing studies, and analyzing sets of data. We will also be taking a look at current events and analyzing data from recent studies and events in light of the teachings of the Catholic Church. Students are expected to take the AP Statistics examination in May.

College Readiness Math [One Semester/0.5 Credit]

Prerequisites: Algebra II

This course will survey several topics in math, with different focuses on: geometry, algebra, trigonometry and statistics. All topics studied will help students gain strength in math skills, prepare for college math placement tests and excel in basic math courses at the collegiate level. Students will be exploring applications of each of these focuses to their daily lives through hands-on activities, real world applications, and projects.



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STEM: Science, Technology, Engineering, Mathematics

[One Semester/0.5 Credit]

Prerequisites: Junior/Senior status

education provides intentionally designed and linked learning experiences for students to develop and apply understandings of science, technology, engineering, and mathematics concepts and processes. The class will provide a robust teaching and learning framework for the construction of numeracy skills, along with assessments, which incorporate a strong analysis component for meeting individual student needs. This course empowers students to learn to solve complex problems using creativity and problem solving in a fun, collaborative environment. The curriculum supports classroom instruction that includes opportunities for interaction in the classroom, where students carry out investigations; talk and write about their observations and emerging understandings; and discuss ways to test them.

High-Quality STEM Education In Michigan (<http://house.michigan.gov>)

WHAT IS HIGH-QUALITY STEM?

- Much more than an acronym for "hands-on" or "doing science"
- Culminating, inclusive approach that provides students with practical applications of conceptual material and information
- Enables students to use conceptual knowledge to develop solutions to real world problems in a practical manner

STEM EDUCATION & "STANDARDS-BASED"

Practices

- ♣ Behaviors that scientists engage in as they investigate and build models and theories about the natural world;
- ♣ Key set of engineering practices that engineers use as they design and build models and systems.

Content

- ♣ Broad Importance across multiple sciences and engineering disciplines or a key organizing concept of a single discipline;
- ♣ Provide a key tool for understanding or investigating more complex ideas and solving problems;
- ♣ Relate to the interests and life experiences of students or be connected to societal or personal concerns that require scientific or technological knowledge;

- ♣ Be teachable and learnable over multiple grades at increasing levels of depth and sophistication.

Cross Cutting Concepts

Crosscutting concepts have application across all domains of science.

- Linking the different domains of science:
- Patterns, Similarity & Diversity
 - Cause & Effect
 - Scale, Proportion & Quantity
 - Systems & System Models
 - Energy & Matter
 - Structure & Function
 - Stability & Change

SAT MATH PREP COURSE: only offered 1st semester Junior year

[One Semester/0.5 Credit]

Prerequisite: Junior Status

Students preparing for the SAT should know what kind of math they need to master to earn a high score. Fortunately, most SAT Math only involves topics covered from basic arithmetic to Algebra II. Though SAT math problems may seem more challenging due to the phrasing of word problems, understanding what concepts are and are not covered will allow students to understand the types of questions that will be asked and to solve them more quickly on the test.

Arithmetic

These basic concepts, including rational numbers and sets, may appear in the more advanced form of abstract arithmetic problems, but the underlying math required to solve them is not very advanced.

Algebra

The largest component of the SAT math section involves algebra and functions. The most advanced algebra concepts on the SAT include quadratic equations, absolute value and inverse or direct variation

Geometry

The SAT covers basic plane and coordinate geometry, including polygons, circles and slope-intercept form. Geometric shapes on the SAT are frequently regular and standard, such as right triangles or parallelograms, or complex figures comprised of multiple standard figures.

Statistics

A small portion of the covers data analysis and statistics, largely focusing on interpreting tables and graphs and using mean, median and mode. Basic probability can also appear on the test.



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Science

Biology [Full Year/1 Credit]

Prerequisites: None

This is a two-semester college preparatory course. Biology is the study of living organisms and the processes by which they interact with each other and their environment. This course will address the basics of biochemistry, cell biology, genetics, evolutionary theory, ecology, systems dynamics and biodiversity. We will also discuss current issues in biology and the Church's teachings in regard to these issues. This course includes lecture and lab (including dissections), group and individual assignments. Laboratory investigations will include primary data collection and analysis of computer-generated data from simulations, data interpretation and analysis, and student inquiry.

Honors Biology [Full Year/1 Credit]

Prerequisites: Placement based on the eighth-grade science teacher's recommendation, eighth-grade final grade in science, and HSPT score in the 85th percentile.

This two-semester, college-preparatory course is recommended for those students who are planning to major in science, medicine, or engineering during their college careers. Students will focus on a more in-depth investigation of the biological concepts, including biochemistry, cell biology, genetics, evolutionary theory, ecology, systems dynamics and biodiversity. We will also discuss current issues in biology and the Church's teachings in regard to these issues. This course includes lecture and lab (including dissections), group and individual assignments. Laboratory investigations will include primary data collection and analysis of computer-generated data from simulations, data interpretation and analysis, and student inquiry. A high priority will be placed on critical thinking and problem-solving skills.

Chemistry [Full Year/1 Credit]

Prerequisites: Successful completion of Biology and Algebra I and/or concurrent enrollment in Algebra I and recommendation of Biology teacher.

This is a two-semester college preparatory course. Students will focus on an understanding of chemistry concepts of the basics of types of matter, chemical reactions, chemical bonding, forms of energy, energy transfer, and laboratory safety. Students will learn to frame chemical questions in algebraic terms and solve problems. We will also discuss current topics in chemistry and the Church's teachings regarding use of technology. This course includes lecture, lab, group and individual assignments. Laboratory investigations will include primary data collection and analysis of computer-generated data from simulations, data interpretation and analysis, and student inquiry.

Honors Chemistry [Full Year/1 Credit]

Prerequisites: Successful completion of Honors Biology and Algebra I or recommendation of Biology AND Algebra I teachers.

This two-semester college preparatory course is highly recommended for those students who are planning to major in science, medicine or engineering during their college careers. Students will focus on an understanding of chemistry concepts of the basics of types of matter, chemical reactions, chemical bonding, forms of energy, energy transfer, and laboratory safety. Students will learn to frame chemical questions in algebraic terms and solve problems. We will also discuss current topics in chemistry and the Church's teachings regarding use of technology. This course includes lecture, lab, group and individual assignments. Laboratory investigations will include primary data collection and analysis of computer-generated data from simulations, data interpretation and analysis, and student inquiry. A high priority will be placed on critical thinking and problem-solving skills.



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Conceptual Chemistry [One Semester/0.5 Credit]

Prerequisites: Successful completion of Biology and Algebra I, or concurrent enrollment in Algebra 1 and recommendation of Biology teacher.

Conceptual Chemistry is a practical, non-quantitative chemistry course designed for students who desire an understanding of chemical concepts and applications. This course may be used as an introduction to Chemistry. Students will learn about the fundamental properties of matter and energy. Topics will include the classification of matter, states of matter, study of the atom and its components, chemical bonding and chemical reactions. A significant portion of class time will be dedicated to laboratory investigations.

Conceptual Physics [One Semester/0.5 Credit]

Prerequisites Successful completion of Biology and Algebra I, or concurrent enrollment in Algebra 1 and recommendation of Biology teacher.

Conceptual Physics is a practical, non-quantitative physics course designed for students who desire an understanding of physics concepts and applications. This course may be used as an introduction to Physics. Students will learn about the fundamental properties of matter and energy. Topics will include velocity, acceleration, forces, energy transformations, waves and electricity. A significant portion of class time will be dedicated to laboratory investigations.

Physics [Full Year/1 Credit]

Prerequisites: Successful completion of Biology and Algebra I and/or recommendation of Biology teacher. Sophomore/Junior/Senior status.

Physics is the study of the natural world, the mechanics of motion, and the interaction between electricity and magnetism. This is an introductory course that will address how objects move in various frames, forces, energy, waves and sound, light, electrostatics, and simple electrical circuits. We will also discuss recent findings in physics and how they relate to our beliefs as Catholics and Christians. This course includes lecture and

laboratory experiments. Students are expected to participate in all experiments in order to meet the objectives of the course.

AP Biology [Full Year/1 Credit]

Prerequisites: Successful completion of Honors Biology and Honors Chemistry with a B+ or better and/or recommendation of Biology/Chemistry Instructor. Junior/Senior status.

AP Biology is an intensive, college level Biology course and prepares students for advanced college coursework in the biological and health sciences. Topics include biochemistry, energetics, genetics, plant and animal anatomy and physiology, cytology, diversity of life, evolution, ecology and animal behavior. Students will do a variety of research projects, independent analyses of current scientific research, and scientific writing. In addition to the AP Biology course curriculum, students will study and discuss the teachings of the Church regarding Creation, as found in the Catechism. At least 25% of course time will be dedicated to laboratory work. Students are expected to participate in all laboratory activities and to do a significant amount of at-home study to meet learning objectives. This class will prepare the student to take the AP Biology Examination in May. Students are expected to spend at least 7 hours each week in individual study outside of the classroom.

AP Chemistry [Full Year/1 Credit]

Prerequisites: Successful completion of Honors Biology and Honors Chemistry with a B or better and/or recommendation of Biology/Chemistry Instructor. Junior/Senior status.

AP Chemistry is a college level course for students who want to pursue a career in a science field. It is designed to prepare students for the AP exam. There will be a brief review of topics from Honors Chemistry, but taking them to a deeper understanding. Additional topics are solutions, chemical kinetics, chemical equilibrium, acid-base equilibria, solubility equilibria, entropy, electrochemistry and nuclear chemistry. A large portion of the class will be devoted to experimentation developing expertise in procedures and practical applications of topics studied. The pacing required to complete all tested topics will be rigorous. Students are expected to spend a minimum of minimum 7-10 hours of study outside of



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class time. Students are expected to take the AP Chemistry examination in May.

AP Physics I [Full Year/1 Credit]

Prerequisites: Successful completion of Honors Geometry and Honors Biology or recommendation of Biology and Geometry teachers. Sophomore, Junior, Senior status.

AP Physics I is a college level course and prepares students who do not plan on majoring in a science related field for the first semester of core classes in physics and general science. This course covers the seven big ideas in physics: properties of objects and systems, fields and interactions between objects, interactions between objects and forces, conservation laws, waves and energy, and quantum mechanical systems. Students will complete a variety of investigations and projects to describe and model interactions and properties of objects, fields, waves, and systems. About 25% of the time will be dedicated to laboratory experiments. Students are expected to complete all laboratory experiments and be able to work on their own to complete some experiments or go deeper into the material learned. Students are expected to take the AP Physics I examination in May.

AP Physics C [Full Year/1 Credit]

Prerequisites: Successful completion of AP Physics I with a grade of B or higher (or instructor's permission). Successful completion of or concurrent enrollment in Calculus is also required. Junior/Senior status.

AP Physics C is a rigorous college level course and prepares students who plan on majoring in science or engineering fields for advanced college coursework. This course covers topics in mechanics and electricity and magnetism: kinematics, dynamics, work and energy, circular motion, waves, electrostatics, electrical circuits, magnetic fields, and electromagnetism. Students will complete a variety of investigations to describe, name properties of, and model interactions between objects, fields, waves, and systems. About 20% of class time will be dedicated to laboratory experiments. Students are expected to complete all laboratory experiments and be able to work on their own to complete some

experiments and go deeper into the material learned. Students are expected to take both AP Physics C examinations in May.

Science Electives

Anatomy and Physiology [Full Year/1 Credit]

Prerequisites: Successful completion of Biology and Chemistry and/or recommendation of Biology teacher. Junior/Senior status or permission of instructor.

Anatomy and physiology is designed to prepare students for college coursework in the biological and health sciences. Major topics include body organization, chemistry of life, cell structure and function, cell division, body tissues and organs, and organ systems. Organ systems will include skeletal, muscular, nervous, immune, endocrine, digestive, urinary, and pulmonary. Respect for life and the wondrous beauty of how God made us will be emphasized. This course includes lecture, lab, group and individual assignments.

Astronomy [One Semester/0.5 Credit]

Prerequisite: Successful completion of Biology and Chemistry and/or recommendation of Instructor.

Astronomy is the study of the solar system, stars, galaxies, interstellar bodies, and the universe. This is a one semester course that explores how to use astronomical instruments, the relationship between heavenly bodies, and the origins of the universe. Students learn how to use and interpret the Hertzsprung-Russell Diagram, keep a satellite in orbit, and chart the movement of heavenly bodies. Students will also complete projects on these topics.



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Biomedical Ethics [One Semester/0.5 Credit]

Prerequisites: Successful completion of Biology and Chemistry and/or recommendation of Instructor. Senior Status.

Biomedical ethics studies the reasonableness of human choices and actions that typically occur in medical and science practices. These issues have arisen with the advent of new technology, and include case studies in human experimentation, cloning, reproductive technologies, abortion, end-of-life issues, lying, stem-cell research, the nature of the doctor-patient relationship, life-sustaining treatments, autonomy, and euthanasia. Students will practice their critical thinking, analytical writing, and problem-solving skills in their analysis of case studies. Emphasis will be placed on how students can apply theoretical ethics to actual cases that our society faces today. Students will also debate the role of scientific advancements and the ethics of the cases. Students will explore the Catechism of the Catholic Church and other church teachings as they relate to different ethical issues. Students will be expected to write weekly position papers, provide oral analysis of cases, and write research papers on several topics.

Environmental Science [Full Year/1 Credit]

Prerequisites Successful completion of Biology and Chemistry and/or recommendation of Instructor. Junior/Senior status

Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental Science is a multidisciplinary science. Environmental Science is an applied science that has deep roots in problem solving. In the class, students will be able to apply knowledge from the basic sciences and mathematics to practical real-world problems. At least 30% of course time will be dedicated to laboratory work, field work and projects. Students will explore church teaching with respect to the environment, including Laudato Si by Pope Francis. This is a junior/senior level course, and students are expected to

have completed Biology in order to enroll. Students who opt to take the AP Environmental Science exam in the spring should have completed Honors Biology and Honors Chemistry prior to enrolling and expect to do additional at-home study in order to be well-prepared.

Note: Students may opt to take the AP Environmental Science exam in the spring if they have completed Honors Biology and Honors Chemistry prior to enrolling. AP students can expect to do additional at-home study in order to be well-prepared.

Organic-Chemistry Fuels & Food [One Semester/0.5 Credit]

Prerequisites Successful completion of Biology and Chemistry and/or recommendation of Instructor is required. Junior/Senior Status

Food science is the study of the chemistry of food and metabolism. The course is the application of both biology and chemistry in our everyday life. Topics include the structure of different types of food, digestion and absorptions of nutrients, essential nutrition, the environmental aspects of producing food, and cooking basics. Additional topics include the history of spices, taste, vegetarian/vegan lifestyles, and practical kitchen skills. This course is designed for project-based learning, as well as lab and lecture. Additional parent waiver is required.

Forensic Science [One Semester/0.5 Credit]

Prerequisites Successful completion of Biology and Chemistry and/or recommendation of Instructor is required. Senior status and completion of Anatomy and Physiology is recommended.

Forensic science is the application of science to solving crimes. The course is rich in exploration and lab investigations which apply many disciplines of scientific study such as biology, anatomy, chemistry and physics to crime scene analysis. Topics will include observation, crime scene investigation and lab techniques. Students will study death including the meaning, manner, mechanism, cause and time of death. Additional topics will include an introduction to forensic anthropology and entomology, collection and analysis of trace evidence, fingerprints, DNA fingerprinting, toxicology, blood, and arson investigation. Students will discuss and



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analyze case studies of real historic crimes, including autopsy, toxicology and police documents. Additional parent waiver will be required.

Health Sciences Internship [Full Year/2 Credits]

Prerequisites: Successful completion of Biology, Chemistry, Anatomy and acceptance into the program through an application process. Senior status.

This course provides students with an interest in health care careers to intern at off-site locations and observe and assist health care professionals at work. The internship will also include study of regional anatomy, pathophysiology, and health care careers. First aid and CPR will also be taught. Interns are expected to maintain an overall GPA of 3.2 or higher and to maintain the highest moral character, with excellent attendance, punctuality, behavior and demonstrated generosity. Students in the internship must be willing to submit to a background check and TB testing and will participate in HOSA and service projects to support local health care. The internship opportunity counts for two class periods each day.

Laboratory Skills [1 Semester/0.5 Credits]

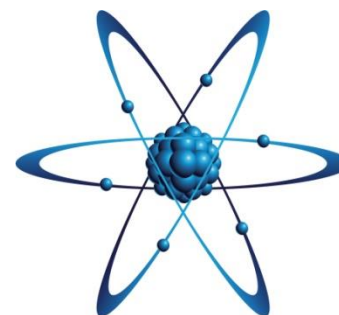
Prerequisites: Successful completion of Honors Biology and Honors Chemistry, and permission of instructor. Junior/Senior status.

A limited number will be accepted into this course, in which the students practice their laboratory skills and assist the instructor to set up labs. Students must be able to work independently, and during the semester must show mastery of a minimum of 50 laboratory skills from the comprehensive list available. Skills include equipment set-up, preparation of solutions, aliquoting samples, care of glassware, animal husbandry, and instruction support during labs. Students should be comfortable working with animals. Students must be able to properly and safely weigh and measure chemical solids and liquids, and to properly calculate molarity prior to enrolling in this course. Students can expect to spend some time in the biology, chemistry and physics labs during this course.

Independent Research in an Advanced Science Topic
[1 Semester/0.5 credits]

Prerequisites: Successful completion of AP Biology or AP Chemistry or AP Physics and permission of instructor. Senior status.

A limited number of advanced students will be accepted into this course, in which students conduct approved independent research in either biology or chemistry. Students will choose a research project according to their interest from the units presented in AP Biology and AP Chemistry, culminating with a report and presentation at the end of the semester. Students are encouraged to present their work both within the school and at an appropriate conference. Students may take this course for the full year if the project is of sufficient scope and complexity.





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Social Studies

World History [Full Year/1 Credit]

Prerequisites: Freshmen Status

This course will focus on the development of reading strategies and study skills through the scope of world history. This course will develop a student's understanding of the political, economic, religious, social, intellectual, and geographic development of civilizations of both the Eastern and Western Hemispheres. The course will cover the fall of the Roman Empire to present day. (9th)

Honor's World History [Full Year/1 Credit]

Pre-requisites: Freshmen status. Student test scores in the 80thile and above on 8th grade standardized test scores and earning an A in 8th grade Social Studies.

This two-semester course is designed for students who have demonstrated exceptional performance in social studies. Students are required to read and research intensively in World History. Analytic writing and critical thinking processes are incorporated into the course work. Students will develop an understanding of political, economic, religious, social, intellectual, and geographic development in civilizations of both the Eastern and Western Hemispheres. Making use of a variety of resources, the course will cover history Roman Empire to present day.

United States History [Full Year/1 Credit]

Prerequisites: Sophomore status recommended

This is a two-semester course. The development of the United States from 1865 to the present is emphasized in this two-semester sequential course. Students develop an understanding of political, economic, religious, social, intellectual, and geographic relationships affecting the United States in history and in today's world. Using the Declaration of Independence, the Constitution, the amendments, and other historical documents, students develop knowledge understanding the application of the core democratic values given in these documents.

AP United States History [Full Year/1 Credit]

Prerequisites: At least Sophomore status, Honors World History or teacher recommendation.

This is a college-level survey course in U.S. history where students learn to use historical facts and evidence to achieve deeper conceptual understandings of major developments in U.S. history. Higher level writing and critical thinking processes are incorporated in the course work. Students will need to master the kinds of thinking skills used by historians in their study of the past and become familiar with contemporary scholarly perspectives on major issues in U.S. history. Students must engage in a deep study of primary and secondary source evidence, analyze a wide array of historical facts and perspectives, and express historical arguments in writing.

Civics [One Semester/0.5 Credit]

Prerequisites: Junior Status

This required one-semester course is a scope on the foundations, structure, and responsibilities of the United States government. The three branches of government will be covered in-depth. An understanding of the rights and responsibilities of citizens and the election process will be included. Emphasis will be placed on motivating the students to become active in the democratic political process.

AP United States Government and Politics [One Semester/0.5 Credit]

Prerequisites: Junior status, AP US History or teacher recommendation.

This is a one semester course designed for students interested in a intensive study of American Government. Supplemental readings to the textbook are required. Emphasis will be placed on analytical writing and critical thinking to motivate students to become active in the democratic process. Students will engage in political debate and be challenged to form arguments on issues, assessing long-term ramifications for political decision making.



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Economics [One Semester/0.5 Credit] Required course

Prerequisites: Junior Status

This one-semester course is a study on American and global economic systems. The course covers basic economic concepts and a thorough examination of micro and macro-economic theories. Students will gain a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers within the economic system. It includes study of market factors and the role of government in influencing the economy.

Social Studies Electives

Law and Justice [One Semester/0.5 Credit]

Prerequisites: Junior/Senior Status

This one semester elective course is to explore topics of law that are particularly relevant to the lives of students. *Law and Justice* provides a foundation in law by introducing students to the basics of the legal system, ethics, criminal law and juvenile justice, torts, consumer and housing law, family law, and individual rights and liberties. Practical experiences, critical thinking, research, and student involvement are required.

Psychology [One Semester/0.5 Credit]

Prerequisites: Junior/Senior Status

This is a one-semester course designed to give students an understanding of psychology including theories of learning and personality development, abnormal psychology, research methods, and other aspects of human behavior.

Current Events [One Semester/0.5 Credit]

Prerequisites: Senior Status

This course is designed to be an upper level research and debate course focusing on issues pertinent to today. Topics include: bias in the media, influence of government and politics on society, global terrorism, connecting history to today, and analyzing sources of information. Students will have to stay current on world events, as well as be willing participants in debates and discussions centered on the most challenging issues facing society today.

World Political Institutions [One Semester/0.5 Credit]

Prerequisites: Junior/Senior Status

This one semester elective course will explore the governments and political institutions of various countries. Students will be introduced to a variety of types of governments and explore how these countries interact with one another on the world stage. An in-depth study of the United Nations, International Criminal Court, and other international organizations will occur. Students will participate in various simulations including Model UN.





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Theology

Theology 9: Intro to the Faith & Jesus Christ [Full Year/1 Credit]

Prerequisites: Freshmen status

This yearlong course focuses on the reality of God's revelation of Himself and His plan of salvation as expressed through nature, Sacred Scripture and the Catholic Church's Tradition. Emphasis is placed upon the necessary relationship between faith, revelation, and reason, and arguments for the existence of God and of objective truth are considered. This course includes a study of the Catholic understanding of the proper interpretation of Sacred Scripture, a study of salvation history in the Old Testament. Christ's teachings and the Paschal Mystery revealed in the New Testament as well as the central mystery of the Catholic faith, the Most Holy Trinity.

Theology 10: Church History [Full Year/1 Credit]

Prerequisites: Sophomore status (1st semester course)

This two-semester course presents the major events of the 2000-year history of the Church so that students may better appreciate and defend the role of the Church throughout history and continuing in the modern world. Students will begin their study of Church history by reading *Acts of the Apostles* and additional New Testament books in order to better understand the early Church and her sacred nature. The course continues with a study of the main events of Church history. Special emphasis is given to controversial moments including the Crusades, the Inquisition and the Galileo affair. Students will study notable saints whose lives have left a lasting imprint on the Church and who reveal the fruitfulness that comes through a life lived for love of God. In addition, students will be taught more about the life of prayer including the practice of *Lectio Divina*.

Theology 11: Moral Theology [Full Year/1 Credit]

Prerequisites: Junior status

Moral Theology is taught from the perspective of Pope St. John Paul II's Theology of the Body. Students explore the meaning of being created male and female, designed for relationships with one another and God himself. While exploring current day moral questions, students are presented with the impact virtue and vice can make. They examine ethical and theological principles in order to form individual moral judgments, act uprightly before God and neighbor, and live in the peace of the Holy Spirit. The main texts are Christian Morality by St. Mary's Press and student workbook You: Life, Love, and the Theology of the Body by Ascension Press.

The Four Big Ideas that have guided the development of this course are:

Big Idea 1: The human family was created male and female and consecrated by God for a noble purpose: to be loved and to love in return, experiencing happiness in relationship. "This is my commandment, that you love one another as I have loved you." (John 15:12)
Big Idea 2: Original sin has wounded our nature in such a way that we experience an inner battle, "For I do not do the good I want, but I do the evil I do not want." (Rom 7:19) We need grace in order to admire and seek what is our true good. This transformation is possible and is the path towards interior freedom.

Big Idea 3: Since the human person is not merely biological, each individual seeks for meaning and a cause worthy of dedicating one's life to. "Perhaps you were born for such a time as this." (Esther 4:14) However, if this cause surpasses God, it can lead towards elevating certain created goods to the level of sacred. We find in society today a battle of the sacred.

Big Idea 4: A faith-filled virtuous woman will be well-equipped to thrive in college! "She is clothed with strength and dignity and laughs without fear of the future." (Proverbs 31:25)



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Introduction to Philosophy [Full Year/1 Credit]

Prerequisites: Junior/senior status; This is required course.

This two-semester course is designed to promote confidence in reason as we answer the important questions that all philosophers ask: Who is the human person? What can we know? Does truth exist? What is the meaning of life? The class begins with a study of the classical philosophers: Socrates, Plato and Aristotle. Students then apply this knowledge as we consider what it means to be a human person: one with the potential to know truth, freedom, happiness and the life of virtue. The thought of St. Thomas Aquinas, St. Augustine and Pope St. John Paul II will be presented and studied as appropriate throughout the course. The course culminates in an application of philosophical principles as we study Fides et Ratio, Pope St. John Paul II's encyclical letter on the necessary relationship between faith and reason and on the human person's ability to know and serve ultimate truth.

Theology 12

Seniors must select two of the three theology courses.

Sacred Scripture [One Semester/0.5 credit]

Prerequisites: Senior status

The purpose of this elective course is to provide an opportunity to meet God through study of Sacred Scripture in order to gain confidence in God's infinite love for each of us. This class will focus on the difficult questions all of us ask: Why does a good God allow suffering? Can I know Jesus Christ is the true God? What is the meaning of life? Does it matter if I practice my Catholic faith as an adult? Attention will be focused on a study of typology and of specific books of the bible including *The Book of Job*, *The Gospel of John*, *St. Paul's Letter to the Hebrews*, and *The Book of Romans* in order to answer these (and additional) questions.

Prayer and Discernment [One Semester/0.5 credit]

Prerequisites: Senior status

Our relationship with the Lord is often a mix of desire and fear. Wanting to know him more, wanting to please him, and yet, fearing what he will ask of us. How to discern God's Will in my life begins with experiencing God's love for me. This course explores different styles of prayer as ways to grow in relationship with the Lord and then studies different tools of discernment, in order to discover God's Will in your personal life

Church History [One Semester/0.5 credit]

Prerequisites: Senior status

This one semester course is only open to seniors looking to be immersed in the history of the Church who have not yet earned a credit in Church history due to the re-alignment of courses. The course covers the main events of Church history with special emphasis given to controversial moments including the Crusades, the Inquisition and the Galileo affair. Students will study notable saints whose lives have left a lasting imprint on the Church and who reveal the fruitfulness that comes through a life lived for love of God. In addition, students will be taught more about the life of prayer.