



Curriculum Guide 2022-2023

Saint Ursula Academy High School
1339 East McMillan Street
Cincinnati, Ohio 45206
(513) 961-3410
(513) 961-3856 [Fax]
www.saintursula.org

Chartered by the State of Ohio as a college preparatory high school

Member:

National Catholic Education Association
AdvancED
College Entrance Examination Board
Ohio Catholic School Accrediting Association
North American Ursuline Educational Services
National Coalition of Girls' Schools

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ACADEMIC POLICIES

Saint Ursula Academy is a college-preparatory school that offers an intensive four-year program in the fields of religion, English, social studies, mathematics, science, French, Spanish, Latin, as well as art, design, music, and theatre. All courses are college-preparatory, some subjects offer an honors level, and there are many Advanced Placement courses. The Assistant Principal for Academics and guidance counselors plan the program of each freshman by considering her elementary school achievement and her performance on the entrance examination. Each year the individual student's program is reviewed, evaluated, and directed according to her abilities and interests. A student is encouraged to select a program that includes subjects taught at different levels of difficulty. Certain upper-level courses, however, demand that the student has attained a particular average in the lower-level courses of the same field, or approval of the department.

GRADUATION REQUIREMENTS

Students prepare for a baccalaureate program in order to receive a college-preparatory diploma upon completion of a minimum of 24.00 units of credit including the following:

| | |
|---------------------------|---|
| Religion | 4 |
| English | 4 |
| Mathematics | 4 |
| Science (3 units) | 3 |
| Foreign Language | 3 |
| Social Studies | 3 |
| Health/Physical Education | 1 |
| Fine Arts | 1 |
| Elective Courses | 1 |

Additional units of credit may be taken in English, mathematics, technology, science, world languages, the fine arts, social studies, and other electives. Required mathematics courses are Algebra 1, Algebra 2, and Geometry. Required science courses are Biology, Chemistry, and one other laboratory science. A student must take three years of the same foreign language. Required social studies courses are World History, U.S. History, American Government, and Economics. Religion is required each year. One 1-term Health course and two 1-term PE courses are required.

ADVANCED PLACEMENT (AP) COURSES

Students must be recommended by the appropriate teacher/department to enroll in an Advanced Placement course. Students who elect to take AP courses in junior and/or senior year will be billed an additional amount for the exam. The College Board determines the fee for the exam. Students who are enrolled in AP courses are required to take the AP exam for that course.

COLLEGE CREDIT PLUS (CCP) COURSES

College Credit Plus (CCP) is a program started by the Ohio Department of Education to allow Ohio high school students the ability to take college courses for both high school and college credit. The purpose of this program is to promote rigorous academic pursuits and to provide a variety of options to college-ready students. At this time, Saint Ursula Academy has established a partnership with the University of Cincinnati.

Students must follow the application instructions given by the Ohio Department of Education. The student must apply to the college and be accepted. Once accepted, a student must file the Non-Public Student Funding Application by June 1. Students are not guaranteed to receive funding from the State of Ohio. Families will not be informed of funding until June.

EDUCATIONAL SERVICES PROGRAM for Students with Learning Disabilities and AD/HD

Saint Ursula Academy offers a program for college-bound, highly motivated young women with dyslexia and other learning disabilities. Students in the Educational Services Program are mainstreamed into the regular college-preparatory curriculum. However, program participants benefit from a number of special modifications and services that demonstrate Saint Ursula's commitment to providing a successful college preparatory experience for learning disabled students. The special modifications and services include tutoring, course-work support, diagnostic testing, textbooks on CDs, Kurzweil reader, AP tests administered orally, PSAT, SAT and ACT available on cassette tapes or DVDs, extended examination and testing periods, oral examinations and tests read by tutor, and the use of a tape or digital recorder to record class notes. Students enrolled in the Educational Services Program will be billed additional fees for participation in the program.

GRADING

Any system of grading is at best a relative measure of a student's progress in a particular area of study. It is important that both students and their parents understand this relativity so that they neither weigh the grades too heavily nor ignore them altogether. It is also important that they understand the alpha system of grading used at Saint Ursula Academy. Honors and AP courses at Saint Ursula Academy are weighed at a higher point value than the college-preparatory

courses. Additionally, 1/2-credit and 1/4-credit courses are weighted appropriately in computing a grade point average. The following system is used (the numeric equivalents are given for comparison purposes):

| Grade Value | Numeric Equivalent | College Prep | Honors | Advanced Placement |
|-------------|--------------------|--------------|--------|--------------------|
| A+ | 97-100 | 4.33 | 4.83 | 5.33 |
| A | 93-96 | 4.00 | 4.50 | 5.00 |
| A- | 90-92 | 3.67 | 4.17 | 4.67 |
| B+ | 87-89 | 3.34 | 3.84 | 4.34 |
| B | 83-86 | 3.00 | 3.50 | 4.00 |
| B- | 80-82 | 2.67 | 3.17 | 3.67 |
| C+ | 77-79 | 2.34 | 2.84 | 3.34 |
| C | 73-76 | 2.00 | 2.50 | 3.00 |
| C- | 70-72 | 1.67 | 2.17 | 2.67 |
| D+ | 68-69 | 1.34 | 1.84 | 2.34 |
| D | 65-67 | 1.00 | 1.50 | 2.00 |
| F | 0-64 | 0.00 | 0.00 | 0.00 |

GRADE POINT AVERAGE

Grades from all courses are weighted and averaged for the GPA and the honor roll. The GPA takes into account the amount of credit a course receives as well as any honors or AP weighting. The exam grade is included in the term grade for each course. Summer school courses (enrichment or remedial) or any make-up courses are not included in the GPA. A failing grade in a course is counted in the GPA. Credit is awarded for a successful make-up course, but make-up work is not counted in the GPA. Any grade earned in an approved Saint Ursula Academy Flex Credit is included in the GPA.

CLASS RANK

Saint Ursula Academy does not report class rank because of our selective population. Class rank is useful in comprehensive high schools in which the entire range of abilities is present. Such is not the case in schools like Saint Ursula who only accept students in the college preparatory curriculum.

SCHEDULING

Each year the individual student has the opportunity to review and evaluate her academic program with her teachers and counselor. The student prepares her list of requests for the following school year and submits it in writing to her counselor. The Assistant Principal for Academics confers with the head of each department (as needed) to confirm placement of students. Counselors are consulted as changes are planned. Certain upper-level courses require that the student has attained a particular average in the lower-level courses of the same field. In order to schedule an honors course, the student must have permission from the required teacher/department and her counselor. She must have permission from the Assistant Principal for Academics to schedule more than three honors courses. The Assistant Principal for Academics oversees the student scheduling process and gives the final approval to all schedules.

SCHEDULE CHANGES

- Students need to take course selection seriously and understand that curriculum and staffing decisions are based on student course selection. Schedule changes can only be made at **assigned times** and for serious reasons.
- Students who will be applying to college in the fall should consider what courses will be needed to gain admission to a college **before** completing their course request sheet.
- After course requests are submitted in the spring, **schedules will only be changed upon the approval of the Assistant Principal for Academics and counselor.** Naturally, all changes are contingent on course availability and class size. A fee of \$50 is charged for a schedule change.
- If a student is approved and scheduled for a course, she will be expected to complete the course.
- After the first two days of the term, students may only drop classes with the permission of the Assistant Principal for Academics. Parents and counselors must sign off on the change. Students who drop courses after the first week will receive a grade of **W** with the final grade for the class at the withdrawal date.

COURSE OFFERINGS 2022-2023

Art & Design

Art & Design Foundations
Art 2
Art 3
Advanced Drawing
Design 2
Design 3
Design 4 Portfolio Class
AP Studio Art *
AP Art History*
Architecture
Introduction to Photography
Introduction to Ceramics
Advanced Ceramics

English

Literary Genres
Honors Literary Genres
British Literature
Honors British Literature
American Literature
Honors American Literature
World Literature
AP English Literature & Composition*
Contemporary Literature
Creative Writing
Creative Writing (10)
Literary Monsters
Shakespeare: Text and Theatre
Women in Literature

Health & Physical Education

Health
Contemporary Issues in
Women's Health
Physical Education
Team Sports
Lifetime Sports
Personal Fitness

Mathematics

Advanced Algebra 1
Advanced Algebra 1 Honors
Geometry
Honors Geometry
Algebra 2
Honors Algebra 2
Algebra 3/Trigonometry
Pre-Calculus
Honors Pre-Calculus
AP Probability & Statistics
Honors Intro to Calculus
AP Calculus AB*
AP Calculus BC*
Accounting

Music

Freshman Chorus

Concert Choir
Vocal Ensemble
Beginning Guitar
Intermediate Guitar
Advanced Guitar
Guitar Ensemble
Orchestra
Listening to Music
Music Theory and Composition
Beginning Piano
Intermediate Piano
Advanced Piano

Religion

Old and New Testament
Church/ Faith & Sacraments
Morality
Social Justice
Christian Lifestyles
Prayer
World Religions
Healing and Hope
Art and Soul

Science

Physical Science
Honors Physical Science
Biology
Honors Biology
Chemistry
Honors Chemistry
Physics
Honors Physics
AP Biology*
AP Chemistry*
AP Physics C*
AP Environmental Science*
Anatomy & Physiology
Engineering Foundations
Robotics
Forensics
Vertebrate Zoology^
Invertebrate Zoology^
Biotechnology Honors
The Science of Stuff: Materials
Science and Engineering

Social Studies

AP Human Geography
World History
Honors World History
United States History
AP United States History*
American Government
AP United States Government*
AP European History*^
AP Psychology*
Psychology
Economics
AP Macroeconomics*^
Bad Girls and Unruly Women

History of the Holocaust
Cincinnati History

Technology and Other Electives

Computer Applications
Game Design
AP Computer Science Principles*
Freshman Seminar
Bulldog Teacher Leader Academy
Practical Latin: Critical Thinking for
Testing Success

Theater

Freshman Acting
Fundamentals of Acting
Scene Study
Directing Lab^
Styles of Acting
Principles of Technical Theatre
Music Theatre Workshop^

World Languages

French 1
French 2
French 3
French Writing and Conversation
Honors French 4
AP French Language and Culture*
Honors Senior French Seminar
Latin 1
Latin 2
Latin 3
Honors Latin 4
AP Latin*
Practical Latin: Critical Thinking for
Testing Success
Spanish 1
Spanish 2
Spanish 3
Spanish Writing and Conversation
Honors Spanish 4
AP Spanish Language and Culture*
Honors Senior Spanish Seminar

Other

Freshman Seminar

Educational Services Program

Academic Tutoring

Refer to the Curriculum Guide for the number of terms and prerequisites.

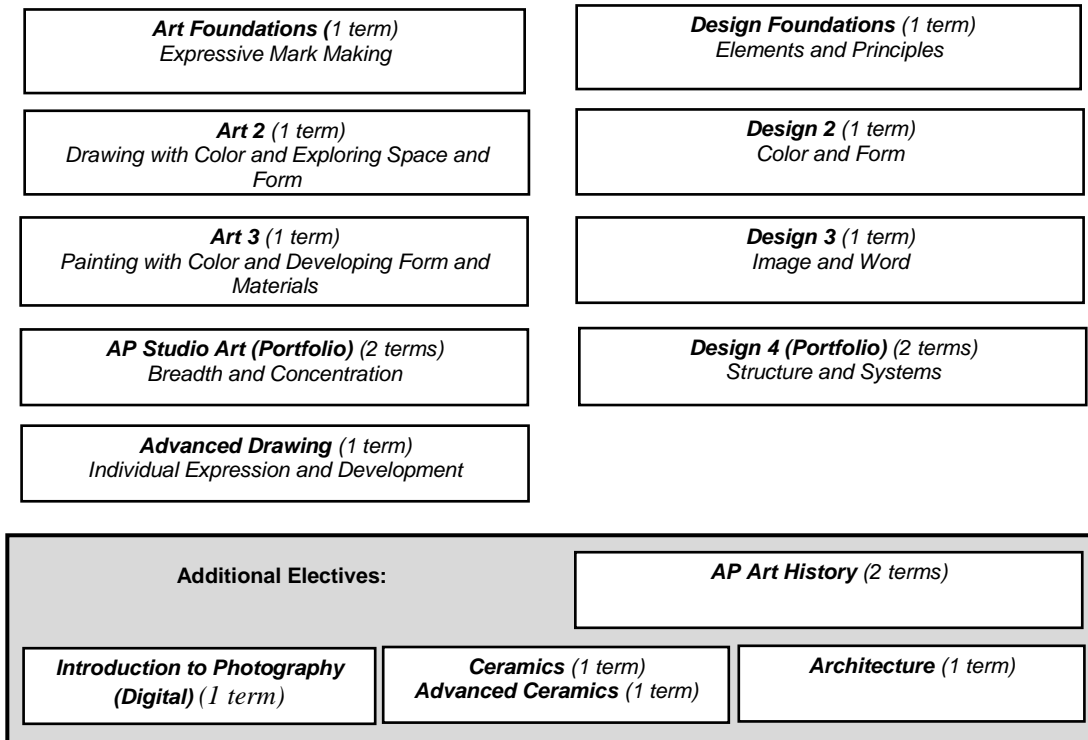
* Denotes Advanced Placement course.

◇ Denotes interdisciplinary course.

^ Denotes courses offered every other year

+ Denotes College Credit Plus classes

ART AND DESIGN



ART FOUNDATIONS: *Expressive Mark Making* (1 term, ½ credit, elective)

Students must also register for Design Foundations

You can learn to draw! Explore old and new drawing media like graphite, charcoal, markers, pastel and your very own computer. Have fun with expressive mark-making, learning to draw from observation, and exploring the magic of drawing with color. In this fast-paced class, you will learn the foundational skills necessary to continue in any of SUA's Art and Design courses.

ART 2: *Drawing with Color and Exploring Space and Form* (Tenth, Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Art Foundations and Design Foundations

Sharpen your drawing skills and begin exploring sculpture! We will use color drawing media on projects designed to hone drawing skills from observation. Additionally, you will be introduced to sculpture with projects that express space and form. Draw portraits in pastel, sketch landscapes in brush-tipped markers, and energize space with wire and clay. Students interested in pursuing *AP Studio Art* must take this course, as they will begin to work on their AP portfolio requirements.

ART 3: *Painting with Color and Developing Form and Materials* (Tenth, Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Art Foundations and Design Foundations

Vincent Van Gogh said "I dream my painting and I paint my dream." Come and paint your dreams, as we explore the use of oils, acrylics, and watercolors. You may learn to boldly make your art "pop" or subtly suggest a "mood" with paint. Additionally, you will be 3-dimensionally expressive as we explore a variety of sculpture materials and approaches. Students interested in pursuing *AP Studio Art in Drawing* must take this course, as they will begin to work on their AP portfolio requirements.

AP STUDIO ART: *Breadth and Concentration* (Twelfth Grade, 2 terms, 1 credit, elective)

Prerequisite: Art Foundations and Design Foundations, an additional Art or Design course and permission of the instructor

In this course, students develop their AP Studio Art portfolio in Drawing, 2-D Design (Photography), or 3-D Design (Sculpture) to be submitted for evaluation in the national scoring. Perhaps you are interested in pursuing an area of Art or Design in college? Class and individual projects will be presented; students will pursue a personal thematic group of artworks. Students will be expected to complete an accomplished portfolio that exhibits both a wide scope of skill and a developed conceptual concentration. Sketchbook journaling and field trips to our city's fine art museums and cultural centers will be part of the course.

ADVANCED DRAWING: *Individual Expression and Development* (Eleventh or Twelfth Grade, Independent Study, 1 term, ½ credit, elective)

Prerequisite: Art Foundations and Design Foundations, Art 2

This 1-term studio course will operate as an independent study class. You can schedule this class for any bell that you may have open during your junior or senior year. You will design an individual plan to improve your drawing skills and range of visual expressiveness. Subject matter and media will remain open and be tailored to your individual needs and potential. This course may be especially valuable for the student who desires added opportunity to work on her college portfolio or special projects.

AP ART HISTORY: (Eleventh or Twelfth Grade, 2 terms, 1 credit, elective)

No course prerequisites (open to students without any previous Art or Design coursework)

Interested in history or art? Why not explore both in AP Art History? Students will gain an in-depth understanding of Art and Architecture's robust 30,000+ year history. In this study of history, we will examine the breadth of human visual artistic expression including paintings and drawings, prints, sculpture, architecture, and other media. While this course will mainly focus on art within the European tradition, we will also include examinations of art from the ancient Near East, Egypt, Islam, Africa (beyond Egypt), the Americas, Asia, and Oceania. Frequent visits to our city's notable art museums and rich cultural centers will be part of the class.

INTRODUCTION TO PHOTOGRAPHY: The Basics of Digital Photography (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

No course prerequisites (open to students with or without any previous Art or Design coursework)

Pose and shoot! Take a step along the road to becoming an expert photographer. This 1-term studio course will investigate the basics of digital photography. We will examine theme, composition, lighting, and subject matter. Students will learn digital photographic editing, as we pursue image making in both black and white and color modes. Students will be provided a classroom DSLR camera for photographing. Students interested in pursuing *AP Studio Art in 2-D Design (Photography)* must take this course, as they will begin to work on their AP portfolio requirements.

INTRODUCTION TO CERAMICS: (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

No course prerequisites (open to students with or without any previous Art or Design coursework)

Let's get muddy! This 1-term studio course will explore the tactile world of clay. Students will learn multiple hand-building techniques. Class projects will include 3-dimensional forms such as pinch pots, vases, bowls, reliefs, and small sculptures. Students will learn about the composition of clays and glazes, as they improve their technique. Everyone will be part of frequent kiln firings of ceramic artworks. We will all participate in the SUA's Empty Bowls event -- a community service learning initiative. Kiln-baked pizza will top off the course.

ADVANCED CERAMICS (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Introduction to Ceramics and permission of instructor

This 1-term studio elective course will build upon basic skill developed in the introductory course. Students will expand their skills and creativity by making vessels on the potter's wheel or practicing their hand-building techniques. Students will take a more active role in the frequent kiln firings of their ceramic artworks and help lead SUA's Empty Bowls event.

ARCHITECTURE: (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

No course prerequisites (open to students with or without any previous Art or Design coursework)

It's all about the built environment! This 1-term course will explore multiple aspects of architecture including architectural design, plan and elevation drawing, 2-point linear perspective drawing, and 3-dimensional modeling. The student's experience will be enhanced with architecture videos and frequent field trips to explore our city's architectural treasures.

DESIGN FOUNDATIONS (1 term, ½ credit, elective)

Students must also register for Art Foundations

Elements and Principles: This fundamental course teaches the elements and principles of design and color theory with exercises in form, aesthetics and concepts conceived to develop the students' optical sensitivity, formal perception, manual dexterity, visual language and understanding of the design process.

DESIGN 2 (Tenth, Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Art and Design Foundations

Color and Form: This course focuses on color and form. Color perception is universal among humans. Students will learn to analyze and apply this powerful visual tool to convey a mood, investigate its cultural attributes, and explore how designers use color to codify information. Students will continue the exploration of graphic form from Design Foundations, learning to recognize and interpret common shapes and symbols in their work as well as analyze signs and logos they encounter every day. Students discover how geometry, science, and nature influence design as they increase their visual literacy. Simple color and form exercises using the Adobe Suite on the Apple computer begin. Basic three-dimensional design studies are introduced.

DESIGN 3 (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Art and Design Foundations and Design 2

Image and Word: The conceptualization and exploration of the need to communicate as well as artistic expression in visual messaging is studied in innovative poster designs. Design Thinking is practiced. Students will explore and expand upon the basics of visual language; the history of modern poster making presentations inform the students of a wide variety of designers, media and techniques as well as the continuous relevance of this medium. Students will study letter form design and ligatures, the history of writing, the marriage of word and image, use creative typographic wordplay with photography and increase their visual literacy. Free-hand analytical drawn design is introduced. Photoshop and Illustrator studies on the Macintosh Apple computers continue. Three-dimensional design studies are investigated more deeply.

DESIGN 4 PORTFOLIO CLASS (Twelfth Grade, 2 terms, 1 credit, elective)

Prerequisite: Art and Design Foundations, Design 2 and Design 3

Structure and Systems: This advanced class readies the student to study design as their major in college, whether in architecture, interior, fashion, industrial, planning, digital design, urban planning or visual communication. Real-life projects will be explored with ideation and analysis as students work in teams and as individuals, give presentations, and oversee production. The focus is on systems in design: students learn about the graphic representation of a variety of diagrams in the form of a structure, situation, or process. They experience grids as a way to organize typographic information, visual composition, pictographic systems and more evolved design elements and principles such transparency, layers, modularity, time and motion. Students will continue to work with Adobe Illustrator, Photoshop and In-Design Suite. The History of Design, from prehistory to current trends will be presented. Complex free-hand analytical drawn design rendering is emphasized. Three dimensional design is applied to real life projects.

ENGLISH

The following chart shows the required core courses in English. Students take either the courses in the college-prep column OR the courses in the honors column, as approved by the Department.

| Grade Level | College Preparatory | Honors |
|-------------------|---------------------|-------------------------------------|
| Freshmen | Literary Genres | Honors Literary Genres |
| Sophomores | American Literature | Honors American Literature |
| Juniors | British Literature | Honors British Literature |
| Seniors | World Literature | AP English Literature & Composition |

Any student who chooses them during her junior or senior year may take elective courses. See descriptions below for full details.

COLLEGE PREPARATORY LITERARY GENRES (Ninth Grade, 2 terms, 1 credit, required)

This course is an introduction to the high-school English program. Content includes distinguishing and discussing literary genres, providing a sound basis for correct structure, grammar, and mechanics in analytical writing, and expanding vocabulary. The short story, the novel, poetry, and drama are the main topics of literature study and discussion. Formal essay writing is the main goal of composition instruction, yet students have opportunities for creative writing skills as well. Research skills are introduced. Students present to the class individually and in groups.

COLLEGE PREPARATORY AMERICAN LITERATURE (Tenth Grade, 2 terms, 1 credit, required)

The focus in this course is to familiarize students with representative American authors from the pre-colonial times to the present. Students will be called upon to utilize their knowledge of literary devices and literary genres in the framework of a chronological study of literature. Students will continue to read and discuss literature analytically, to develop critical and expository writing, to expand knowledge of vocabulary, and to practice with standardized test passages. Research skills are further developed. Students present to the class individually and in groups.

COLLEGE PREPARATORY BRITISH LITERATURE (Eleventh grade, 2 terms, 1 credit, required)

The focus in this course is to familiarize students with representative works of British authors from all major periods of British Literature from the Anglo-Saxon times to the twentieth century. Students will be called upon to utilize their knowledge of literary devices and literary genres in the framework of a chronological study of literature. Students will continue to read and discuss literature analytically, to develop critical and expository writing, to expand knowledge of vocabulary, and to practice with standardized test passages. Research skills are further developed. Students present to the class individually and in groups.

COLLEGE PREPARATORY WORLD LITERATURE (Twelfth Grade, 2 terms, 1 credit, required)

The diverse literature that students read in this course provides an opportunity to explore the richness of other cultures and times. Students will read, discuss, and respond to a variety of literary genres, techniques, and themes from around the globe. Students will build upon previously mastered skills as they write formal literary essays and complete a research paper, and read and discuss critically and thoughtfully. Students continue to expand knowledge of vocabulary and to practice with standardized test passages. Students present to the class individually and in groups.

HONORS LITERARY GENRES (Ninth Grade, 2 terms, 1 credit, required)

Prerequisite: Recommendation of the English Department based on test scores

This course is an introduction to the school's English Honors program. Content includes distinguishing the literary genres of short story, poetry, novel, and drama, as well as writing formal essays that are

structurally and stylistically sound. Skills required to write a research paper are introduced. In this course, students are required to read and discuss critically and thoughtfully, to develop vocabulary and critical thinking skills, to experiment with techniques and various kinds of writing, to participate in self-editing and peer response and to practice with standardized test passages. Students present to the class individually and in groups.

HONORS AMERICAN LITERATURE (Tenth Grade, 2 terms, 1 credit, required)

Prerequisite: Recommendation of the English Department

This course is a chronological survey of American literature with representative readings from colonial times to the present. Content also includes expanding vocabulary, strengthening standardized test taking skills, developing a critical and analytical reading of literature, and developing both breadth and depth in reading and discussion as background for the Advanced Placement course in English Literature and Composition. Skills in writing the expository essay and a research paper will be developed. Students present to the class individually and in groups.

HONORS BRITISH LITERATURE (Eleventh grade, 2 terms, 1 credit, required)

Prerequisite: Recommendation of the English Department

This course is a survey of British literature from Anglo-Saxon to modern times. Course content includes expanding vocabulary, practicing with standardized test passages, developing critical and analytical reading and discussion skills, and developing both breadth and depth in reading as background for the Advanced Placement course in English Literature and Composition. Students further develop skills in writing the expository essay and the research paper. Students present to the class individually and in groups.

AP ENGLISH LITERATURE & COMPOSITION (Twelfth Grade, 2 terms, 1 credit, fulfills senior year graduation requirement)

Prerequisite: Recommendation of the English Department

This course focuses on the development of the skills in critical reading and writing necessary to prepare students for the Advanced Placement Examination in English Literature and Composition given by the College Board in mid-May. Students are required to experiment with techniques, topics, skills, and kinds of writing and discussion, and to participate in self-editing and peer response. The course incorporates the use of a college level literary anthology and requires a considerable amount of outside reading. Students will present to the class individually and in groups.

CONTEMPORARY LITERATURE: TODAY'S BEST SELLERS! (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

The purpose of this class is to read and discuss selected fiction by contemporary authors; to sharpen thinking, reading, and writing skills; to develop criteria for judging contemporary literature; to discover various periodical sources of contemporary literature; to view and critique film adaptations of contemporary literature. This is a course for students who love to read, but may not have the time to do so for pleasure during the busy school year. Consider this class a book club, built into your school day!

CREATIVE WRITING SOPHOMORE: PROSE AND POETRY (Tenth Grade, 1 term, ½ credit, elective)

Prerequisite: Report card average in Literary Genres 80% or higher

The purpose of this class is to familiarize students gifted in the craft of writing with the foundational guidelines for good prosaic and/or poetic writing, followed by practice incorporating those guidelines in their original works. Students receive clear, pointed guidance and evaluation from the instructor. There is also introduction to and heavy emphasis on peer review and editing. Students will read selections of classical and contemporary literature, both fiction and nonfiction, in order to recognize the components of style that characterize good writing. The course culminates in a portfolio which demonstrates improvement upon revision.

CREATIVE WRITING JUNIOR/SENIOR: (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Prerequisite: Report card average in previous English classes 80% or higher

The purpose of this class is to enable students gifted in the craft of writing to produce original works of prose and/or poetry with clear, pointed guidance and evaluation from instructor and peers. Students will read selections of nonfiction texts about the process of writing creatively in order to analyze the components of style that characterize good writing. The course culminates in a portfolio which demonstrates improvement upon revision.

LITERARY MONSTERS (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Monster - a character wherein normality ends and the alien begins. In this course, students will examine texts wherein the traditional “monster” moves from being The Other to being The Protagonist. Cultural and psychological boundaries are tested through these monstrous characters who symbolically signify the part of the self that is less than human (the part that is repressed, denied, hidden). Texts studied will both subvert the traditional notion of monster while also celebrate monstrosity. At what point does human/not-human begin?

SHAKESPEARE: TEXT & THEATRE (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

Students conduct a close, textual analysis of one or two plays per term often connected to the Cincinnati Shakespeare Company's season. The class identifies the major interpretive problems of each play and proposes theatrical solutions to the problems. To accomplish this, students will be instructed to read the play not only for information and theme, or as 16th century poetry, but also as signals for actors, directors, and designers. Students will theatrically re-imagine the plays and present their own solutions by writing, designing, and acting.

WOMEN IN LITERATURE: READERS, WRITERS, CHARACTERS, & CRITICS (Eleventh or Twelfth Grade, 1 term, ½ credit, elective)

This course is a multi-genre exploration of the contributions of women to the literary world. Students will examine a number of classic and contemporary texts while exploring a variety of women's issues prompted by those texts. Topics covered might include the presence/absence of mothers and daughters in literature; the sexuality of women in literature; cultural differences in the portrayal of women; sexism in language; feminist literary criticism; historic and contemporary obstacles for the woman writer.

HEALTH / PHYSICAL EDUCATION

Health is offered during the freshman year, but students may take it any year. Students need to take two terms of Physical Education to meet the graduation requirement.

HEALTH (All grade levels, 1 term, ½ credit, required)

Health class guides students to explore a variety of resources to make informed decisions regarding personal health. Units include, but not limited to, mental and emotional health, family life and healthy relationships, tobacco, alcohol, and other drugs, nutrition and eating disorders, stress management, first aid, CPR and AED training. Guest speakers explain real-world experiences in a variety of health fields giving students an opportunity to ask important questions. Learning to analyze personal health needs and risks will help each student develop strategies for positive lifetime health habits.

CONTEMPORARY ISSUES IN WOMEN'S HEALTH (Eleventh or Twelfth grade, 1 term, ½ credit, elective. This course DOES NOT satisfy the Health requirement for graduation)

Prerequisite: *Health*

Contemporary Issues in Women's Health extends opportunities for students to further explore health topics learned from Health class. Students will research and discuss current news stories that pertain to women's health, participate in magnified giving around a health topic, view documentaries, and hear from guest speakers about life experiences. For their final exam, students will choose a Health topic to research and help bring awareness to the cause.

PHYSICAL EDUCATION I (1 term, ¼ credit, fulfills half of PE requirement)

Physical Education 1 is designed for freshmen students and will satisfy half of the PE graduation requirement. This class focuses on both team and lifetime sports as well as personal fitness. A fee is required as students will take field trips throughout the term.

PHYSICAL EDUCATION: TEAM SPORTS (1 term, ¼ credit, fulfills half of PE requirement)

Team Sports is a class to learn rules, skills, and strategies of competitive sports that are played at the high school level. The class focuses on volleyball, basketball, flag football, soccer, hockey and softball and a variety of other sports. Cardio activities and strength training will be a component of this course. A fee is required as students will take field trips throughout the term.

PHYSICAL EDUCATION: LIFETIME SPORTS (1 term, ¼ credit, fulfills half of PE requirement)

Lifetime Sports is a class to learn rules, skills and strategies of individual sports. The class focuses on tennis, golf, bowling, badminton, pickle ball and a variety of other sports. Cardiovascular activities and strength training will be additional components of this course. A fee is required as students will take field trips throughout the term.

PHYSICAL EDUCATION: PERSONAL FITNESS (1 term, ¼ credit, fulfills half of PE requirement)

Personal Fitness is open to any sophomore, junior, or senior. The class will focus on learning the benefits of regular participation in physical activity to help each student achieve lifetime fitness. A pre and post-test assessment is given so individual fitness goals can be measured and evaluated throughout the term. Activities include, but not limited to, flexibility and core exercises, circuit training, strength training, and cardiovascular fitness. Students will run up to four miles by the end of the term. A fee is required as students will take field trips to various fitness studios.

MATHEMATICS DEPARTMENT

The following table shows possible class sequencing for a student in mathematics. Four credits of high school level math are required for graduation, 3 of which must include Algebra 1, Algebra 2, and Geometry.

| Year | College Prep | | | Honors | | |
|------------------|--------------------------|--------------------|---|--|--|--|
| | Option 1 | Option 2 | Option 3 | Option 1 | Option 2 | Option 3 |
| Freshman | Advanced Algebra 1 | Advanced Algebra 1 | Advanced Algebra 1 | Advanced Algebra 1 Honors | Advanced Algebra 1 Honors | Geometry Honors |
| Sophomore | Geometry | Geometry | Geometry | Geometry Honors | Geometry Honors | Algebra 2 Honors |
| Junior | Algebra 2 | Algebra 2 | Algebra 2 | Algebra 2 Honors | Algebra 2 Honors and Pre-Calculus Honors | Pre-Calculus Honors |
| Senior | Algebra 3-- Trigonometry | Pre-Calculus | Pre-Calculus with option of Honors Intro to Calculus (see prerequisites) or AP Probability and Statistics | Pre-Calculus Honors With option of AP Probability and Statistics or Honors Intro to Calculus | Calculus AP or Honors Intro to Calculus or AP Probability and Statistics | Calculus AP or Honors Intro to Calculus Or AP Probability and Statistics |

ADVANCED ALGEBRA 1 (4 terms, 1 credit, required)

The goal of Advanced Algebra 1 is to continue to develop and extend problem-solving techniques, to recognize different situations and to apply appropriate methods to problem solving that are introduced in middle school and junior high school Algebra curriculum. Grouping, distribution, factoring, exponential laws, and radical properties are applied to simple and complex equations and inequalities, including exponential and quadratic equations. Graphing in terms of x and y in the Cartesian plane is developed for linear, quadratic, and exponential functions. Throughout the course, the material is integrated into problem solving situations. *A graphing calculator is required.*

ADVANCED ALGEBRA 1 HONORS (4 terms, 1 credit, required)

This course is designed for those students with a high aptitude in math and a strong background in the Algebra concepts introduced in middle school and junior high school Algebra curriculum. The focus is on deeper understanding of algebraic theory and its application to problems. The pace is deliberately quicker than the college-prep class. In addition to the topics taught in Advanced Algebra I, students will be expected to use real number properties and axioms in rigorous proofs of various properties, use quadratic equations to find maximum and minimum values, solve linear systems of equations and understand exponential functions. Real world applications and problem solving are stressed throughout the course. *A graphing calculator is required.*

GEOMETRY (2 terms, 1 credit, required)

Prerequisite: Algebra I

This college-prep course includes the topics of classical geometry: relationships in triangles, right triangles (including trigonometry), classification of polygons, congruence and similarity of polygons, angles associated with circles, symmetry, constructions with compass and straightedge or software, rotations, translations, reflections, dilations, areas of plane figures, and volumes of solid figures. The material will be used to solve a variety of problems, including algebraic. The emphasis will be on developing an axiomatic system of mathematics in order to further develop the student's logical thinking skills. To this end, proofs of theorems will be an important component of this class. Students will use a variety of software. *A calculator with trigonometric functions is required.*

GEOMETRY HONORS (2 terms, 1 credit, required)

Prerequisite: Algebra I and teacher recommendation

This course will include all of the topics covered in College Prep Geometry but will move at a more rapid pace. The student will also be expected to complete more difficult problems and proofs. A variety of software will be used in order for students to make inductive discoveries in geometry. *A calculator with trigonometric functions is required.*

ALGEBRA 2 (2 terms, 1 credit, required)

Prerequisite: Geometry

This course reviews and extends the concepts of Algebra 1. Linear and quadratic functions are re-emphasized, and polynomial, rational, and radical functions are introduced. Other topics include complex numbers, trigonometry, exponents, and logarithms. A greater emphasis is placed on interpreting the relationship between an equation and its graph. *A graphing calculator is required.*

ALGEBRA 2 HONORS (2 terms, 1 credit, required)

Prerequisite: Geometry and teacher recommendation

This course continues the advanced preparation of students with high math aptitude and interest. It reviews and extends the concepts of Algebra 1 Honors. The focus is on a deeper understanding of functions and their applications, but will also stress the relationship of equation to graph. Successful students should not only have aptitude but interest and commitment. Emphasis will be placed on application problems involving previously studied functions. In addition, behavior and applications of exponential, logarithmic, polynomial, and rational functions will be developed. *A graphing calculator is required.*

ALGEBRA 3/TRIGONOMETRY (Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Algebra 2

This class is for seniors who wish to continue in their mathematics education but do not wish to take Pre-calculus. The course will continue to develop the algebra skills necessary for college, concentrating on linear equations, linear functions, polynomial functions, rational functions, exponential functions, logarithmic functions and applications of these. The course will continue with a study of trigonometric functions and their applications. Students who take this course are not eligible to take Pre-calculus later.

PRE-CALCULUS (2 terms, 1 credit, elective)

Prerequisite: Algebra 2

This college-prep course prepares the student for a transition to college-level mathematics courses. The course will cover two main topics—Analytic Geometry & Trigonometry. In the analytic geometry portion, the students will learn about the characteristics of the graphs of several basic function types including polynomial, rational, exponential, and logarithmic. The student will also learn about the applications of these functions. In the trigonometry portion, the student will learn about the six trig functions, including characteristics of the graph of these functions, right triangle definitions, unit circle definitions, and applications of both right and non-right triangles. *A graphing calculator is required.*

PRE-CALCULUS HONORS (2 terms, 1 credit, elective)

Prerequisite: Algebra 2 and teacher recommendation

This is a very demanding course both in content and amount of work involved. Students who successfully complete this course will be able to rise to the demands of the Advanced Placement Calculus class. This course will take all of the concepts in the college prep Pre-Calculus class and examine them in more detail. Special emphasis will be given to the trigonometric functions, their inverses, and applications of these. In addition, students will be expected to apply functions to actual situations through the use of written projects. Additional topics include polar coordinates and regression analysis. *A graphing calculator is required.*

HONORS INTRODUCTION TO CALCULUS (Twelfth Grade, 2 terms, 1 Honors credit, elective)

Prerequisite: Honors Pre-calculus and teacher recommendation or CP Pre-calculus with an A average and teacher recommendation.

This course is intended to provide an introduction to the concepts of Calculus that would be found in a college course. The student will learn the various techniques of differentiation and applications of the derivative. In addition, some of the techniques of integration will be explored, along with applications to area and volume of non-regular figures. This course will provide a background in calculus so that students will have some exposure to the basic ideas before they take a college level course. *A graphing calculator is required.*

AP PROBABILITY AND STATISTICS (Eleventh or Twelfth Grade, 2 term, 1 credit, elective)

Prerequisite: Honors Pre-calculus and teacher recommendation or CP Pre-calculus with an A average and teacher recommendation.

This course is offered as an alternative to AP Calculus or in addition to it. Students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will also be exposed to exploring data, planning a study, anticipating patterns, and statistical inference. Time will be spent studying the theory and analysis of statistical results in order to prepare for the Advanced Placement Exam. This course follows the curriculum and requirements established by the College Board for Advanced Placement courses.

CALCULUS AB - ADVANCED PLACEMENT (Twelfth grade, 3 terms, 1.5 credits, elective)

Prerequisite: Pre-calculus Honors and teacher recommendation

This course is designed for those students who have completed the honors program and have demonstrated aptitude, interest, and commitment. The course follows the AP Calculus AB syllabus, as published and revised by the College Board. Differential calculus is introduced with the concept of the

instantaneous rate of change of functions. It is used to define the derivative. Derivative rules are developed for various functions and compositions of functions. The concepts of differentiability and continuity are developed. Wide ranges of applications of the derivative are explored. Integral calculus seeks to reverse the differentiation process. Integration techniques are developed and applied to the definite integral to find areas, volumes, and average values. All students will take the AP Calculus Exam in May. Passing scores are 3, 4, or 5. Most universities accept these results as a completed course. A *graphing calculator is required.*

CALCULUS BC - ADVANCED PLACEMENT (Twelfth grade, 1 term, 1/2 credit, elective)

Prerequisite: *Successful completion of Calculus AB*

This term course may be taken after Calculus AB and will continue with topics in calculus that will be tested on the AP Calculus BC Exam. These include: additional techniques of integration, arc length, surface area, parametric, polar, and vector functions, improper integrals, solving logistic differential equations, and polynomial approximations and series. At the conclusion of this course, all students will take the AP Calculus BC Exam in May. (A qualifying score on the AP Calculus BC Exam may give the student additional credit in calculus at her chosen university.) *A graphing calculator is required.*

ACCOUNTING (Eleventh or Twelfth grade, 1 term, ½ credit, general elective—this course cannot be used to satisfy the math graduation requirement.)

This course is an introduction to the principles and methods of accounting. The course will emphasize the underlying, basic procedures used in setting up and operating a small business accounting system. Students will explore accounting concepts such as double-entry accounting, account classification, creation of a trial balance, creation of financial statements, reconciling cash, calculating depreciation and amortizing a loan. Other topics will include corporate funding, current events, and following the stock market. *Excel* spreadsheets will be used in a variety of applications.

MUSIC DEPARTMENT

Saint Ursula Academy offers a full four-year Music program. The chart below outlines the sequence of courses and the various options a student may choose.

| Year | Vocal Music | Instrumental Music | Music Theory & Composition Listening to Music |
|-----------|--|--|--|
| Freshman | <ul style="list-style-type: none"> • Freshman Chorus • SUAVE | <ul style="list-style-type: none"> • Orchestra • Beginning Guitar • Intermediate/ Advanced Guitar • Guitar Ensemble | |
| Sophomore | <ul style="list-style-type: none"> • Concert Choir • SUAVE | <ul style="list-style-type: none"> • Orchestra • Beginning Guitar • Intermediate/ Advanced Guitar • Guitar Ensemble • Beginning Piano • Intermediate Piano • Advanced Piano | <ul style="list-style-type: none"> • Listening to Music |
| Junior | <ul style="list-style-type: none"> • Concert Choir • SUAVE | <ul style="list-style-type: none"> • Orchestra • Beginning Guitar • Intermediate/ Advanced Guitar • Guitar Ensemble • Beginning Piano | <ul style="list-style-type: none"> • Listening to Music • Music Theory & Composition |

| | | | |
|--------|--|---|--|
| | | <ul style="list-style-type: none"> • Intermediate Piano • Advanced Piano | |
| Senior | <ul style="list-style-type: none"> • Concert Choir • SUAVE | <ul style="list-style-type: none"> • Orchestra • Beginning Guitar • Intermediate/Advanced Guitar • Guitar Ensemble • Beginning Piano • Intermediate Piano • Advanced Piano | <ul style="list-style-type: none"> • Listening to Music • Music Theory & Composition |

FRESHMAN CHORUS (Ninth grade, 4 terms, 1 credit, elective)

This class meets on a skinny bell for the entire year.

Freshman Chorus meets every day throughout the school year and performs for a variety of school events, including the Christmas and Spring Concerts. Vocalists will learn proper vocal and choral techniques, as well as how to sight-sing and read music while studying music of various styles such as pop, classic rock, musical theatre, folk, world, seasonal, sacred and classic. No experience is necessary and no audition is required.

ORCHESTRA “SUASO” (All grades, 4 terms, 1 credit, elective)

Prerequisite: Previous Experience on an Orchestral Instrument; Permission of the Director

This class meets on a skinny bell for the entire year.

This class meets on a skinny bell for the entire year. SUA Orchestra is available to students of every grade who play an instrument, including strings, woodwinds, brass, and percussion. The course focuses on developing good ensemble technique, and the study of music representing a wide variety of styles and genres. SUA Orchestra performs in the Christmas Concert and the Spring Concert, as well as other special SUA events.

CONCERT CHOIR (Tenth, Eleventh and Twelfth grade, 4 terms, 1 credit, elective)

This class meets on a skinny bell for the entire year.

This class meets all year and is for the singer who wishes to participate in performances throughout the school year, including the Christmas Concerts and Spring Concerts. More advanced literature in two, three, and four parts is studied through a variety of styles of music including classical, jazz, a cappella, and contemporary. Vocal and choral techniques are further developed in this course. No experience is necessary and no audition is required.

VOCAL ENSEMBLE, “SUAVE” (Ninth, Tenth, Eleventh and Twelfth grade, all year, 1 credit, elective)

Prerequisite: Audition, Membership in Music Department Ensemble (Freshman Chorus recommended for incoming students)

This class meets Monday through Thursday from 3:00—4:00 PM

The Saint Ursula Academy Vocal Ensemble (SUAVE) is a select ensemble of 9-12 vocalists. SUAVE performs a variety of music for the Christmas Concerts and Spring Concerts, and tours in the Tri-State area. The ensemble also participates in music festivals or competitions out-of-town each year. Students selected for membership in this award-winning group are expected to be serious choral singers with well-developed sight-singing and basic musicianship skills. They must be willing to devote numerous hours to rehearsing and performing. Private voice lessons are highly encouraged for students who are members of SUAVE.

BEGINNING GUITAR (Ninth, Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Freshmen who schedule Beginning Guitar will automatically be scheduled in Intermediate Guitar.

Beginning Guitar is a course that will introduce the basics of guitar playing to interested sophomores, juniors, and seniors. Students will learn how to read traditional music notation, as well as guitar tablature and chord symbols. Both pick-style and finger-style techniques will be used to play popular songs, folk songs, and classical music. Students will also learn to play in small ensembles, and will perform in a concert at the end of the term. Guitars are provided for students to use during class time; students will also need to have a guitar at home to practice with, preferably a 6-string (nylon or steel-string) acoustic guitar.

INTERMEDIATE/ADVANCED GUITAR (Ninth, Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Beginning Guitar or Permission of Instructor

These are continuing courses for students who have already taken Beginning Guitar, or for students who have had previous experience playing guitar. This course builds on students' prior knowledge of music notation and ensemble playing skills developed in the Beginning Guitar course. There is a greater emphasis on playing popular songs of the students' choosing, as well as on the further development of guitar technique. The primary focus of the course is on playing in small ensembles and working toward performances, including both classical chamber music and popular music arrangements.

GUITAR ENSEMBLE (Ninth, Tenth, Eleventh and Twelfth grade, all year, ½ credit, elective)

Prerequisite: Permission of Instructor

The Saint Ursula Academy Guitar Ensemble is a performing ensemble made up of students of all levels, from beginners to advanced players. The ensemble performs at the Christmas Concert and the Spring Concert, as well as other times throughout the year. Repertoire ranges from arrangements of classical music, to music composed for guitar ensembles, to arrangements of popular songs. The Guitar Ensemble performs on both acoustic and electric guitars, as well as electric bass guitars.

BEGINNING PIANO (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course is designed for students who wish to learn to play the piano. Students will learn fundamental playing techniques as well as how to read musical notation. A variety of musical styles will be studied while learning the basic principles of music construction. Students will learn to play solos as well as in ensembles and will perform in a recital at the end of the term.

INTERMEDIATE/ADVANCED PIANO (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Beginning Piano; Permission of the Music Director.

This course is designed for students who have previous experience playing the piano and who wish to advance their playing skills. Students will be challenged with more challenging technique and piano repertoire as soloists and in ensembles. All students will perform in a recital at the end of the term.

MUSIC THEORY & COMPOSITION (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Beginning Piano; Permission of the Music Director.

In this course students will learn about the basic organizational structures of music, with an emphasis on understanding how music works and composing music. The course will focus on understanding harmony, musical forms, and counterpoint. Several different software programs will be used for writing musical notation, for ear training, and for recording music. This class is highly recommended for students who desire a greater depth of understanding of music, and for students who plan to study music in college.

LISTENING TO MUSIC (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This class is available to students who are interested in learning to listen to music of various styles throughout history, from the Middle Ages to the present time, including Western European art music and American popular music styles of the 20th century. Students will learn about the elements of music, and will study the history of musical styles, focusing on listening to the most important musical styles, composers, and forms of each era.

RELIGION DEPARTMENT

Saint Ursula Academy offers a full four-year religious education program. The department is faithful to the school's mission of honoring the uniqueness of each person, and transforming young women into thinkers, leaders, nurturers, and prophets committed to building a better world. The department works to educate the whole person, ensuring that each student receives the foundation necessary for an informed and committed adulthood of faith.

RELIGION 1 (Ninth grade, 2 terms, 1 credit, required)

Term 1 – OLD TESTAMENT

Students will come to a deeper understanding and appreciation of the Hebrew Scriptures, the inspired record of God's Self-Revelation. Interpreting the Bible from a contextualist perspective, students will be guided by the teaching and tradition of the Church. Learning to focus on the religious truths contained in the biblical stories, students will be helped in applying those truths to their own faith journeys. Acquiring skills for praying with the Scriptures in their personal lives as well as in the Church's liturgy, students will come to see how the Bible is an essential place for drawing near to God. As students read, research and reflect upon the sacred writings that Jesus Himself studied, they will gain insights into how to live more fully as His disciples.

Term 2 – NEW TESTAMENT

Through study of the Christian Testament, students will come to a deeper understanding and appreciation of Jesus Christ, the ultimate Revelation to us from God, and His Good News. Interpreting the books of the New Testament from a contextualist approach, students will learn to focus on the religious truths that these sacred writings hold. Praying the Gospels, Acts of the Apostles and Letters, students will be encouraged to deepen their current level of discipleship. They will be invited to enter into a fuller personal relationship with Jesus and to make a stronger commitment to participation in His ministry of loving service.

RELIGION 2 (Tenth grade, 2 terms, 1 credit, required)

Term 1 – CHURCH: The study of the Church is a continuation of the study of Salvation History examined in the two Scripture courses. The course is designed to help the student define what the Church is and to identify its role in the modern world. Through this course, students will come to understand how the risen Christ can be encountered through the community of the Church and how each member of the Church is called to participate in the life and mission of the Church, thus preparing the student to exercise leadership in the Church in a changing world. By studying the history of the Catholic Church, students will understand the significance of major events and how they continue to affect the Church today.

Term 2 – SACRAMENTS: Students explore sacramental theology and practice by developing an awareness of God's presence in their lives and in the ritual and meaning of the Sacraments. They will see that not only are the Sacraments a means for encountering Christ and God's gifts through the Church; the sacraments are also central to the call to live as disciples in the Church. The study of the Sacraments will also aid the students in developing the dispositions necessary for full, conscious and active participation in the Sacraments, especially the Eucharist.

RELIGION 3 (Eleventh grade, 2 terms, 1 credit, required)

Term 1 – MORALITY: Students will explore the Catholic understanding of the human person, created by and made in the likeness of God and exemplified in the humanity of Jesus Christ. We will study God's law and the role of law in natural and civil law in our country and our world today. The student will examine important sources for developing and informed conscience: including the moral teachings of Jesus, the 10 Commandments and Catholic Church teachings. Students will analyze the impact of sin in their own lives and in society, recognizing the importance of making moral decisions. By the end of the course, students will be able to articulate their position on moral issues in relation to Catholic Church teaching, living as a person rooted in the love of God, neighbor and self.

Term 2 – SOCIAL JUSTICE: One must not only struggle with her own moral choices, she must also critically study, evaluate, and respond to the many issues of injustice in society. Following the Biblical call to bring about justice and rooted in the documents of the Catholic Church, students will learn the principles of Catholic Social Teaching and how these teachings are integral to living Catholic life. With this basic understanding, students will then be able to develop skills for analyzing current social issues

and identify ways to bring about a more just world. Through participation in a service learning experience, students are encouraged to examine social issues in the community and see how they can engage in activities that promote justice. By recognizing and appreciating the dignity and self-worth of each individual, students will begin to see the commonality of all humanity and their responsibility to help create a more just world.

RELIGION 4 (Twelfth grade, 2 terms, 1 credit, required)

Christian Lifestyles and one of the electives (either Art and Soul, Healing and Hope, Prayer, or World Religions) is needed to complete the senior year religion requirement.

CHRISTIAN LIFESTYLES (Twelfth grade, 1 term, ½ credit, required)

This required senior year course explores how the student can embody a Christian lifestyle of faith, integrity and courage in the modern world. Responding to the universal call to holiness, each student is supported in actively discerning her life vocation. This discernment involves the prayerful examination of her life in light of the witness offered by Jesus Christ. The student will come to a fuller understanding of the Christian witness and be strengthened in prophetically living out this witness in the world. Topics include: Identity Formation, Spiritual Discernment, Love and Sexuality, Christian Simplicity, Communication Skills, and Catholic Vocations.

ART AND SOUL (Twelfth grade, 1 term, ½ credit, fulfills requirement)

This senior year elective is a fusion of faith and imagination. Designed for students eager to learn about the intersection of what we believe and its creative expression, this course will help students make meaning from Scripture, Church history, morality and social justice as it investigates the role of visual art, architecture, music, drama and the written word. The critical nature of imagination in spirituality is emphasized throughout the course, and a student's commitment to exercise her imagination is required. While no specific artistic gift is necessary to take this course, students interested in the visual arts, music, writing, dance, theatre or filmmaking should consider this elective.

HEALING AND HOPE (Twelfth grade, 1 term, ½ credit, fulfills requirement)

The Healing and Hope course explores the complexity of death and loss through the lens of the Catholic faith while emphasizing the importance of the Paschal Mystery in our journey of hope and healing. The importance of finding hope through experiences of suffering and death is supported by Pope Francis in his encyclical *Lumen Fidei* (June 29, 2013), when he stated, "Christians know that suffering cannot be eliminated, yet it can have meaning and become an act of love and entrustment into the hands of God who does not abandon us; in this way it can serve as a moment of growth and faith and love." Healing and Hope will take you on a journey through the studies of the physical, philosophical, personal, psychological, cultural, historical, religious and moral aspects of suffering and loss.

PRAYER (Twelfth grade, 1 term, ½ credit, fulfills requirement)

This course is designed to help the student explore the possibility of a deeper spiritual life and a closer relationship to God through prayer and the Catholic tradition. Content will include a study of what prayer is, kinds of prayer, relating to God, prayer styles, and techniques and methods in prayer. Emphasis in this course will be on student input and experience, with much time given to reflection, discussion, various student and teacher planned prayer experiences, and student presentations. An openness to a belief in God and appreciation and respect for Catholic and Christian traditions are prerequisites for this course.

WORLD RELIGIONS (Twelfth grade, 1 term, ½ credit, fulfills requirement)

This course explores the role of religion in the lives of human beings by examining the major religious traditions of the world. In doing so, students will be able to articulate the spiritual truths that are common to all religions and the ways in which Catholicism is distinctive from the other traditions. They will also see the value of interreligious dialogue. Through a brief study of religions such as the various forms of Christianity, Judaism, Islam, Hinduism, Buddhism, Confucianism, Taoism, Tribal Traditions, and other religions, students will seek to understand why human beings need religion and spirituality in their

lives. Students taking this course must be interested in reflecting and building upon their own religious experience, as well as listening to the experience of others.

SCIENCE DEPARTMENT

The following chart shows the sequence of courses for the Science Department. Biology, Chemistry and one other laboratory science are required for graduation.

| | College Preparatory | Honors & Advanced Placement |
|-----------------------|---|---|
| Freshman Year | Physical Science | Honors Physical Science & Honors Biology |
| Sophomore Year | Biology Electives | Honors Chemistry Electives |
| Junior Year | Chemistry Electives | Honors Chemistry Honors Physics P Biology P Chemistry Electives |
| Senior Year | Physics Anatomy & Physiology Environmental Science Electives | Honors Physics P Physics C Electives |

PHYSICAL SCIENCE (Ninth grade, 2 terms, 1 credit, required)

This first year course is designed to introduce key concepts, theories and skills that will prepare students for future science courses in Biology, Chemistry and Physics. Course content will include the study of the properties and classification of matter, atomic models, organization of the periodic table, chemical bonding, types of chemical reactions, balancing equations, basic inorganic nomenclature, the mole, acids and bases, forms of energy, laws of thermodynamics, Newtonian motion, and forces. Students develop laboratory, critical thinking, and problem solving skills through the application of the scientific method.

PHYSICAL SCIENCE HONORS (Ninth grade, 2 terms, 1 credit, required)

Prerequisite: Permission of the Department

Physical Science Honors covers the same topics as Physical Science, in greater depth, at a more rapid pace, and the expectations placed on the Honors student are greater. The course offers a broader scope and includes the additional chemistry topics of mole concept and nomenclature.

BIOLOGY (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Physical Science

Biology is designed to provide students with a broad view of the biological sciences, and to help them develop an appreciation of life in its oneness and variety. Inquiry based learning fosters an increased awareness of the complexity and beauty of human life in itself and in its multiple relationships with other life and the environment. Laboratory activities facilitate the development of critical thinking and sound laboratory skills. Biology includes the following topics: scientific method, molecular evolution of life, cytology and bioenergetics, genetics, survey of living things, and ecology. The course emphasizes molecular and evolutionary aspects as unifying themes.

BIOLOGY HONORS (Ninth grade and Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Honors Physical Science or Permission of the Department

Biology Honors covers the same topics as Biology. The course differs in that topics are pursued to a greater depth and at a more rapid pace and the expectations placed on the honors student are greater.

CHEMISTRY (Tenth and Eleventh grade, 2 terms, 1 credit, required)

Prerequisite: Biology

Chemistry presents the structure and changes that occur in matter along with the associated energy changes. It studies the basic theories and laws of chemistry and topics such as stoichiometry, atomic

structure, the periodic table, chemical bonds, nomenclature, Kinetic Molecular Theory, energy, thermodynamics, molecular geometry, the structure of solids, liquids and gases, changes in state, kinetics and solutions. Through laboratory work, students develop safe laboratory technique and formal laboratory reporting. In the laboratory, direct observation and measurement lead to the discovery, development and further understanding of basic principles discussed in class. The use of mathematical and graphical means to analyze laboratory results is an important part of this course.

CHEMISTRY HONORS (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Biology Honors or Permission of the Department

Chemistry Honors is an accelerated course. The course covers the same topics as College Preparatory Chemistry as well as advanced topics such as electrochemistry. Information is given in greater depth and the mathematical concepts are more complex.

AP BIOLOGY (Eleventh and Twelfth grade, 3 terms, 1.5 credit, elective)

Prerequisite: Permission of the Department

AP Biology is designed for students who have successfully completed Honors Biology and Honors Chemistry and provides an in-depth sequence to Biology. The course seeks to further develop inquiry and laboratory skills, to foster individual research, to provide the conceptual framework and factual knowledge needed to understand current developments in the biological field, and to adequately prepare the students for the AP biology exam. Students supplement class material through the use of a variety of textbooks and the reading of current scientific journals. Laboratory exercises require individual research of topics, teamwork, skills to carry on lengthy procedures and the ability to report findings both orally and in writing.

AP CHEMISTRY (Eleventh and Twelfth grade, 3 terms, 1.5 credit, elective)

Prerequisite: Permission of the Department.

The AP Chemistry course is designed as a follow-up to honors chemistry and follows the Collegeboard curriculum to be the equivalent of a first-year general chemistry course in college. Students will attain a deeper understanding of fundamentals and increased competence in dealing with chemical problems. The course will contribute to the development of the student's abilities to think critically and to express her ideas clearly and logically. Coverage of concepts addressed in honors chemistry is expanded with the aid of mathematical tools and new experimental and spectrometric techniques. New topics, including chemical thermodynamics, electrochemistry, and quantitative treatment of equilibrium and kinetics, are introduced and interwoven with older topics to create a more complete understanding of chemistry.

AP ENVIRONMENTAL SCIENCE (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisites: Biology AND Chemistry

This AP course is designed to provide an introductory experience to foster an understanding of the interrelationships of the natural world. This course will examine natural and manmade environmental problems, and study possible solutions for resolving and preventing these problems. This laboratory science course takes an interdisciplinary approach to these topics and is designed to prepare students for the advanced placement examination which may fulfill a basic requirement for a laboratory science as first-year college students.

PHYSICS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Biology AND concurrent/completion of Algebra 2

Physics is a general survey physics course which will build a conceptual understanding of how physics shapes everyday life. Although math is necessary to explore the concepts of physics, the course will emphasize the general laws, theories and application of this fascinating science. Topics include motion, mechanics, electricity, magnetism, light, atomic and nuclear physics. Labs will reinforce the concepts and will be related to hands-on and real world applications.

PHYSICS HONORS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: concurrent/completion Chemistry Honors AND concurrent/completion of Algebra 2 OR Permission of the Department

Completion of this course is REQUIRED for AP Physics C

This course is designed to develop an understanding of the principles underlying the interaction of matter, the resulting motions, and the forces and energy involved. Physics is a study of both concept and math, this course requires a solid foundation in algebra and geometry as well as a basic knowledge of trigonometry; the mathematics of vectors is taught as needed. Topics covered are: kinematics and dynamics, momentum, energy, light, waves, electricity, and magnetism. Labs and activities will provide a hands-on perspective of the material covered.

AP PHYSICS C (Eleventh and Twelfth Grade, 3 terms, 1.5 credits, elective)

Prerequisite: Honors Physics AND Permission of the Department AND completion of or concurrent with Pre-Calculus

This elective is offered to students who have demonstrated high interest and ability in both science and mathematics. An intensive course, incorporating two levels of study into one year; it is designed to prepare students for the Advanced Placement examination. The subject matter of the AP Physics C course is primarily Mechanics and Electricity and Magnetism with equal emphasis placed on both areas of study. Strong emphasis is placed on solving problems, some requiring Calculus. As such, some basic principles of Calculus will be taught as part of the course. This course ordinarily forms the first part of a sequence of courses that serves as the foundation of physics for students majoring in science or engineering.

ANATOMY AND PHYSIOLOGY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Chemistry or concurrent Chemistry

The goal of this course is to discover how the human body works as it maintains the dynamic balance called life. Exploration of the relationship between anatomy (structure), and physiology (function), provide a foundation for the investigation of interactions between body systems. Knowing how body systems work together enables students to understand what it means to be a healthy individual as well as the impact of disease and stress. An integrated view of how the human body works is provided through laboratory investigations, lectures, inquiry-based activities, discussion, direct observation, and dissection. New technologies, therapies, and research are explored and analyzed. Practical applications and everyday examples are also used to show students the relationship between their own bodies and the real world of medicine and science.

BIOTECHNOLOGY HONORS (Eleventh and Twelfth grade, 1 term, 1/2 credit, elective)

Prerequisites: Honors Biology and Chemistry

This is a second-year study of biological and chemical principles related to molecular biology and biotechnology. The course is designed for advanced students with interests in science careers. This course gives students a comprehensive introduction to the scientific concepts and laboratory research techniques currently used in the field of biotechnology. In addition, students further develop the laboratory, critical thinking, and communication skills currently used in the biotechnology industry. Written assessments and laboratory analyses will help students learn to write concisely and accurately, while encouraging analytical thinking referenced to observations. Upon the completion of the course students will have an understanding of the role of biotechnology in society, including the risks and benefits. They will learn the significance of biotechnology in pharmaceutical development, forensics, genetic testing, industrial products, and scientific research.

EXPLORATIONS IN ENGINEERING (Tenth and Eleventh Graders, 1 term, ½ credit, elective)

Prerequisites: None

This course is project-based, exploring various fields of engineering through hands-on investigations. Students will practice teamwork as they work together to recognize, design, and build solutions to real-life problems. Students will be expected to challenge themselves, using tools and technology (e.g. 3D printing) with which they might not be familiar. Areas of exploration can include Civil Engineering (bridges, structures, buildings, roads), Mechanical Engineering (machines, cars, boats, manufacturing),

Chemical/Materials Engineering (consumer products, manufacturing and building processes), Aerospace Engineering (airplanes, spacecraft), and Biomedical Engineering (medicine, prosthetics). Students will leave this course with an understanding of the Engineering process and more confidence in dealing with physical problems.

FOUNDATIONS OF ENGINEERING DESIGN THINKING I (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Chemistry AND concurrent with CP Physics or Honors Physics.

This course introduces students to all fields of engineering and the opportunity to explore several disciplines through hands-on projects. You will be introduced to concepts in creativity, innovation, engineering fundamentals, and problem solving methodologies. You will learn, through experience, the process of design and analysis in engineering including how to work effectively on a team. Project-based assignments can explore such fields as civil engineering (e.g. bridge making), aeronautics (e.g. airplane design and construction), electrical engineering (e.g. circuits), mechanical engineering (e.g. manufacturing consumer goods), materials engineering (use of plastics, metals and polymers), 3D design (3D printing), computer programming, environmental engineering and much more. Guest speakers and field trips are expected to help students learn about potential careers in the field. The main purpose of the course is to expose the student to possibilities of a career in engineering.

THE SCIENCE OF STUFF: MATERIALS SCIENCE AND ENGINEERING (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Physical Science

This course will cover the basics of materials science and engineering, a field which deals with the choice, construction, and testing of materials to be used in different objects. It will introduce the four main classes of materials (metals, ceramics, polymers, and composites), compare their properties and applications, and address how engineers would test them in order to determine whether they will serve well in their intended use. This will be a lab-based course with a lot of hands-on work with the materials, including metal working and casting, creation of polymer foams with different properties and applications, and comparison of strength of plain cement against a composite of cement with other materials.

INVERTEBRATE ZOOLOGY (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Physical Science and concurrent or completed Biology

This class is offered in 2022-2023.

A study of the major invertebrate phyla of the animal kingdom emphasizing the study of the relationship between simpler and more complex organisms. The similarities and differences will be studied through dissection in which students will observe the internal and external anatomy of various invertebrates and the physiology of systems and organs.

VERTEBRATE ZOOLOGY (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Physical Science and concurrent or completed Biology

This class is not offered in 2022-2023.

A study of the major vertebrate phyla of the animal kingdom emphasizing the study of the relationship between simpler and more complex organisms. The similarities and differences will be studied through dissection in which students will observe the internal and external anatomy of various vertebrates and the physiology of systems and organs.

ROBOTICS (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Physical Science

This will be a hands-on course in the building, design and programming of robots to prepare students for engineering and programming courses in college. The course will cover basic electronics as well as basic programming in the use of sensors, solar cells, and motors. Students will also develop skills in programming, using language based and icon based software. The course will be hands-on, challenge based, and individually paced, so that students can develop their own robot designs and programming goals. Students can explore their interest in detail redesigning and improving their robots, or move on to more advanced topics as their interests and skills develop.

FORENSICS (Tenth and Eleventh grade, 1 term, ½ credit, elective)

Prerequisite: Physical Science

This elective will develop hands-on laboratory skills. It will involve using problem solving skills, the collection of data, and analysis of data based on crime scene scenarios. Students will use techniques and lab methods found in chemistry, biology, physics and anatomy in their investigations.

SOCIAL STUDIES DEPARTMENT

The following chart illustrates the required and elective courses offered by the social studies Department.

| | Required Courses | Elective Courses |
|-------------------|--|---|
| Freshmen | None | AP Human Geography |
| Sophomores | World History or Honors World History | Bad Girls and Unruly Women History of the Holocaust |
| Juniors | United States History or AP United States History | Bad Girls and Unruly Women Cincinnati History Psychology AP Psychology AP European History AP Macroeconomics |
| Seniors | American Government or AP United States Government & Politics Economics | Bad Girls and Unruly Women AP European History AP Psychology AP Macroeconomics Cincinnati History Psychology |

AP HUMAN GEOGRAPHY (Ninth grade, 2 terms, 1 credit, elective)

Prerequisite: Placement based on admissions profile

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012).

WORLD HISTORY (Tenth grade, 2 terms, 1 credit, required)

This is a survey course on modern world history and cultures. This course is the basis for later courses in the social studies sequence and the historical thinking and writing skills required for them. It is designed to encourage multicultural awareness, appreciation of art, and knowledge of important contributions to human progress, including the contributions of women.

HONORS WORLD HISTORY (Tenth grade 2 terms, 1 credit, fulfills World History requirement)

Prerequisite: B+ or higher in Honors Literary Genres or A- or better in CP Literary Genres.

This survey course of modern world history and cultures is intended to prepare students to take the advanced placement history courses in United States history as well as European History. It places heavy emphasis on historical thinking and writing skills grounded in the analysis of both primary and secondary source documents. It is designed to encourage multicultural awareness, appreciation of art, knowledge of important contributions to human progress, including the contributions of women.

UNITED STATES HISTORY (Eleventh grade, 2 terms, 1 credit, required)

United States History traces and surveys the chronological development of the American nation since 1850. It is designed to develop in students an appreciation of the contributions of all American people in

the building of the nation. It also should give students an appreciation of American democracy, opportunity, progress, and problems.

AP UNITED STATES HISTORY (Eleventh grade, 2 terms, 1 credit; fulfills US History requirement)
Recommendation of Honors World History teacher.

AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Students will practice the necessary analytical and writing skills necessary to take the AP exam in May.

AMERICAN GOVERNMENT (Twelfth grade, 1 term, ½ credit, required)

The students study American government at the federal, state and local levels. Emphasis is placed on the three branches of the government, the Constitution, voting, political parties, the electoral process, civil rights, social problems, foreign policy, and the history of their local area.

ECONOMICS (Twelfth grade, 1 term, ½ credit, required)

The American economic system is studied including basic economic concepts, employment, the business cycle, and stabilization policies. In addition, the course provides personal financial literacy skills.

AP MACROECONOMICS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective; fulfills Economics requirement)

Prerequisite: Recommendation from the World History or US History teacher.

This course will not be offered in 2022-2023 but will be offered in 2023-2024.

AP Macroeconomics builds upon and develops student analytical and reasoning skills through the use of data, tables, and graphs for an in depth examination of the US economy as a whole and how it functions. After gaining a strong foundation in the economic way of thinking and theory, students will study how economic performance is measured, the financial sector, stabilization policies, economic growth, and international economics. Tradeoffs and the impact economic policy and incentives have on the environment, society, and the national budget are also examined and discussed. The course prepares the students to take the Advanced Placement test to earn college credit in Macroeconomics and provides personal financial literacy skills.

AP UNITED STATES GOVERNMENT & POLITICS (Twelfth grade, 2 terms, 1 credit, elective; fulfills Government requirement)

Prerequisite: Recommendation from the World History or US History teacher.

AP United States Government and Politics is a college-level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will read and analyze US foundational documents, Supreme Court decisions, and other text and visuals to gain an understanding of the relationships and interactions between political institutions and behavior. Students will read and interpret data, develop evidence-based arguments, and engage in an applied civics or political research-based project. The course also prepares the students to take the Advanced Placement test to earn college credit in American Government. Students will also have the opportunity to participate in the Senior Campaign Project.

AP EUROPEAN HISTORY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Recommendation from the World History or US History teacher.

This course will be offered in 2022-2023 but will not be offered in 2023-2024.

AP European History is a survey of the significant events, developments, and complexities of European History from the end of the Middle Ages to the present through the lenses of politics, economics, religion, society, ideas, and the arts. Students build upon and advance strong analytical, discussion, presentation, and writing skills to better examine these topics and to understand how they have impacted and shaped the modern world. The course prepares the students to take the Advanced Placement test to earn college credit in European History.

AP PSYCHOLOGY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Successful completion of Anatomy and Physiology.

The goal of Advanced Placement Psychology is to provide the student with a course similar to that of an introductory college course. It surveys the scientific study of human behavior and mental processes. Students learn about ethics and methods, as well as theoretical approaches to behavior and important historical figures in the field.

HISTORY OF THE HOLOCAUST (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course will enable students to understand the Holocaust as a significant event in history that continues to have universal implications. In studying the Holocaust and the events surrounding it, students will develop and awareness of the value of diversity in a pluralistic society. Content will include such topics as Nazi Germany, the “Final Solution,” Jewish resistance, rescuers, survivors, liberators, perpetrators and bystanders.

BAD GIRLS AND UNRULY WOMEN (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

How did American women achieve the status that they have today? They did it by standing on the shoulders of “Bad Girls and Unruly Women”. This history course will focus on those American women who were brave enough to step out of their prescribed roles and dared to dream that women could be more than “birds in a gilded cage”.

CINCINNATI HISTORY (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course will provide students an in-depth study of local history. Areas of emphasis will include early settlement, the diversity of the populace, the Ursuline heritage, the arts and architecture, mass transit, and current problems. A series of off campus field trips will be utilized to enhance the student’s understanding of the rich heritage of this Gateway to the West.

PSYCHOLOGY (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course will provide exposure to the foundations of Psychology through a study of the basic concepts of the science of the mind and human behavior. Content will include the history of psychology, learning and cognition, memory and thought, sensation and perception, motives and emotions, as well as personality theories.

TECHNOLOGY AND OTHER ELECTIVES

COMPUTER APPLICATIONS (Ninth and Tenth, 1 term, ½ credit)

This course is designed to teach students the basic software applications that are needed to be a successful college student (whether you decide on college or career) and beyond. This course will introduce students to the specific skills that are needed for future classes, such as writing research papers, using tables, charting and analyzing data, and creating communication pieces and presentations. This course will be hands-on with office productivity software such as Microsoft Office (Word, Excel, PowerPoint and Access) and Google Apps (Docs, Sheets and Slides) and will also address additional content as needed.

GAME DESIGN (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This one term course is designed to be an introduction into web application games including the design, development, construction, and play. Students will develop skills and competencies in including, but not limited to: player mechanics, backgrounds, layout, strategy, logic, object oriented coding, and player testing. The overarching goal of the course is to provide students with opportunities to expand their digital literacy through activities that promote collaboration, iteration, problem solving, and critical

thinking. Ultimately, students will successfully navigate a game design tool to create, edit, and publish content that is unique for them and their experience at Saint Ursula Academy.

AP COMPUTER SCIENCE PRINCIPLES (Tenth and Eleventh grades, 4 terms, 1 credit, elective)

Prerequisite: B or better in previous Math course or Permission from the Assistant Principal for Academics.

This class meets on a skinny bell for the entire year.

This course introduces students to the foundational concepts of computer science, instilling the ideas and practices of computational thinking and challenges them to explore how computing and technology can impact the world. With a unique focus on creative problem solving and real-world applications, this rigorous course promotes deep learning of computational content and engages students in the creative aspects of the field. Most of the class materials and assignments are online.

FRESHMAN SEMINAR (Ninth grade, 2 terms, 1 credit non-academic (pass/fail))

All freshmen are required to take Freshman Seminar. This is a class that allows for students to transition to the demands of high school while learning what it means to be a student at Saint Ursula Academy. The class will explore skills that will help students successfully navigate academics, social situations, service learning, Catholic identity, technology and much more.

BULLDOG TEACHER LEADER ACADEMY (Eleventh and Twelfth grades, 1 term, ½ credit, elective)

This course will give students a chance to explore what it means to work in a school. Students will learn about the history and current state of education both nationally and globally. Students will develop a portfolio that includes curriculum maps, lesson plans, seating charts, syllabi, communications to students and parents, and more. After learning about the fundamentals of learning styles and teaching strategies, students will teach lessons and assess learning objectives. Students will interview and observe school professionals as well as take field trips that expose them to other aspects of education.

PRACTICAL LATIN: CRITICAL THINKING for TESTING SUCCESS (Tenth and Eleventh grade, 1 term, ½ credit, elective) (Latin is not required for a student to take this course)

It is estimated that 90% of English words over 2 syllables come directly from Latin or Ancient Greek, while 60% of all English words come from Latin or Ancient Greek, and the ability to understand those root words along with their prefixes and suffixes greatly increases a student’s verbal and critical thinking competency. In this course, students will develop the skills necessary to break words down into their prefixes, suffixes, and roots in order to develop a deeper understanding of common words and so that they are better able to discern the meaning of unfamiliar words. Students will expand their ability to think critically and problem solve by being able to determine what information is essential and being able to narrow their focus on important details. No Latin experience necessary for success in this class.

THEATER DEPARTMENT

Saint Ursula Academy offers a full four-year Theater program. The chart below outlines the sequence of courses and the various options a student may choose.

| Year | Performance Course | Technical Theatre |
|-----------|--|---|
| Freshman | <ul style="list-style-type: none"> Freshman Acting (2 term course) | <ul style="list-style-type: none"> Technical Theatre |
| Sophomore | <ul style="list-style-type: none"> Fundamentals of Acting Scene Study* | <ul style="list-style-type: none"> Technical Theatre |
| Junior | <ul style="list-style-type: none"> Fundamentals of Acting Scene Study* Styles of Acting* Directing Lab* Music Theatre Workshop* | <ul style="list-style-type: none"> Technical Theatre |

| | | |
|--------|---|---|
| Senior | <ul style="list-style-type: none"> • Fundamentals of Acting • Scene Study* • Styles of Acting* • Directing Lab* • Music Theatre Workshop* <p>* Denotes prerequisite(s) exist for this course</p> | <ul style="list-style-type: none"> • Technical Theatre |
|--------|---|---|

FRESHMAN ACTING: Level I (Ninth grade, 2 terms, 1 credit)

A course designed to develop basic skills in performance, interpretation and criticism of the craft. The student will develop an understanding of the role theatre has played in history and contemporary life. This course will give students experience on stage so that they may understand the demands of rehearsal and performance. It is hoped that by the end of Freshman Acting students will have an understanding of the requirements of the craft of acting and have developed confidence to approach the craft with discipline and success. Each term will end with a performance exam for family and friends.

FUNDAMENTALS OF ACTING: Level I (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

A one-term course designed to develop knowledge and basic skills in performance, interpretation and criticism of the craft. This course is open to students who did not take Freshman Acting but wish to begin learning the craft of acting. The student will have an understanding of the role theatre has played in history and in contemporary life. It is hoped that by the end of Fundamentals of Acting students will have an understanding of the requirements of the craft of acting and have developed confidence to approach the craft with discipline and success. The term will end with a performance exam for family and friends.

****This course is designed for students who did NOT take Freshman Acting. If you took Freshman Acting please look at Scene Study.***

SCENE STUDY: Level II (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Freshman Acting or Fundamentals of Acting

This one term course is designed to continue the development of performance skills. Students will learn how roles are created, perfected, and sustained. Students will work together in small groups to evolve their character development process using scenes and monologues. The performance exam consists of scenes from scripted plays. ****If you've taken Freshman Acting this is the next course for you to take.***

STYLES OF ACTING: Level III (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Freshman Acting and/or Fundamentals of Acting and Scene Study

This one term course is designed to continue the development of performance skills. Students will study and practice radically different styles of acting and characterizations; scene work is presented in a variety of historical periods and performance techniques. Students will also study theatre history and the performance exam will consist of a compilation of scenes in different styles.

PRINCIPLES OF TECHNICAL THEATRE: Level I (Ninth, Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

In this class students will be introduced to the basics of elements that make up theatrical design and how all those elements work together to form a theatrical production. The disciplines that will be covered include stagecraft/set design, costume design, sound design, light design, properties design, hair & make-up design, stage management, directing & producing. The class will include an informational lecture section, guest speakers, and hands on activities that put the information learned to practical use. Off-site field trips to up to three different theater spaces will be included to help students identify the technical theatre in many venues.

DIRECTING LAB: Level IV (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Freshman Acting or Fundamentals of Acting, Scene Study and Styles of Acting OR recommendation of instructor.

This course will be offered in 2022-2023 but will run in 2023-2024.

This upper level course is designed for the serious and experienced theatre student. The class focuses on the process and responsibilities of the director. Students explore the process of creating a production concept for a piece of theatre they choose themselves. The term will end with a long term project where students will use the production concept they created to cast, rehearse, prepare and perform their piece in a Festival of One Acts. **Please note that this course will require outside of school rehearsals. It will require a good deal of outside time for technical rehearsals and performances. Students wishing to take this class should make sure that they have limited other commitments in the month of January which is when performances will take place. Also note the class has limited space.*

MUSIC THEATRE WORKSHOP: Level IV (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Freshman Acting and/or Fundamentals of Acting, Scene Study OR recommendation of instructor.

This course will not be offered in 2022 - 2023 but will be offered in 2023 - 2024

This upper level course is designed for the serious and experienced theatre student. The class includes music, dance and acting as well as exploration of the performers, directors, choreographers, composers, and designers whose artistic contributions gave rise to and established the global popularity of the Broadway musical. Students will learn proper musical theatre vocal technique and will explore various types of dance. The term will end with a two night, evening Musical Theatre Cabaret arranged by the students! **Please note that this course will require minimal outside of school rehearsals. It will require a good deal of outside time for technical rehearsals and performances. Students wishing to take this class should make sure that they have limited other commitments in the month of January which is when performances will take place. Also note the class has limited space.*

WORLD LANGUAGES DEPARTMENT

The chart below represents a typical sequence for students beginning their foreign language study in high school. Students with previous experience may test ahead. Students are required to have at least three credits of one foreign language. Students may choose to take the fourth or fifth levels as electives, or may take an additional language after completing the Level 3 course.

| Grade Level | Level of study | Languages Offered | College Prep/Honors |
|-----------------|------------------------------|---|--|
| Freshmen | Level 1 | French, Latin, or Spanish | College Prep |
| Sophomores | Level 2 & Level 3 | French, Latin, or Spanish | College-Prep |
| Juniors | Level 4 & Level 5 | French, Latin, or Spanish <i>approval required</i> | College Prep & Honors for Level 4; AP for Level 5 |
| Juniors/Seniors | May choose a second language | | |

FRENCH 1 (4 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

Students in French 1 will explore a variety of thematic units and cultural aspects of the French-speaking world as a means of developing interpersonal and presentational communication skills. Communication skills include level-appropriate reading, writing, listening, speaking and viewing. Themes currently being explored are: Self and Others, School Life, Social Life, and Community. Authentic materials and infographics are used in all thematic units.

FRENCH 2 (2 terms, 1 credit)

This course is taught in the first semester only.

If a student finishes French 1 with less than a C- average, it is strongly recommended that the student seek out professional remedial assistance prior to beginning French 2.

French 2 builds upon the communication skills learned in French 1. Various aspects of French-speaking cultures continue to be explored. Thematic units currently included in French 2 are: Self-Description, Holidays and Celebrations, and Home Life.

FRENCH 3 (2 terms, 1 credit)

This course is taught in the second semester only.

If a student finishes French 2 with less than a C- average, it is strongly recommended that the student seek out professional remedial assistance concurrent with taking French 3.

This course is a continuation of French 2, further exploring the theme of Home Life and introducing Leisure time Activities, and Vacation and Travel. Studying the cultures of the French-speaking world continues to be an integral part of French 3.

FRENCH WRITING AND CONVERSATION (2 terms, 1 credit)

Prerequisite: C average or better in French 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

This course concentrates on the further development of interpersonal and presentational communication skills. Vocabulary building, continued grammar instruction, conversation, and culture are integral to the course.

HONORS FRENCH 4 (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

This course is taught in the first semester only.

Prerequisite: B average or better in French 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

Conducted primarily in French, this course includes continued grammar instruction, reading and discussing of literary selections, viewing and discussing short films, writing unified essays, and further exploration of francophone culture, art, music and history.

AP FRENCH LANGUAGE AND CULTURE (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

This course is taught in the second semester only.

Prerequisites: a consistent B average or better in Honors French 4 and teacher recommendation based on outstanding verbal skills, strong self-motivation, ability to self-instruct as needed, a disciplined work ethic and a positive attitude.

In preparation for the Advanced Placement Exam in French Language, this fast-paced, intensive course is designed to develop a high degree of competency in reading and listening comprehension, as well as interpersonal and presentational communication skills. There is an extra fee for the workbook used in this course and for the AP test.

HONORS SENIOR FRENCH SEMINAR (Twelfth grade, 2 terms, 1 credit, elective)

This course is taught in the second semester only.

Prerequisites: Successful completion of French Writing and Conversation, Honors French 4 and/or AP French Language and Culture in grades 10 or 11 and teacher approval.

This honors course is designed to be a fast-paced, intensive review of French language and grammar to help prepare students in Grade 12 for the language placement tests they will take at their respective colleges and universities. Students will re-activate their skills in listening, speaking, reading and writing.

LATIN 1 (2 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

This course introduces the student to Ancient Roman culture and language. Students begin reading Latin passages immediately as they learn to pronounce the Latin alphabet and to learn the grammatical terminology and syntax required for proficiency in the language. Students will learn the five noun

declensions as well as the four verb conjugations and the six tenses. Students will also be introduced to Roman culture through units on mythology, daily life, topography of Rome, and the Roman kingdom.

LATIN 2 (2 terms, 1 credit)

This course is taught in the first semester only.

In this course students will continue reading Latin passages of increasing complexity. Students master complete sentence structures such as relative clauses, the passive voice of verbs, deponent verbs, and comparison of adjectives and adverbs. Classical mythology is covered in greater depth and the Roman Republic and Punic Wars are the areas of historical emphasis. Cultural topics include Roman women, astronomy, medicine, the calendar, and food.

LATIN 3 (2 terms, 1 credit)

This course is taught in the second semester only.

In this course students will master all Latin participles and infinitives, the subjunctive and seven of its uses, as well as the indirect statement and the ablative absolute. Students are also introduced to original Latin prose and poetry through reading works by Martial, Catullus, Pliny, and Caesar. The Roman Empire is the historical focus this term and cultural topics include engineering, law, weddings, and funerals.

HONORS LATIN 4 (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: B+ average or better in Latin 3 OR teacher recommendation based on consistent performance and a positive attitude; This course is taught in the first semester only.

This course prepares students for advanced work in Latin by introducing them to the Latin meters, figures of speech, advanced grammar and cultural background necessary for reading the Advanced Placement syllabus. The course begins with extensive grammar review and practice as well as culture units on the Late Republic and Early Empire. Students will read a selection of original Latin passages.

AP LATIN (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Successful completion of Latin IV Honors AND teacher recommendation based on consistent performance and a positive attitude; This course is taught in the second semester only.

In this course, students who have completed Honors Latin IV will have the opportunity to apply their knowledge of grammar and vocabulary to reading the works of Vergil and Julius Caesar. Over the course of the two terms, we will read from the Advanced Placement syllabus in preparation for the AP Latin examination in May. Along with reading and discussing these selections, students will receive extensive practice in the skills necessary for success on the exam including sight-reading, scanning poetry for meter, literary devices, and critical essay writing.

PRACTICAL LATIN: CRITICAL THINKING for TESTING SUCCESS (Tenth and Eleventh grade, 1 term, ½ credit, elective) (Latin is not required for a student to take this course)

It is estimated that 90% of English words over 2 syllables come directly from Latin or Ancient Greek, while 60% of all English words come from Latin or Ancient Greek, and the ability to understand those root words along with their prefixes and suffixes greatly increases a student's verbal and critical thinking competency. In this course, students will develop the skills necessary to break words down into their prefixes, suffixes, and roots in order to develop a deeper understanding of common words and so that they are better able to discern the meaning of unfamiliar words. Students will expand their ability to think critically and problem solve by being able to determine what information is essential and being able to narrow their focus on important details. No Latin experience necessary for success in this class.

SPANISH 1 (2 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

This course is aimed at basic conversational skills and general comprehension of the Spanish language. There is an introduction to Spanish and Latin American culture and civilization including their influence on the United States. The content material covers topics and incidents of everyday life. The course objectives are designed to develop skills in the four areas of reading, writing, listening and speaking.

SPANISH 2 (2 terms, 1 credit)

Spanish 2 builds upon the vocabulary and structures learned in Spanish I. The most important grammar points, verb tenses, idioms and vocabulary will be completed by the end of the second year of Spanish 2. Spanish is spoken more often in Level 2 classes. Throughout the second level of instruction, the student works to increase their vocabulary and improve their communication skills in the four areas of reading, writing, listening and speaking.

SPANISH 3 (2 terms, 1 credit)

Spanish 3 is a continuation of levels 1 and 2 and is geared toward mastery of the language. The end goal of this course is to speak primarily in Spanish. This includes communication skills in speaking, reading, writing, and listening. More complex grammar and vocabulary is presented while further developing communication skills in all areas.

SPANISH WRITING AND CONVERSATION (2 terms, 1 credit)

Prerequisite: B+ average or better in Spanish 3 OR teacher recommendation based on consistent performance and a positive attitude.

This course is designed to enable students to further develop oral expression and listening skills by means of conversation. Topical vocabulary, current events and culture will be covered as well as the continuation of the Destinos Program. This course will be taught primarily in Spanish and the goal is that students will be able to discuss various topics within the target language and to improve their presentational skills in Spanish.

HONORS SPANISH 4 (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: A- average or better in Spanish 3 OR teacher recommendation based on consistent performance and a positive attitude.

This course aims to polish the four areas of language acquisition, that of speaking, listening, reading and writing. Students will have the opportunity to engage in conversational practice as well as reading works of literature by famous authors and studying Spanish and Latin American culture. This course is taught almost entirely in Spanish.

AP SPANISH LANGUAGE AND CULTURE (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Successful completion of Spanish Honors 4 and Teacher Recommendation

This course prepares the student to take the Advanced Placement Spanish Language examination for college credit. The goal is to increase student proficiency in the four language skills which will enable them to succeed at the university level. This course is taught entirely in Spanish.

HONORS SENIOR SPANISH SEMINAR (Twelfth Grade, 2 terms, 1 credit)

Prerequisites: Successful completion of either Spanish Writing and Conversation, Honors Spanish 4, or AP Spanish Language and Culture AND Teacher recommendation based on consistent performance and a positive attitude.

This course is designed to be a fast-paced, intensive review of Spanish language and grammar to help prepare students in Grade 12 for the language placement tests they will take at their respective colleges and universities. Students will re-activate their skills in listening, speaking, reading, and writing. Course content will include literature, poetry, current events, and films in Spanish. This will be an honors credit, as we will use intermediate college-level materials. This course will be taught primarily in Spanish.

EDUCATIONAL SERVICES PROGRAM for Students with Learning Disabilities and AD/HD

The Educational Services Program is intended to provide appropriate services for students who have learning disabilities and/or AD/HD. ES Program participants are required to take Academic Tutoring for which they will receive non-academic credit.

ACADEMIC TUTORING (½ non-academic credit – Pass/Fail)

A. MAJOR EXPECTATIONS

1. Students are mainstreamed into a competitive college preparatory program. The educational requirements of students in the Educational Services Program are identical to the educational requirements of their classmates.
2. Students complete a college preparatory education and enroll in a four-year college.
3. Students develop an understanding of their strengths, limitations, and learning styles.
4. Students develop study skills and compensatory strategies to ensure success.
5. Students participate in other school activities and co-curricular activities.
6. Students develop an understanding of individual rights and responsibilities.
7. Students are guided in their choices of post-secondary education.
8. Students develop an awareness of career opportunities in light of their strengths.

B. PHILOSOPHY

A learning disability is a persistent difficulty that significantly interferes with academic achievement. It affects the manner in which an individual with average or above average intelligence takes in information, retains it, and expresses the knowledge and understanding she processes. The most common learning disabilities occur in the areas of language (reading, spelling, and written expression); math computation; and problem solving. Less frequent are problems in organizational skills, time management, spatial organization, attention span, and social skills.

Students in Saint Ursula Academy's Educational Services Program are mainstreamed into the regular college preparatory classes (including honors/AP classes). The educational requirements of students in the Educational Services Program are identical to the educational requirements of their classmates. Students in the Educational Services Program are expected to produce the same quantity and same quality of work as their peers. Program participants benefit from a number of special accommodations and services that demonstrate Saint Ursula's commitment to providing a successful college preparatory experience for learning-disabled students. The special accommodations and services include small group tutoring, coursework support, diagnostic testing, access to audio recordings of books and textbooks, extended examination and testing periods, oral examinations and tests, tests read by tutor, and the use of a digital recorder to record class notes.

C. BROAD INSTRUCTIONAL OBJECTIVES

The objectives of the Educational Services Program are:

1. to provide a college preparatory education for girls with learning disabilities;
2. to provide for the individual learning differences and learning styles of the ES student by teaching to her strengths while working with her weaknesses;
3. to inform teachers of each student's disability and learning style and classroom accommodations that must be made for the ES student;
4. to provide the opportunity for each ES student to achieve her academic potential through daily coursework support, testing accommodations for quizzes, tests and exams (oral testing; taped tests; extended testing periods; tests and extended time Ohio graduation tests, PSAT, SAT, ACT, SAT Subject, and AP tests);
5. to provide academic and college advising to the ES student;
6. to consult with the faculty regarding the progress of the ES student.

D. ORGANIZATION

1. Placement Procedures

Students are evaluated prior to their admission to the Educational Services Program. Area psychologists, educational diagnosticians, and speech & language pathologists do the testing. The educational evaluation should consist of the WISC-IV or V [with subset scores] or Woodcock-Johnson Cognitive Abilities and educational achievement tests such as the Woodcock-Johnson-IV or WIAT. Other diagnostic tests such as the Woodcock Reading Mastery Tests-III and the Test of Written Language are helpful. Informal diagnosis occurs daily by noting errors and difficulties that students encounter with tests, homework, and assignments. Students are reevaluated in the spring/summer of their junior year so that there is current diagnostic information for the college application process.

2. The following guidelines are established for identifying and diagnosing students already at the Academy:

- a. The initial suggestion that a student may have a learning disability may come from the student, parents, teachers, counselors, or administrators.
- b. The available data (including an educational evaluation or ETR) are read and discussed by the Principal, Assistant Principal, guidance counselors, and Educational Services Program Coordinator.
- c. A student may be referred for further testing if appropriate.
- d. The Educational Services Program Coordinator analyzes all testing reports and consults with the Principal and Assistant Principal. Placement in the program is dependent on the number of available spaces in the program.
- e. A qualified student will be placed in the Educational Services Program at the beginning of the next term.
- f. Educational Service Program Academic Tutoring is a required course for which students in the Educational Services Program will receive non-academic credit.

The College Prep Student

The sample schedule illustrates what a schedule might look like for a student taking all college preparatory courses. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this schedule.

| FRESHMAN YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|---------------|-----------------|----------------|--------------|------------------|-----------------------|
| TERM 1 | Fine Arts | Adv. Algebra 1 | World Lang 1 | Physical Science | Freshman Seminar |
| TERM 2 | Fine Arts | Adv. Algebra 1 | World Lang 1 | Physical Science | Freshman Seminar |
| TERM 3 | Literary Genres | Adv. Algebra 1 | World Lang 1 | Health | Old and New Testament |
| TERM 4 | Literary Genres | Adv. Algebra 1 | World Lang 1 | PE | Old and New Testament |

| SOPHOMORE YEAR | BELL A | BELL B | BELL C | BELL D |
|----------------|---------------------|--------------|-----------------------|----------|
| TERM 1 | American Literature | World Lang 2 | Church and Sacraments | Biology |
| TERM 2 | American Literature | World Lang 2 | Church and Sacraments | Biology |
| TERM 3 | Geometry | World Lang 3 | World History | Elective |
| TERM 4 | Geometry | World Lang 3 | World History | Elective |

| JUNIOR YEAR | BELL A | BELL B | BELL C | BELL D |
|-------------|--------------------|-----------------|-----------------|------------------|
| TERM 1 | British Literature | Algebra 2 | Morality | Chemistry |
| TERM 2 | British Literature | Algebra 2 | Elective | <i>Chemistry</i> |
| TERM 3 | U. S, History | Social Justice | <i>Elective</i> | <i>Elective</i> |
| TERM 4 | U. S, History | <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

| SENIOR YEAR | BELL A | BELL B | BELL C | BELL D |
|-------------|---|-----------------|-------------------------|---------------------------|
| TERM 1 | World Literature | Government | <i>Science Elective</i> | Christian Lifestyles |
| TERM 2 | World Literature | Economics | <i>Science Elective</i> | Prayer or World Religions |
| TERM 3 | <i>Math Elective</i> <i>PreCalc or Algebra 3</i> | <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| TERM 4 | <i>Math Elective</i> <i>PreCalc or Algebra 3</i> | <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

The Honors/AP Student

The sample schedule illustrates what a schedule might look like for a student taking honors and AP Courses in many areas. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this schedule.

| FRESHMAN YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|---------------|------------------------|-----------------------|--------------|-------------------------|---------------------------|
| TERM 1 | Honors Literary Genres | Adv. Algebra 1 Honors | World Lang 1 | Honors Physical Science | Freshman Seminar |
| TERM 2 | Honors Literary Genres | Adv. Algebra 1 Honors | World Lang 1 | Honors Physical Science | Fine Arts or Health or PE |
| TERM 3 | AP Human Geography | Adv. Algebra 1 Honors | World Lang 1 | Honors Biology | Old and New Testaments |
| TERM 4 | AP Human Geography | Adv. Algebra 1 Honors | World Lang 1 | Honors Biology | Old and New Testaments |

| SOPHOMORE YEAR | BELL A | BELL B | BELL C | BELL D |
|----------------|----------------------------|--------------|-----------------------|----------------------|
| TERM 1 | Honors American Literature | World Lang 2 | Church and Sacraments | Honors Chemistry |
| TERM 2 | Honors American Literature | World Lang 2 | Church and Sacraments | Honors Chemistry |
| TERM 3 | Honors Geometry | World Lang 3 | Fine Arts/Health/PE | Honors World History |
| TERM 4 | Honors Geometry | World Lang 3 | Fine Arts/Health/PE | Honors World History |

| JUNIOR YEAR | BELL A | BELL B | BELL C | BELL D |
|-------------|---------------------------|---------------------|--------------------------|----------------------------|
| TERM 1 | Honors British Literature | Honors Algebra 2 | Honors Critical Thinking | AP Biology or AP Chemistry |
| TERM 2 | Honors British Literature | Honors Algebra 2 | Morality. | AP Biology or AP Chemistry |
| TERM 3 | Honors Precalculus | PE/ <i>Elective</i> | AP US History | AP Biology or AP Chemistry |
| TERM 4 | Honors Precalculus | Social Justice | AP US History | <i>Elective</i> |

| SENIOR YEAR | BELL A | BELL B | BELL C | BELL D |
|-------------|------------------------------|----------------------|--------------|--------------------------|
| TERM 1 | AP English Lit & Composition | Economics | AP Physics B | AP Calculus AB |
| TERM 2 | AP English Lit & Composition | Christian Lifestyles | AP Physics B | AP Calculus AB |
| TERM 3 | <i>Elective</i> | AP Government | AP Physics B | AP Calculus AB |
| TERM 4 | <i>Elective</i> | AP Government | AP Physics B | <i>Religion Elective</i> |

Italics denote elective courses. H = honors course; AP = Advanced Placement course
 The sequence for math course is Algebra 1, Geometry, Algebra 2, Pre-Calculus, and Calculus.
 Two math courses may be taken in the junior year to prepare the student for senior year calculus.

The College Prep Student in the Educational Services Program

The following sample schedule illustrates what a schedule might look like for a student in the Educational Services Program. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this sample schedule.

| FRESHMAN YEAR | BELL A1 | BELL A2 | BELL B | BELL C | BELL D |
|---------------|--------------|----------------|-------------|-----------------------|------------------|
| TERM 1 | World Lang 1 | Adv. Algebra 1 | ES Tutoring | Freshman Seminar | Literary Genres |
| TERM 2 | World Lang 1 | Adv. Algebra 1 | ES Tutoring | <i>Elective</i> | Literary Genres |
| TERM 3 | World Lang 1 | Adv. Algebra 1 | ES Tutoring | Old and New Testament | Physical Science |
| TERM 4 | World Lang 1 | Adv. Algebra 1 | ES Tutoring | Old and New Testament | Physical Science |

| SOPHOMORE YEAR | BELL A | BELL B | BELL C | BELL D |
|----------------|-----------------------|-------------|---------------|---------------------|
| TERM 1 | World Lang 2 | ES Tutoring | World History | American Literature |
| TERM 2 | World Lang 2 | ES Tutoring | World History | American Literature |
| TERM 3 | Church and Sacraments | ES Tutoring | Geometry | Biology |
| TERM 4 | Church and Sacraments | ES Tutoring | Geometry | Biology |

| JUNIOR YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|-------------|-----------|-------------|----------------|-----------------|--------------------|
| TERM 1 | PE | ES Tutoring | Morality | U. S. History | British Literature |
| TERM 2 | PE | ES Tutoring | Morality | U. S. History | British Literature |
| TERM 3 | Algebra 2 | ES Tutoring | Social Justice | <i>Elective</i> | Chemistry |
| TERM 4 | Algebra 2 | ES Tutoring | Social Justice | <i>Elective</i> | Chemistry |

| SENIOR YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|-------------|---------------------------|-------------|--------------------------|---------------------|------------------|
| TERM 1 | <i>Elective</i> | ES Tutoring | Christian Lifestyle | American Government | World Literature |
| TERM 2 | <i>Elective</i> | ES Tutoring | Christian Lifestyle | Economics | World Literature |
| TERM 3 | Algebra 3 or Pre-Calculus | ES Tutoring | Religion <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |
| TERM 4 | Algebra 3 or Pre-Calculus | ES Tutoring | Religion <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

*A student wishing to pursue a 4 year program in the Fine Arts would move these courses to an elective slot in a later year.

The Honors/AP Student in the Educational Services Program

The following sample schedule illustrates what a schedule might look like for a student in the Educational Services Program. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this sample schedule.

| FRESHMAN YEAR | BELL A1 | BELL A2 | BELL B | BELL C | BELL D |
|---------------|--------------|-----------------------|-------------|-------------------------|------------------------|
| TERM 1 | World Lang 1 | Adv. Honors Algebra 1 | ES Tutoring | Honors Physical Science | Honors Literary Genres |
| TERM 2 | World Lang 1 | Adv. Honors Algebra 1 | ES Tutoring | Honors Physical Science | Honors Literary Genres |
| TERM 3 | World Lang 1 | Adv. Honors Algebra 1 | ES Tutoring | Old and New Testament | Honors Biology |
| TERM 4 | World Lang 1 | Adv. Honors Algebra 1 | ES Tutoring | Old and New Testament | Honors Biology |

| SOPHOMORE YEAR | BELL A | BELL B | BELL C | BELL D |
|----------------|-----------------------|-------------|----------------------|----------------------------|
| TERM 1 | World Lang 2 | ES Tutoring | Honors World History | Honors American Literature |
| TERM 2 | World Lang 2 | ES Tutoring | Honors World History | Honors American Literature |
| TERM 3 | Church and Sacraments | ES Tutoring | Honors Geometry | Honors Chemistry |
| TERM 4 | Church and Sacraments | ES Tutoring | Honors Geometry | Honors Chemistry |

| JUNIOR YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|-------------|------------------|-------------|----------------|-----------------|---------------------------|
| TERM 1 | Fine Arts | ES Tutoring | Morality | PE | Honors British Literature |
| TERM 2 | Fine Arts | ES Tutoring | Morality | <i>Health</i> | Honors British Literature |
| TERM 3 | Honors Algebra 2 | ES Tutoring | Social Justice | <i>Elective</i> | AP U.S. History |
| TERM 4 | Honors Algebra 2 | ES Tutoring | Social Justice | <i>Elective</i> | AP U.S. History |

| SENIOR YEAR | BELL A | BELL B1 | BELL B2 | BELL C | BELL D |
|-------------|---------------------|-------------|--------------------------|------------------------|------------------------------|
| TERM 1 | Elective | ES Tutoring | Christian Lifestyle | AP American Government | AP English Lit & Composition |
| TERM 2 | <i>Elective</i> | ES Tutoring | Christian Lifestyle | AP American Government | AP English Lit & Composition |
| TERM 3 | Honors Pre-Calculus | ES Tutoring | Religion <i>Elective</i> | Economics | <i>Elective</i> |
| TERM 4 | Honors Pre-Calculus | ES Tutoring | Religion <i>Elective</i> | <i>Elective</i> | <i>Elective</i> |

*A student wishing to pursue a 4 year program in the Fine Arts would move these courses to an elective slot in a later year.

SAMPLE GRIDS

| | A Bell | B Bell | C Bell | D Bell |
|--------|--------|--------|--------|--------|
| Term 1 | | | | |
| Term 2 | | | | |
| Term 3 | | | | |
| Term 4 | | | | |

| | A Bell | B Bell | C Bell | D Bell |
|--|--------|--------|--------|--------|
| | | | | |

| Term 1 | | | | |
|--------|--|--|--|--|
| Term 2 | | | | |
| Term 3 | | | | |
| Term 4 | | | | |