



**LAKE
CATHOLIC**
HIGH SCHOOL

**PROGRAM OF
STUDIES**

2026-2027

LAKE CATHOLIC HIGH SCHOOL

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Principal – Thomas McKrill ('07)

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Asst. Principal of Academics – Maghen Frindt

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Asst. Principal of Student Life – Tanner Ross

Dir. of Mission and Formation – Cari Foster

Dean of Academics – James Slike ('07)

Dir. of Finance – Jeffrey Hall

INTRODUCTION

MISSION STATEMENT

Lake Catholic High School is an educational community centered in the mission of Jesus Christ, where young men and women of diverse interests and abilities are encouraged to learn, to work together, and to think for themselves. We strive to provide a curriculum and environment that fosters a commitment to excellence, a spirit of respect and compassion, personal integrity and a willingness to serve.



CORE VALUES

We provide a curriculum and environment that fosters a commitment to excellence, a spirit of respect and compassion, personal integrity, and a willingness to serve.

VISION

Lake Catholic High School will strive to educate students in the model of our patron, St. Thomas Aquinas, by preparing its students, faculty, and staff to create a culture that embodies love of knowledge, love of persons, and love of God.

BELIEF STATEMENTS

We believe that:

- We believe Gospel values and spiritual formation permeates all facets of school life.
- We believe each student is a valued individual with unique physical, social, emotional, and intellectual needs.
- We believe a student's self-esteem is enhanced by positive relationships and mutual respect between students, faculty, staff, and community.
- We believe students' learning needs are the primary focus of our school as we strive to inspire students to become confident, self-directed, lifelong learners.
- We believe curriculum and instructional practice should incorporate a variety of activities to accommodate the differences in learning styles.
- We believe students learn best when they are actively engaged in the learning process and are held accountable for producing quality work.
- We believe students need to demonstrate their understanding of knowledge through a variety of assessments.
- We believe the education of our students includes the development of the whole person in a diverse world.

- We believe administrators, teachers, parents, and the entire Lake Catholic Community share the responsibility for advancing the school’s mission.

COAT OF ARMS

Each element of the seal continues to represent a key part of Lake Catholic’s spiritual and educational mission:

- The sun depicts the human interaction with God in the Paschal Mystery of Christ’s saving death and resurrection.
- The torch symbolizes the ongoing search for truth.
- The olive branch reflects the school’s pursuit of peace.
- The cross and waves are drawn from the insignia of the Bishop of the Diocese of Cleveland, reminding us of our diocesan roots.
- The cross itself remains a clear symbol of salvation in Christ.
- The interlocking rings, now featured as a standalone element of the rebrand, represent a deep partnership of life and love in the Lord—a visual expression of our enduring faith community.



PATRON SAINT

St. Thomas Aquinas (1225-1274) was commissioned as the patron saint of Lake Catholic High School on November 1, 2006. His feast day is celebrated on January 28.

Born in 1225, St. Thomas Aquinas descended from noble blood lines in the Northern Italian region of Naples. Throughout his young life, he was significantly influenced by the rise of new universities in Western Europe, the complete works of Aristotle and Augustine, and the development of the Dominican Order within the Church. He lived a saintly life as a brilliant scholar, a great theologian, and an accomplished writer- commonly recognized as both an esteemed Doctor of the Church and a foundational Catholic Philosopher with his emphasis on the connected natures of both faith and reason.

At Lake Catholic High School, we use his most popular writings and teachings as inspiration to live our Mission and Core Values.

REGISTRATION PROCEDURES

The process of selecting and scheduling courses is organized as a collaborative effort among the students, parents, teachers, and guidance counselors to provide the students with a challenging program of study that will prepare them for college, career, and life. Admission into various courses at Lake Catholic is based on placement test results, previous grades, and specific course prerequisites.

The process of scheduling courses should begin with a careful review of the Program of Studies. A student's four-year plan should consider his/her interests, the recommendations of his/her counselor, the advice of his/her parents, the recommended college program, and the Lake Catholic graduation requirements.

Note: All courses described in this Program of Studies are offered subject to sufficient enrollment and may be canceled at any time.

REGISTRATION FEE AND OTHER FEES:

- Freshmen will be assessed a \$350 registration fee.
- Sophomores, Juniors, and Seniors will be assessed a \$250 registration fee paid through FACTS in the spring.
- Advanced Placement tests: Each Advanced Placement test is approximately \$100 and will be billed to the student's account.

LEVEL SELECTION

Freshmen

Freshman will be placed in classes based on the scores earned on their High School Placement Test.

Sophomores to Seniors

Placement will be initially determined based on the grade earned in Semester One (S1) of the previous Lake Catholic class in the sequence. Students narrowly missing the required grade threshold may request a secondary review. Students must obtain and submit a "Course Level Reevaluation Request Form" through their counselor. If the combined average of S1 and S2 meets the prerequisite requirement, the student's course request will be updated accordingly. (see chart below)

Class Level	Grade Required in Previous Class	Example
Regular to AP	A	A in Algebra II allows student to select AP Pre-Calculus
Honors to AP	A-	A- in Honors English 10 allows student to select AP English Language and Composition
Regular to Honors	A-	A- in Physical Science allows student to select between Regular or Honors Biology
AP to AP	B+	B+ in AP Pre-Calculus allows student to select AP Calculus
Honors to Honors	B+	B+ in Honors Physical Science allows student to select Honors or Regular Biology
AP to Honors	B	B in AP Language allows student to select Honors English 12
Any level to Regular	Any grade	The regular level of a course may always be selected

GRADUATION REQUIREMENTS

To graduate from Lake Catholic High School, students must earn a minimum of 25 credits distributed as follows:

Subject Area	Credits Required
Theology	4.0
English	4.0
World Language	2.0
Social Studies	3.0
Science	3.0
Mathematics	4.0
Physical Education	0.5
Health	0.5
Visual and/or Performing Arts	1.0
Financial Literacy	0.5
Electives – a course from any department that is not already fulfilling a core requirement	2.5
Total Credits	25.0

CREDITS EARNED PRIOR TO 9TH GRADE

Lake Catholic may grant academic credit for coursework completed prior to 9th grade, provided the curriculum aligns with high school-level standards and is verified by an official final transcript. However, the grade will not be calculated into their GPA.

GRADUATION CEREMONY PARTICIPATION REQUIREMENTS

To be eligible to participate in graduation exercises and receive a diploma from Lake Catholic High School, students must:

- Successfully meet all State of Ohio graduation requirements
- Complete all Theology requirements, including 50 hours of approved community service (see student handbook for more details)
- Successfully complete a Career Project as outlined by school administration

GRADUATION WITH HONORS

Ohio Academic Honors Diploma

Lake Catholic students are eligible for a diploma with honors as defined by the Ohio Department of Education if they meet all but one of the following criteria

- Earned four credits of Mathematics (Algebra 1, Geometry, Algebra 2, and one other higher-level course)
- Earned four credits of Science (Biology, Chemistry, and at least one additional advanced science)
- Earned four credits of Social Studies
- Earned either three credits of one world language or two credits each of two different languages
- Earned one credit of Visual and/Performing Arts
- Maintained an overall high school grade point average of at least 3.5 (based on a 4.0 unweighted scale)
- Earn 2 additional diploma seals not including the Honors Diploma Seal. Review seal details on the [Ohio Department of Education and Workforce](#) website.
- Scored a minimum of 27 on the ACT or 1280 on the SAT

Ohio Arts Academic Honors

Lake Catholic students are eligible for a diploma with honors as defined by the Ohio Department of Education if they meet all but one of the following criteria.

- Earned four credits of Mathematics (Algebra 1, Geometry, Algebra 2, and one other higher-level course)
- Earned three credits of Science (Biology, Chemistry, and at least one additional advanced science)
- Earned three credits of Social Studies
- Earned either three credits of one world language or two credits each of two different languages
- Earned four credits of Visual and/Performing Arts
- Earned two units of electives with a focus in fine arts coursework
- Maintained an overall high school grade point average of at least 3.5 (based on a 4.0 unweighted scale)
- Scored a minimum of 27 on the ACT or 1280 on the SAT
- Complete a field experience and document the experience in a portfolio specific to the area of focus
- Earn 2 additional diploma seals not including the Honors Diploma Seal. Review seal details on the [Ohio Department of Education and Workforce](#) website.
- Develop a comprehensive portfolio of work based on the student's field experience

Ohio STEM Honors Diploma

Lake Catholic students are eligible for a diploma with honors as defined by the Ohio Department of Education if they meet all but one of the following criteria.

- Earned five credits of Mathematics (Algebra 1, Geometry, Algebra 2, and one other higher-level course)
- Earned five credits of Science (including at least two units of advanced science)
- Earned three credits of Social Studies
- Earned either three credits of one world language or two credits each of two different languages
- Earned one credit of Visual and/Performing Arts
- Earned two units of electives with a focus in STEM
- Maintained an overall high school grade point average of at least 3.5 (based on a 4.0 unweighted scale)
- Scored a minimum of 27 on the ACT or 1280 on the SAT
- Complete a field experience and document the experience in a portfolio specific to the area of focus
- Develop a comprehensive portfolio of work based on the student's field experience
- Earn 2 additional diploma seals not including the Honors Diploma Seal. Review seal details on the [Ohio Department of Education and Workforce](#) website.

OTHER GUIDELINES

- Students may not have more than eight study halls per week.
- Students solely enrolled at Lake Catholic High school must be enrolled in seven or eight classes in the eight period day.
- Students enrolled in college courses for dual credit may be eligible to reduce the total number of classes per semester to six, however, they must be enrolled in at least three Lake Catholic courses.
- Yearlong courses taken as electives are still intended to be yearlong commitments. They cannot be started or dropped at the change of semester. There are very rare exceptions to this rule for students with extreme and noteworthy circumstances that must be approved by administration.

TRANSFER STUDENTS

Students transferring to Lake Catholic High School from other secondary schools are obligated to fulfill the Lake Catholic graduation requirements from the point of transfer through graduation. All decisions concerning discrepancies between the different schools' requirements will be made by the Lake Catholic administration. In general, years of participation in sports or clubs are not recognized.

RECOMMENDED COLLEGE PROGRAM

Specific college entrance course requirements vary from institution to institution, and some majors may have additional requirements. Be sure to check with College Guidance to see if the schools you are interested in have any specific recommendations or requirements.

For specific information about Advanced Placement credit and placement policies at various colleges and universities, visit www.collegeboard.org/apstudents .

Students planning to enroll in college as freshmen who wish to participate in Division I or Division II athletics must be certified by NCAA Initial-Eligibility Clearinghouse. Please see the list of courses that are approved by the NCAA Clearinghouse when making your course selections. The list of approved courses can be found online at eligibilitycenter.org.

ACADEMIC HONORS

Honor Roll status is recognized at the end of each academic quarter based on the following grade point averages:

First Honors	4.00 or higher
Second Honors	3.60 – 3.99
Third Honors	3.00 – 3.59

The honor of an academic letter is awarded to students who earn a 3.75 combined grade point average for quarter 1, 2, 3 and semester one midterm exams; additionally, students may not earn a D or F as a semester one grade. The first year this honor is achieved the student will receive a patch, each subsequent year the student will receive a pin.

Seniors who have earned the first, second, and third highest cumulative grade point averages across eight semesters at Lake Catholic High School will be recognized at graduation.

COLLEGE CREDIT PLUS

College Credit Plus (CCP) offers an opportunity for students who meet the requirements to earn both high school and college credits concurrently.

To qualify for CCP, Lake Catholic students will be required to complete the following steps of enrollment:

- Step 1: Parent/Guardian create an OH ID account at <http://ohid.ohio.gov>
- Step 2: Complete the college application online
- Step 3: Register for college placement test or submit ACT/SAT scores
- Step 4: Tell your counselor you applied and ask to have your transcript sent
- Step 5: Turn in your college acceptance letter to your Lake Catholic counselor
- Step 6: Complete and submit the intent to participate form and funding application with parent/guardian through OH ID account by April 1st (it is recommended that you request 30 credit hours)
- Step 7: Provide an award letter to your counselor with hours allotted by the ODE
- Step 8: Make an appointment to meet with a CCP Advisor at the college to select courses on campus or online
And/Or
- Step 9: Make an appointment to meet with your Lake Catholic counselor to select CCP courses at Lake Catholic

New CCP students will be required to complete their college's orientation process.

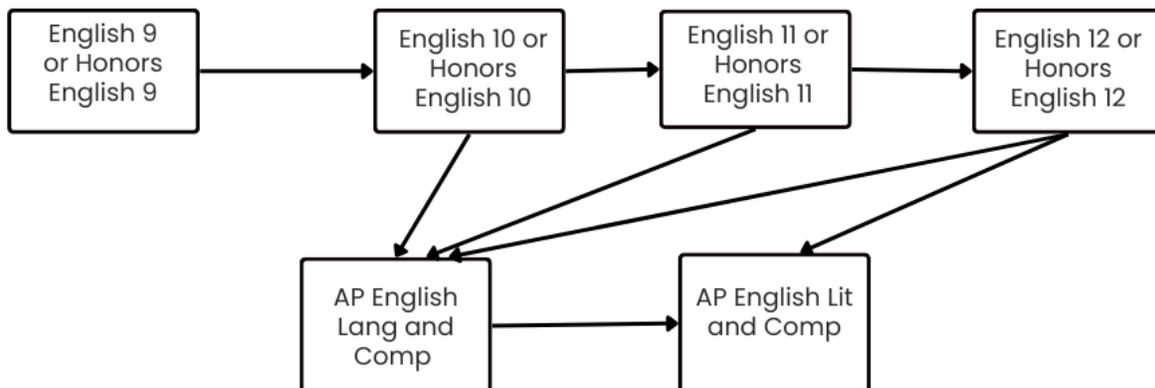
Students participating in the CCP program must be enrolled in a total of six classes with a minimum of at least three classes being taken at Lake Catholic High School.

Course Descriptions by Department

ENGLISH DEPARTMENT

English Sequencing

See chart on page 6 for details on necessary grades to move between levels.



Electives – These courses count as elective credit and may not substitute the above sequencing.

- Intro to Philo
- Mythology
- Creative Writing
- Yearbook

ENGLISH 9

Grade Level: 9

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will learn a variety of composing strategies as they write and revise essays. They will sharpen their skills in grammar, mechanics, and usage. They will continue to expand their vocabulary and develop their critical reading skills as they explore a variety of literature from the classics to the contemporary. Students will also work to polish other essential literacy skills such as public speaking, listening, note-taking, and basic research.

HONORS ENGLISH 9

Grade Level: 9 with HSPT placement

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

In this fast-paced course, students will begin to practice the critical analysis of literature. They will read and respond to multiple challenging texts from the classics to the contemporary. They will review essential reading strategies and cultivate higher-order reading and reasoning skills. They will also develop composition skills as they analyze a variety of literary genres. Students will expand their vocabulary and enhance important literacy skills such as public speaking, researching, and note-taking.

ENGLISH 10

Grade Level: 10 or HSPT placement

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will read works from authors around the world from the 5th through the 21st centuries. They will develop literary language skills to critically analyze and reflect on the central ideas and themes of texts. Students will engage with novels, short stories, plays, and essays. Students will have the opportunity to develop and strengthen their literary language skills through writing essays and finishing the year with a research paper & presentation. Students will also review vocabulary, grammar, writing mechanic skills, and develop their oral presentation skills.

HONORS ENGLISH 10

Grade Level: 10 or HSPT placement

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

In this accelerated course, students will read, discuss, analyze, and write about a variety of texts from world literature from the 5th through the 21st centuries. Students will practice literary analysis while developing their composition and critical thinking skills in complex essays along with their final research paper. Students will also review college-prep vocabulary, grammar, and writing mechanic skills, as well as develop elevated oral presentation skills.

ENGLISH 11

Grade Level: see sequencing chart

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will explore our national literature in its historical and cultural contexts. They will read and write about a variety of American literature, including novels, short stories, poems, plays and essays. They will continue to develop their composition and critical thinking skills as they write and revise more complex essays and a research paper. This will give students an opportunity to integrate their study of composition with American literature and important events in U.S. History. They will also review vocabulary, grammar, mechanics, and usage.

HONORS ENGLISH 11

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

In this rigorous course, students will explore our national literature in its historical and cultural contexts. They will read and write about a variety of challenging texts, including novels, short stories, poems, essays, and plays. They will continue to develop their composition and critical thinking skills as they write and revise more complex essays, a research paper, and essay exams. They will become more effective writers as they integrate their study of composition with American literature and important events in U.S. history. They will also review vocabulary, grammar, mechanics, and usage.

AP ENGLISH LANGUAGE AND COMPOSITION

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

In this college level course, students will study rhetoric (the art of persuasion). They will learn to perform in-depth analysis of texts quickly, develop a broad knowledge base of current and past issues, as well as a repertoire of techniques to convince others of their opinions. By practicing close reading, writing argumentative, analytical and synthesis essays and taking time-limited essay exams, students will be well prepared for not only the AP exam, but also for college and college admission tests. At the end of the course, students will take the AP exam to earn college credits or advanced placement in college English courses.

ENGLISH 12

Grade Level: see sequencing chart

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will read selected masterpieces of British literature from each of the major genres representing a variety of historical periods and diverse cultures. When they read and write about these novels, short stories, plays and poems, they will consider them in their historical and cultural contexts. Additional study of composition skills and expository writing will be required. Students will further develop their writer's voice in college preparatory assignments. Students will take a critical and analytical approach to all texts and written assignments.

HONORS ENGLISH 12

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

In this accelerated course, students will read, discuss, analyze, and write about a variety of texts from British literature from the 7th through the 20th centuries. The students will build upon previous grammar and composition skills to further develop their writing style and voice. They will continue to use MLA format and also explore the use and format of APA style. They will continue to develop their reading, writing, speaking, and critical thinking skills by making oral explanations of texts, presenting critical summaries of scholarly articles, writing essay exams, and composing longer themes about literature. Speaking skills will also be emphasized in oral presentations during the course of the year.

AP ENGLISH LITERATURE & COMPOSITION

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

In this college level course, students will study rhetoric (the art of persuasion). They will learn to perform in-depth analysis of texts quickly, develop a broad knowledge base of current and past issues, as well as a repertoire of techniques to convince others of their opinions. By practicing close reading, writing argumentative, analytical and synthesis essays and taking time-limited essay exams, students will be well prepared for not only the AP exam, but also for college and college admission tests. At the end of the course, students will take the AP exam to earn college credits or advanced placement in college English courses.

CREATIVE WRITING

Grade Level: 9-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

Students will experience the special satisfaction that comes from creative self-expression in writing. They will explore the creative writing process from brainstorming to proofreading their final draft. They will learn a variety of techniques for generating and expressing ideas as they explore various types of writing. During this course, students will write poems, short stories, a one-act play and a children's book. (This course is an elective. It may not be taken in lieu of English 9-12 or Honors English 9-12.)

INTRODUCTION TO CLASSICAL PHILOSOPHY

Grade Level: 11-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

This course will introduce students to the practice of philosophical thinking, as well as to the major themes and thinkers of philosophical history, including free will, the existence of God, the relationship between mind and body, the nature of morality, and questions concerning the meaning and purpose of existence. Three days out of the week will be devoted to lectures and presentation of new content, and the remaining two will be devoted to class discussion. (This course is an elective. It may not be taken in lieu of English 11 or 12 or Honors English 11 or 12.)

MYTHOLOGY

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will read and discuss a variety of classical myths. They will consider the relationships of myths to religion, philosophy, science, history, and literature. They will integrate their reading, writing, listening, and speaking skills as they read and respond to myths from around the world. To enrich their study of mythology, students will participate in a variety of individual and small group creative activities. (This course is an elective. It may not be taken in lieu of English 11 or 12 or Honors English 11 or 12.)

YEARBOOK

Grade Level: 9-12

Credit/Length: .5/Yearlong

Weight: NA

Periods Per Week: 2 in S1; 3 in S2

This class serves as an immersive environment for students to engage in the multifaceted process of creating The Torch - the Lake Catholic High School yearbook. Through collaborative efforts, participants develop skills in photography, graphic design, and journalism, fostering a comprehensive understanding of visual storytelling. The course emphasizes project management and teamwork, requiring students to adhere to deadlines while maintaining creative integrity. Ultimately, this class not only enhances technical abilities but also cultivates a sense of community among peers through shared experiences.

HEALTH & PHYSICAL EDUCATION DEPARTMENT

PHYSICAL EDUCATION I

Grade Level: 9-12

Credit/Length: .25/semester

Weight: NA

Periods Per Week: 5

Students will develop and improve basic skills in various team and individual activities. Emphasis is placed on understanding the importance of lifetime fitness. Students will explore principles of sportsmanship and display these attributes in all areas.

PHYSICAL EDUCATION II

Grade Level: 9-12

Credit/Length: .25/semester

Weight: NA

Periods Per Week: 5

Students will develop and improve basic skills in various team and individual activities. Emphasis is placed on understanding the importance of lifetime fitness. Students will explore principles of sportsmanship and display these attributes in all areas.

HEALTH

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will study aspects of physical, mental, and social health. They will learn the importance of balancing these components for optimal lifetime health. Decision-making skills are emphasized. Students will have many opportunities to discuss and analyze current health issues.

FOODS AND NUTRITION

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 4

This course is designed to teach students the foundational skills needed to explore the art and science of cooking. Throughout the semester, students will engage in hands-on learning experiences, covering essential techniques such as knife skills, measuring and mixing, food safety, and basic cooking methods like sautéing, baking, boiling, and frying. Students will also learn about nutrition, and meal planning, enabling them to make informed decisions when preparing meals. The course emphasizes creativity, teamwork, and practical applications, encouraging students to experiment with flavors and ingredients to create simple, healthy, and delicious dishes. By the end of the course, students will have developed confidence in the kitchen, gained an appreciation for different culinary cultures, and built a foundation for lifelong cooking skills.

COACHING 101

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will develop the leadership skills it takes to be a coach. This class is for the athlete and non-athlete alike, as we know the same skills that make a great coach on the playing field support great leaders in other contexts.

FALL STRENGTH AND CONDITIONING

Grade Level: 10-12

Credit/Length: .25/semester

Weight: NA

Periods Per Week: 2

Students will continue their study of anatomy as it applies to strength and conditioning. Students will deepen their understanding of how to maintain a healthy lifestyle or continue to develop as a student-athlete through deepening their experiential understanding of strength, nutrition, and anatomy. This course begins before school and runs after school, 7:15 and 3:45 respectively. This course may be repeated.

SPRING STRENGTH AND CONDITIONING

Grade Level: 10-12

Weight: NA

Credit/Length: .25/semester

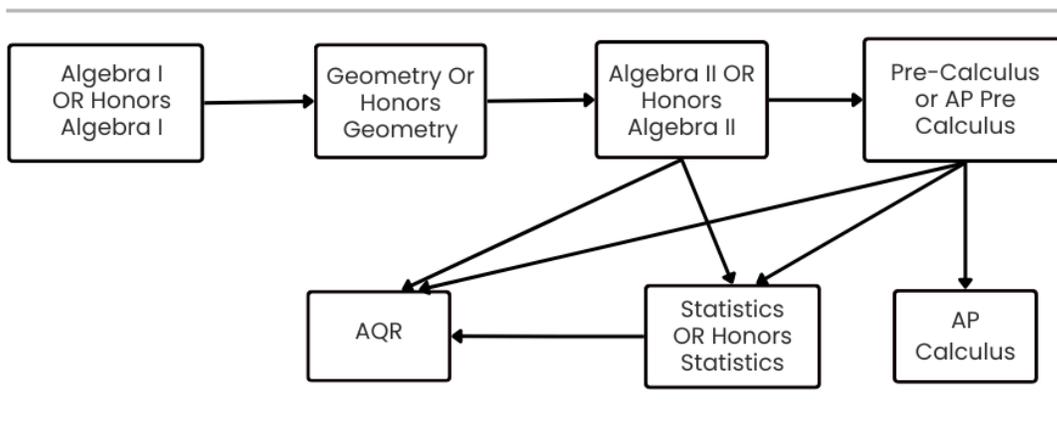
Periods Per Week: 2

Students will continue their study of anatomy as it applies to strength and conditioning. Students will deepen their understanding of how to maintain a healthy lifestyle or continue to develop as a student-athlete through deepening their experiential understanding of strength, nutrition, and anatomy. This course begins before school and runs after school, 7:15 and 3:45 respectively. This course may be repeated.

MATHEMATICS DEPARTMENT

Mathematics Sequencing

See chart on page 6 for details on necessary grades to move between levels.



Electives – These courses count as elective credit when not taken as part of the 4 primary credits. (Intro to Excel is always an elective)

- Statistics OR Honors Statistics
- AQR
- Intro to Spreadsheets

ALGEBRA I

Grade Level: 9

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will build an understanding of real numbers by using symbolic, graphic, and numeric representations as they solve equations and inequalities. Students will also work with scatter plots and functions to model two-variable data. In addition, students will learn how to write equivalent forms of polynomial, radical, and rational expressions and will begin to use geometric models with proportions, percent, and probability.

HONORS ALGEBRA I

Grade Level: 9 with HSPT
Credit/Length: 1/yearlong

Weight: NA
Periods Per Week: 5

Students will study linear and quadratic functions and inequalities, factoring techniques, radical equations and functions, exponential expressions, and graphing techniques. In addition, students will explore various methods used in solving numerous types of word problems. This course is weighted due to its accelerated pace and rigor. Students can expect to be exposed to a more challenging, academic environment.

GEOMETRY

Grade Level: see sequencing chart
Credit/Length: 1/yearlong

Weight: NA
Periods Per Week: 5

Students will explore the study of plane geometry. The process will begin with students analyzing undefined terms and will progress to include basic definitions, postulates, and theorems which show how this typical mathematical system develops. Concepts the students will learn include proofs, constructions, and theorems involving lines, triangles, quadrilaterals, and circles.

HONORS GEOMETRY

Grade Level: see sequencing chart
Credit/Length: 1/yearlong

Weight: +.5
Periods Per Week: 5

Students will learn the theorems, corollaries and postulates that encompass the study of plane geometry. They will analyze geometric figures and apply appropriate theorems. Students will also prepare and present to the class a field project involving the Pythagorean Theorem. This course is weighted due to its accelerated pace and rigor. Students can expect to be exposed to a more challenging, academic environment.

ALGEBRA II

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will continue to explore concepts introduced in Algebra I. They will have the opportunity to study deductive reasoning, problem-solving and more intricate concepts of Algebra. Students will develop pre-requisite skills to be used in College Algebra or Pre-calculus.

HONORS ALGEBRA II

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will continue to explore concepts presented in Honors Algebra I and develop problem solving and critical thinking skills. Polynomial functions, rational functions, exponential and logarithmic functions will be studied in depth and the trigonometric functions will be introduced. This course is weighted due to its accelerated pace and rigor. Students can expect to be exposed to a more challenging, academic environment.

ADVANCED QUANTITATIVE REASONING

Grade Level: 11-12, see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Advanced Quantitative Reasoning (AQR) is the application of mathematics to the analysis and interpretation of real-world quantitative information, either in the context of a single discipline or interdisciplinary problems. AQR is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices while reinforcing and extending content in number and quantity, algebra, functions, statistics, probability and geometry. The rigor of this course lies in the explanation and communication of mathematical concepts. It is a yearlong course taught using student-centered pedagogy.

PRE-CALCULUS

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will study relations, polynomial functions, exponential and logarithmic functions, and trigonometric functions, identities and equations in depth. They will be introduced to polar coordinates and conic sections.

AP PRE-CALCULUS

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

AP Pre-calculus fosters the development of a deep conceptual understanding of functions. Students learn that a function is a mathematical relation that maps a set of input values—the domain—to a set of output values—the range—such that each input value is uniquely mapped to an output value. Students understand functions and their graphs as embodying dynamic covariation of quantities, a key idea in preparing for calculus. With each function type, students develop and validate function models based on the characteristics of a bivariate data set, characteristics of covarying quantities and their relative rates of change, or a set of characteristics such as zeros, asymptotes, and extrema. These models are used to interpolate, extrapolate, and interpret information with different degrees of accuracy for a given context or data set. Additionally, students also learn that every model is subject to assumptions and limitations related to the context.

STATISTICS

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will have the opportunity to study elementary principles of statistics and probability, including frequency distributions and graphs, data descriptions, normal distributions, sampling concepts, correlations, and regressions.

HONORS STATISTICS

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will have the opportunity to study elementary principles of statistics and probability, including frequency distributions and graphs, data descriptions, normal distributions, sampling concepts, correlations, and regressions. Students will engage in projects that require application of the course content. This course is weighted due to its accelerated pace and rigor. Students can expect to be exposed to a more challenging, academic environment.

INTRODUCTION TO SPREADSHEETS

Grade Level: 11-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

This course will provide students with a solid understanding of how to use spreadsheets to create documents used by business professionals as well as a strong foundation of using spreadsheets in post high school business programs. This course is a hands-on class that will give students a comprehensive study of spreadsheets like Microsoft Excel and Google Sheets. Topics will range from basic applications to advanced features such as linking files and worksheets, creating charts, working with formulas and functions, and using data and pivot tables.

AP CALCULUS AB

Grade Level: see sequencing chart

Weight:+.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will have the opportunity to study functions and their behaviors from a more rigorous perspective. They will study concepts and applications of derivatives and integrals, including tangent lines, areas and volumes, maximum and minimum quantities, position, velocity, and acceleration.

PERFORMING ARTS DEPARTMENT

Note: Band members will perform as part of the Marching Band, and will follow a mandatory after-school practice schedule throughout the football season. All band members are required to attend Band Camp, which is held each year in late July or early August.

CONCERT BAND

Grade Level: 9-12

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Concert Band students will study and perform a wide variety of popular styles of instrumental music, and is open to all experienced brass, woodwind, percussion, and string bass players. Students will learn proper instrumental technique, tone development, and musical interpretation. Students will also gain a deeper understanding of written sheet music, and learn the importance of a good ensemble sound. The Concert Band will perform in three school concerts and at other special events. Students may repeat this course as the repertoire changes across years.

CONCERT CHOIR

Grade Level: 9-12

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Students study and perform a wide variety of musical styles including classical, modern, jazz, and Broadway. They are expected to show the highest level of commitment to the rehearsal process as they further develop vocal technique, aural, and sight-singing skills and learn music theory appropriate to their level. Members may be invited to join small ensembles to learn chamber music for solo and ensemble contests. The Choir performs at least five times a year. Students may repeat this course as the repertoire changes across years.

JAZZ BAND

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Jazz Band students will study and perform music rooted in the American tradition of Jazz, and is open to experienced brass, woodwind, percussion, string bass, guitar, and piano players. Jazz Band students will expand their musical vocabulary by learning more about popular musical styles like Big Band Swing, Latin Jazz, Rock and Roll, and Funk music. Jazz Band students will also learn the fundamentals of improvisation.

Enrollment in Jazz Band is limited based on instrumentation and musical ability, and candidates are accepted by way of auditioning with the director in the fall each year. The Jazz Band will perform in three school concerts, as well as other special events. Students may repeat this course as the repertoire changes across years.

INTRODUCTION TO GUITAR

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will gain basic knowledge about the guitar, the basic skills needed to play the guitar, and an understanding of how to read musical notation for the guitar. Students with no prior guitar experience will have the tools needed to play basic melodies, chords, and possibly continue their studies through private guitar lessons, if they choose.

INTRODUCTION TO PIANO

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will gain basic knowledge about the piano, the basic skills needed to play the piano, and an understanding of how to read musical notation for the piano. Students with no prior piano experience will have the tools needed to play basic melodies, bass lines, two-handed pieces, and possibly continue their studies through private lessons, if they choose.

INTRODUCTION TO THEATER

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

This course introduces students to theatrical concepts. Students practice through activities for exploration, learn staging basics and theatrical terms, and study the actor's tools of body and voice. Some highlights of the course are movement, vocal projection, working with a script, the creative process, and production responsibilities.

MUSIC THEORY: AN INTRODUCTION

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will develop a thorough foundation in the relationship between written musical notation and its sound. Focusing on melodic, rhythmic, harmonic, and formal analysis, students will begin their preparation for the study of music at a higher level as a performer, composer, or musicologist.

SURVEY OF CINEMA

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

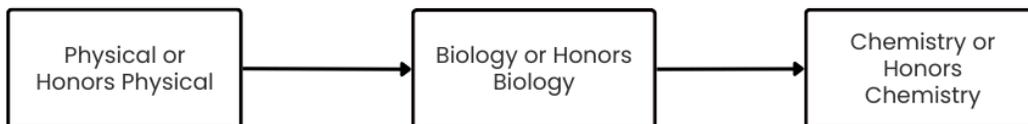
Periods Per Week: 5

Students will build a comprehension of the purpose of filmmaking. The value and function of early cinema has become diluted in our society today. Students will study selected films of substance to derive the possible intention, application and/or reflection of their concepts in our society today.

SCIENCE DEPARTMENT

Science Sequencing

See chart on page 6 for details on necessary grades to move between levels.



Electives – These courses count as elective credit and may not substitute the above sequencing. See chart on page 6 for details on necessary grades for movement between levels.

- Forensics – pre-req = Bio
- Geoscience – pre-req = Bio
- Hon Anatomy and Physiology – pre-req = Bio + Chem
- Human Biology – pre-req = Bio + Chem
- Physics – pre req = Alg II + Chem
- AP Physics – pre req = AP Pre-Calc + Hon Chem

PHYSICAL SCIENCE

Grade Level: 9

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Physical Science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical science encompasses the organized study of the physical world as it relates to fundamental concepts about matter, energy, and motion. Students will have an integrated understanding of phenomena in physical, living, Earth and space systems related to chemistry, physics, and Earth and space science.

HONORS PHYSICAL SCIENCE

Grade Level: 9 with HSPT
Credit/Length: 1/yearlong

Weight: +.5
Periods Per Week: 5

Honors Physical Science serves as a platform to introduce and develop scientific methodology vital for success in the advanced sciences. This course examines the development of the physical world with a solid foundation in physics, chemistry, and space science. These fundamental principles will be emphasized conceptually, algebraically, and through real-world application. This course will develop critical thinking skills and problem-solving abilities through inquiry-based labs and project-based learning.

BIOLOGY

Grade Level: see sequencing chart
Credit/Length: 1/yearlong

Weight: NA
Periods Per Week: 5

Biology is a course that revolves around understanding “life.” Through lectures and bi-weekly laboratory investigations, students are given the opportunity to discover not only the diversity that exists in various life forms, but also to develop an appreciation for the interdependence among living things. Topics covered include biochemistry of life, the cell and its modes of reproduction, ecology, classification of the various kingdoms, genetics and evolution.

HONORS BIOLOGY

Grade Level: see sequencing chart
Credit/Length: 1/yearlong

Weight: NA
Periods Per Week: 5

Honors Biology is a year-long course that delves into the many facets of “life.” Students will investigate topics focusing on cell biology, genetics, and biotechnology, along with ecology, evolution and ending with an in-depth study of the biological kingdoms. Critical thinking skills such as synthesis, analysis and reasoning are all emphasized throughout the year. Students participate in bi-weekly lab investigations where learning is put into action. Placement for this course is determined on student performance and teacher recommendation.

CHEMISTRY

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Chemistry is a full year comprehensive study of the structure and properties of matter. Emphasis is placed on periodic law, chemical formulas and compounds, stoichiometry, acid-base chemistry, solutions, and oxidation-reduction reactions. Topics are addressed through lectures, lab investigations and discussions. Through the lab experience, students become adept in utilizing equipment and developing their analytical skills, formulating their observations, both quantitative and qualitative, in written lab reports.

HONORS CHEMISTRY

Grade Level: see sequencing chart

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

Honors Chemistry is a full-year rigorous course dealing with the properties and structure of matter. Students will acquire a detailed understanding of atomic theory, nomenclature and chemical equations, stoichiometry, trends in the periodic table, kinetics, thermodynamics, and acid-base chemistry. Students will experience laboratory investigations allowing for the development of critical thinking skills, enhancement of problem-solving abilities, and experience in logically analyzing data. Placement is dependent on having had success in Honors Biology and Honors Algebra II.

FORENSIC SCIENCE

Grade Level: see sequencing chart

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Forensic Science is a hands-on, inquiry-based course dependent on critical thinking and designed to introduce students to the world of criminal investigations and the science behind solving crimes. Students will explore various forensic disciplines, including biology, chemistry, physics, and technology, as they learn how scientific techniques are applied to crime scene analysis. Topics will include fingerprinting, blood spatter analysis, DNA profiling, forensic toxicology, and crime scene photography. Through lab work, case studies, and interactive projects, students will gain skills in evidence collection, data analysis, and problem-solving, all while developing an understanding of the role forensic science plays in the justice system.

Course Disclaimer: It is important that you are comfortable with the sensitive nature of the content material and understand that at several points during our study of these topics you may encounter graphic images, videos, and illustrations in order to further your understanding of certain topics.

GEOSCIENCE

Grade Level: see sequencing chart

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

This course is designed to help students develop an understanding of Earth's place in the universe and dynamic earth processes that have shaped the planet over time. Topics will include the origin of the earth and its development through time, plate tectonics, earthquakes, natural resources, climate change, geologic structures such as faults and folds, erosion, human impact on the environment, properties of minerals and rocks, 3 major rock types, weathering and soil, mountain building, geologic time, and movement of water. Instructional strategies will also focus on making interdisciplinary connections within the natural sciences.

HONORS ANATOMY & PHYSIOLOGY

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Honors Anatomy and Physiology is a full-year lab course designed to study the human body and how its systems work. Topics covered in this college-level class are cells and tissues, integumentary system, skeletal, muscular, cardiovascular, nervous, and reproductive systems, respectively. Laboratory investigations and clinical applications serve to enhance the art of learning anatomy.

HUMAN BIOLOGY

Grade Level: see sequencing chart

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

This course introduces students to biological principles as they relate to the human organism. Emphasis is placed on the major systems of the human body including muscular and skeletal, circulation, nutrition and digestion, respiration, and nervous and hormonal control. This course includes the study of human diseases resulting from heredity, environment, or a malfunction of a normal system operation. Students prepared to enroll in any Med Tech or health and wellness program will benefit from taking this course. The information in this class is delivered through projects, lectures, student presentations, and guest speakers.

PHYSICS

Grade Level: see sequencing chart

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Physics is a branch of science that centers on discovering interrelationships that exist between matter, energy, and nature. This is a full-year course where scientific concepts are developed utilizing lectures, problem-solving, and laboratory experience. Physics topics include mechanics, electricity, magnetism, and motion. Students will further develop synthesis skills, analytical reasoning, and logical thinking as they experience physics theory and its practical applications. Placement is dependent on success in Algebra II and Chemistry.

AP PHYSICS I

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

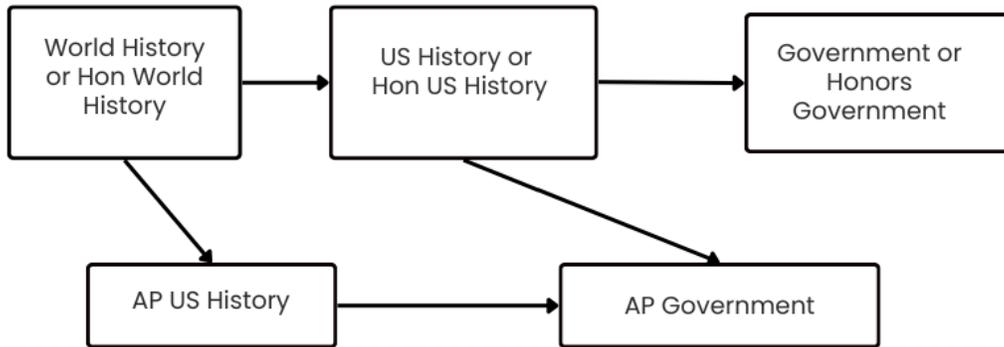
Periods Per Week: 5

This college-level course covers six mechanics content areas: kinematics, Newton's Laws of Motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, oscillations, and gravitation. This course will utilize guided inquiry to promote critical thinking skills.

SOCIAL STUDIES DEPARTMENT

Social Studies Sequencing

See chart on page 6 for details on necessary grades to move between levels.



Electives – These courses count as elective credit and may not substitute the above sequencing. All the below electives are for grades 11-12.

- African American History
- Criminology
- Mock Trial
- Psychology
- Sociology

MODERN WORLD HISTORY

Grade Level: 9

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

This course explores major world trends from the Age of Exploration through the Cold War. Students examine the rise of global empires, revolutions, industrialization, world wars, and shifting political ideologies, with a focus on how these developments shaped the modern world. Students will focus on note taking and reading analysis skills.

HONORS MODERN WORLD HISTORY

Grade Level: 9 with HSPT placement

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

This course explores major world events and trends from the Age of Exploration through the Cold War. Students examine the rise of global empires, revolutions, industrialization, world wars, and shifting political ideologies, with a focus on how these developments shaped the modern world. Students will take an in-depth and analytical look at the history, politics, economics, and geography of the world. Unique independent study and outside of class work will be required.

MODERN UNITED STATES HISTORY

Grade Level: see sequencing chart

Weight: NA

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will examine events from 1877 through the present day. Major political, economic, and social trends in America will be studied as well as America's relations with the world.

HONORS MODERN UNITED STATES HISTORY

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will focus on interpreting events from 1877 through the present day. Students will use the analytic skills and the factual knowledge necessary to deal with the problems resulting from those events.

AP UNITED STATES HISTORY

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will examine major themes in United States history from colonial times through the present day. Students will actively participate in discussions and complete a project each quarter. Extensive independent study is required.

UNITED STATES GOVERNMENT

Grade Level: see sequencing chart

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

Students will become familiar with American political institutions. Facts covered include the Constitution, branches of government, foreign policy and relations, state government and local government.

HONORS UNITED STATES GOVERNMENT

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: .5/semester

Periods Per Week: 5

This course will focus on all aspects of government including the philosophies and events that helped shape the U.S. Constitution. Students will gain a working knowledge of federal, state and local government in principle and in practice as we analyze the nuances of the political spectrum. Also, expect to understand the unique role of the U.S. legal system while building the skills to be an engaged global citizen.

AP UNITED STATES GOVERNMENT AND POLITICS

Grade Level: see sequencing chart

Weight: +.5

Credit/Length: 1/yearlong

Periods Per Week: 5

Students will examine major themes in American Government including the Constitution, political institutions, and state and local governments. Emphasis on the foundational documents and essential Supreme Court cases. Extensive independent study is required.

AFRICAN AMERICAN HISTORY

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

This course will examine key political, economic, and social events in American history from approximately 1600 through present day. Highlights include key events such as slavery in the United States, the abolitionist movement, the African-American experience in America's wars such as the Civil War, World War II and Vietnam, the Harlem Renaissance, the Civil Rights Movement, modern day challenges and social movements, and more. Students will examine the African-American experience through analysis of a variety of primary and secondary source readings, music, literature, art, and film that highlight these pivotal moments and experiences that shaped history.

CRIMINOLOGY

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will study the nature of crime and criminal behavior in contemporary society by examining its causes, effects, and prevention.

PSYCHOLOGY

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Students will learn about the theory and practical applications of psychology through the science and study of individual differences. From Freud to Rogers, students will study how this social science has become an integral part of understanding modern man.

SOCIOLOGY

Grade Level: 11-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Sociology is the behavioral science that studies human society and social behavior. The focus of sociology is on how people interact and influence each other and therefore focuses on the group rather than the individual.

HONORS MOCK TRIAL

Grade Level: 9-12

Credit/Length: .5/semester

Weight: +.5

Periods Per Week: 5

Students learn first-hand about the law, court procedures, and the judicial system while also building critical 21st-century skills. Participating in Ohio Mock Trial offers an innovative approach to learning about law and how our legal system functions. Guided by teachers and volunteer legal advisors, students participate in an original, unscripted simulated trial created by the Ohio Center for Law Related Education. Students will improve critical thinking, reading, writing, public speaking, listening skills, develop an understanding and appreciation for the law, court procedures and the judicial system, and understand constitutional rights, and responsibilities. The course culminates with the opportunity to participate in the Ohio Mock Trial competition in January.

TECHNOLOGY & INNOVATION DEPARTMENT

INTRODUCTION TO CODING

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

This class will cover introductory topics related to coding. Through a project-oriented approach, students will explore a variety of coding systems and concepts that encompass computer programming. By collaborating in a hands-on environment, students will learn problem solving, software design, debugging strategies, and the foundations of computer science (data structures, procedures, and algorithms).

INTRODUCTION TO CYBERSECURITY

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Today's interconnected world makes everyone more susceptible to cyber-attacks. Introduction to Cybersecurity explores cyber trends and threats—along with the broader topic of cybersecurity in a way that will matter to YOU. You'll learn how to protect your personal privacy online while gaining additional insight into the challenges companies, governmental agencies and educational institutions face today.

INTRODUCTION TO ARTIFICIAL INTELLIGENCE

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

This course will introduce students to the possibilities of artificial intelligence (AI). Students will learn methods for using AI responsibly while retaining your voice. Students will develop the necessary skills to decipher the content of AI, experimenting with the ranges from extreme hallucinations to partnered product between human and machine. Students will trick and test AI; they will leave this introductory course with the ability to productively input content and develop material across the semester.

INTRODUCTION TO DIGITAL APPLICATION AND WEB DESIGN

Grade Level: 9-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

This class teaches the skills necessary to design and develop websites. You will learn to use professional design and development tools as well as how to code websites from the ground up.

THEOLOGY DEPARTMENT

Theology Sequencing

See chart on page 6 for details on necessary grades to move between levels.

<p>9th grade:</p> <ul style="list-style-type: none">• The Revelation of Jesus• Who is Jesus? <p>10th grade:</p> <ul style="list-style-type: none">• The Mission of Jesus• Jesus Christ's Mission <p>11th grade</p> <ul style="list-style-type: none">• Sacraments as Privileged Encounters• Life in Jesus Christ	<p>12th grade:</p> <p>Semester One:</p> <ul style="list-style-type: none">• Living as a Disciple <p>Semester Two (select one, the other can be taken as an elective):</p> <ul style="list-style-type: none">• Ecumenical and Interreligious Issues• Vocations	<p>Electives:</p> <ul style="list-style-type: none">• Ecumenical and Interreligious Issues (grade 12)• Vocations (grade 12)• Sports and Spirituality (grades 10-12)• Christian Leadership: Theory (grade 11/12 sem 2)• Christian Leadership: Practicum (grade 12, pre-req theory, sem 1)
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THE REVELATION OF JESUS CHRIST IN THE SCRIPTURE

Grade Level: 9

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In this course, they will learn about the Bible authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

WHO IS JESUS?

Grade Level: 9

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand Jesus Christ is the ultimate Revelation to us from God. In learning about who he is, the students will also learn who he calls them to be.

THE MISSION OF JESUS CHRIST (THE PASCHAL MYSTERY)

Grade Level: 10

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in the redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple means.

JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH

Grade Level: 10

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained through the Holy Spirit. The students will come to know that they are the living Body of Christ, the Church, called to live out Jesus' mission and engage in the world.

SACRAMENTS AS PRIVILEGED ENCOUNTERS WITH JESUS CHRIST

Grade Level: 11

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail to learn how they may encounter Christ throughout life.

LIFE IN JESUS CHRIST

Grade Level: 11

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

The purpose of this course is to help students understand that it is through Christ that they can fully live out God's plan for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY

Grade Level: 12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

The purpose of this course is to introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy is present in the Church's social teaching and mission.

ECUMENICAL AND INTERRELIGIOUS ISSUES

Grade Level: 12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

The purpose of this course is to help students understand the way the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, the course is intended to help students to recognize ways in which important spiritual truths can also be found in non-Christian churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them recognize the ways in which other systems of belief and practice differ from the Catholic faith.

VOCATIONS

Grade Level: 12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Through an investigation of single, religious, vowed, and married vocations that are espoused by Christian faith and Church teachings, students will begin to understand that these are the means by which we carry out Christ's mandate to love in service to the Christian community for the building of the Kingdom of God on earth.

SPORTS AND SPIRITUALITY

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

The purpose of this course is to help students understand the way the Catholic Church Students in this semester-long course explore spirituality through the analogy of sports. Students will determine how human beings encounter the Holy Spirit in the midst of everyday life with emphasis on athletic experiences as an athlete and/or as a fan (of specific athletes, teams, and/or sporting events). Students will also examine the relationship between competitive, organized athletics and elements of community religious practice and purpose. Included is a study of the purpose of movement through the human body, an analysis of how rituals help to shape us, a survey of major events where sports and religious practice meet, and a look at the differences between religious practice and personal spirituality. Ultimately, students will come to know more deeply the ways in which one relates to God the Father, God the Son and God the Holy Spirit in the course of their own faith journey, and how personal faith contributes to communal practice and celebration of God in faith.

CHRISTIAN LEADERSHIP: THEORY

Grade Level: 11-12

Credit/Length: .5/yearlong

Weight: NA

Periods Per Week: 5

This course focuses on the theological foundation of evangelization, discipleship, prayer, leadership, vocation and ministry. This course lays the foundation for serving as a Campus Ministry leader, and, optionally, continues into Semester One of senior year, where students put the truths and foundations into action planning events, prayer services, liturgies, retreats, etc. for the school. Taking this class requires a commitment to a retreat over the summer.

This class is highly encouraged for students wishing to serve as a Kairos retreat leader, Extraordinary minister of Holy Communion and underclassmen retreat leader. By signing up for this class you are committing to serving as a leader of high character and integrity, respecting others, and model service.

CHRISTIAN LEADERSHIP: PRACTICUM

Grade Level: 12

Credit/Length: .5/semester 2

Weight: NA

Periods Per Week: 5

This course focuses on planning and executing Campus Ministry events for the Lake Catholic community. Class members will participate in retreats and other opportunities to grow in their own faith over the course of the year. They will study what it means to be a Christian leader and Missionary Disciple. Students will reflect on how God is calling them and how they can answer that call in their life. This course will also require commitment to a summer retreat and one afternoon meeting before the end of the current school year.

VISUAL ARTS DEPARTMENT

Visual Arts Sequencing

See chart on page 6 for details on necessary grades to move between levels.

9th grade offerings:

- Art Foundations
- Drawing
- Painting
- 3D-Art
- Contemporary Art
- Adv Drawing – pre-req: drawing
- Adv Painting – pre-req: painting

10th grade offerings:

- Art Foundations
- Drawing
- Painting
- 3D-Art
- Adv Drawing – pre-req: draw
- Adv Painting – pre-req: paint
- Dig Photo
- Adv Dig Photo – pre-req: photo
- Pottery
- Adv Pottery – pre-req: pottery
- Digital Art and Design
- Pre-AP pre-req: 1 sem of art

11-12th grade offerings:

- Art Foundations
- Drawing
- Painting
- 3D-Art
- Adv Drawing – pre-req: draw
- Adv Painting – pre-req: paint
- Dig Photo
- Adv Dig Photo – pre-req: photo
- Pottery
- Adv Pottery – pre-req: pottery
- Digital Art and Design
- Pre-AP
- AP Drawing – pre-req: 2 sems of art
- AP 2D – pre-req: 2 sems of art
- AP 3D – pre-req: 2 sems of 3D, pottery, or adv pottery
- Senior Studio I (12th only)
- Senior Studio II (12th only)

3D ART

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Do you love to explore a variety of art media? 3D Art introduces and gives you opportunities to create art forms in a wide variety of three-dimensional art media including wire, plaster, clay, glass, found objects, and mixed media while learning safety procedures and technical skills necessary for working with these materials. Students practice translating two-dimensional designs into three-dimensional artwork. Students will explore various artists, analyze, and critique artworks, discuss aesthetic issues, and understand how art is related to history and culture. A strong emphasis will be placed on craftsmanship, design, and form. This course can provide students with the foundational skills required for AP 3-D Art and Design.

ART FOUNDATIONS

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Calling all artistic makers, creative and critical thinkers, and those who simply appreciate the arts – this class is for you! The course focuses on helping students learn to think like artists and develop a fundamental understanding of the Elements of Art and the Principles of Design through both studying and creating works of art. This exciting year-long class is designed for all artistic skill levels. Students will create original artwork inspired by observation and imagination, they will express themselves through the themes of still life, landscape, and portrait. They will use drawing, painting, clay, printmaking, and sculpture, to create two- and three-dimensional artworks. Students will analyze and critique artworks, discuss aesthetic issues, and understand how art is related to history and culture.

CONTEMPORARY ART

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Do you want to explore the art of today and find your artistic voice? Artists of today are bold and dynamic. Think of Kusama and her polka dots or Derek Hess (Cleveland native) and his band posters. Contemporary artists work in a globally influenced and culturally diverse world. Their art is a dynamic combination of materials, methods, concepts, and subjects that continue to challenge boundaries. The student in this course will create artwork that is part of a cultural dialogue that concerns larger contextual frameworks such as personal and cultural identity, family, community, and nationality. The students will be challenged to be creative as they explore various art methods and techniques such as drawing, painting, printmaking, sculpting, and crafting.

DRAWING

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Do you like to draw? Do you find yourself doodling with any material you have nearby? Drawing is a way to. This course is open to all students who are interested in drawing from both observation and imagination. The students will work with a variety of drawing materials, such as graphite, charcoal, colored pencils, and pastels. Some subject matter includes portraits, landscapes, animals, plants, and still-life. This course will prepare students to go on to Advanced Drawing, and later, AP Studio Art: Drawing.

ADVANCED DRAWING

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Engage your creative mind! When you make art, you're making a series of decisions — what kind of drawing utensil to use, what color, and how to translate what you're seeing onto the paper. And ultimately, interpreting the images — figuring out what it means. In this course, the students will expand upon the knowledge they have learned in Drawing and explore new ideas for creativity. New mediums such as watercolor pencils, pastel pencils, and colored inks will be used. The students will use creative problem-solving skills to approach observational drawing and advanced design concepts. The students can use this course as a stepping stone to build their portfolio and/or prepare for either AP Studio Art: Drawing or AP Studio Art: 2-D Art and Design.

PAINTING

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Are you an aspiring artist? Vincent Van Gogh said, "If you hear a voice within you say, 'You cannot paint,' then by all means paint, and that voice will be silenced." Painting is a skill. The more you do, the better you get. The students will be working with a variety of different paint mediums and will develop their understanding of color theory. They will explore different subjects such as landscapes, flowers, and animals as well as work within different painting styles. The students will use their creativity and imagination to create original, one-of-a-kind artworks. This course will prepare students to go on to Advanced Painting and later on, AP Studio Art: Drawing or AP Studio Art: 2D Art and Design.

ADVANCED PAINTING

Grade Level: 9-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Take your painting skills to the next level! Unlock your creativity and stimulate your mind. The students will expand their knowledge of painting through creative problem-solving skills in the mediums of tempera, acrylic, and watercolor and explore new techniques through the use of watercolor pencils and inks. Advanced Painting builds upon the foundation skills of Painting with an added emphasis on personal expression and self-discovery through subject matter such as self-portraits, design. The students can use this course as a stepping stone to build their portfolio and/or prepare for either AP Studio Art: Drawing or AP Studio Art: 2-D Art and Design.

DIGITAL PHOTOGRAPHY & DESIGN

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Today everyone with a smartphone camera can snap a picture. Ansel Adams said, "You don't take a photograph, you make it." Learn how to make your images stand out and what it means to be a photographer. Basic photographic skills will be introduced to you in challenging and engaging assignments that allow you to explore the technical, conceptual, and historical components of photography and how it applies to art and our world today. Based mainly in digital photography, this course will allow you to take your photos in and outside of class. The studio structure of this course allows time for refinement and individual feedback along with artistic choice to create outstanding imagery. Students will build a web-based portfolio of their daily work throughout the semester. NOTE: Smartphone or digital camera is required.

ADVANCED DIGITAL PHOTOGRAPHY & DESIGN

Grade Level: 10-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

A picture shows something. A photograph tells a story. Challenging and engaging assignments will allow you to explore advanced photographic concepts and techniques using a Canon Rebel-T7 DSLR camera to create work that shows personal expression and creative development. Students will have the opportunity to work with the latest Adobe Photoshop techniques to create meaningful, artistic images. By exploring photographic and digital media with the camera and computer, students will be able to develop a body of work that reflects a range of ideations and develops versatility with techniques and demonstrates their abilities. The studio structure of this course will allow students time for refinement of work and ideas along with the individual feedback needed to create great images. Students can use this course as a stepping stone to build their portfolios and/or prepare them for AP 2-D Art and Design.

POTTERY

Grade Level: 10-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

Do you like to work with your hands? As a kid, did you play in the sand or work with Play-Doh? Clay is a unique art medium because it asks to be poked, prodded, rolled, and molded and students find great satisfaction in it. In this course, the students will understand the stages of clay and the building properties of clay through hand-building using pinch, coil, and slab building methods, in addition to learning to throw on the potter's wheel. The students will also learn methods of surface design through incised, applique, and stamping techniques. The study of other cultures and periods will be used to understand the history of clay building. Color theory and glaze application will be applied using high gloss kiln-fired glazes.

ADVANCED POTTERY

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Creativity takes courage! Take your clay skills to the next level. In this course, the students will further develop the skills that were established in Pottery. The students will complete more advanced assignments using hand-building techniques and thrown forms. Further surface design techniques will also be explored. The study of other cultures and both historical and contemporary periods will give the students a well-rounded understanding of how clay pieces are used for functional purposes. The students are expected to complete work that has excellent form design, creativity, and craftsmanship. The students can use this course as a stepping stone to build their portfolio and/or prepare for Studio Art: 3-D Art and Design.

DIGITAL ART AND DESIGN

Grade Level: 10-12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Digital Art and Design introduces students to creative problem-solving through graphic design, digital painting, illustration, and animation or video. Students will use MacBook computers and a variety of digital art and design software to create original work while learning fundamental design principles and digital workflows. Through engaging projects and studio-based instruction, students will develop technical skills, visual storytelling, and personal expression. This course supports portfolio development and prepares students for advanced art courses, including AP 2-D Art and Design.

PRE-AP ART

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

This course enables highly motivated students to explore the goal of art as a career option. Emphasis is placed on the production of quality pieces of artwork showing a variety of art mediums and subject matter. Students may take this course as a semester for .5 credit which would be called Portfolio. It is the expectation that students have strong drawing skills and a work ethic which embraces working on projects both in class and out of class. This course provides students the opportunity to begin to prepare their portfolio for study at the college level. All students are expected to assemble and submit a Breadth Portfolio. Successful completion of this course will prepare students to enroll in AP: Studio Art.

AP 2D ART AND DESIGN

Grade Level: 11-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

AP 2D is a full year class in which the art student is preparing work to be evaluated for college credit. The student will experiment, plan, and make multiple works of art and design that explore a personally meaningful theme, idea, or concept. The 2D portfolio concentrates on works demonstrating the understanding of two-dimensional design on concept, composition, and execution. In this portfolio, digital art and photography may be included. There are two required aspects of the portfolio: Selected Works (5 quality pieces) and Sustained Investigation. The AP student must be willing to complete the artwork on their own time and commit to the rigor and time restraints of the course.

AP 3D ART AND DESIGN

Grade Level: 11-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

AP 3D is a full-year class in which the art student is preparing work to be evaluated for college credit. The student will experiment, plan, and make multiple works of art and design that explore a personally meaningful theme, idea, or concept. The 3D portfolio includes work that exhibits the synthesis of 3D form, technique, and content. There are two required aspects of the portfolio: Selected Works (5 quality pieces) and Sustained Investigation. The AP student must be willing to complete the artwork on their own time and commit to the rigor and time restraints of the course.

AP DRAWING

Grade Level: 11-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

AP Drawing is a full-year class in which the art student is preparing work to be evaluated for college credit. The student will experiment, plan, and make multiple works of art and design that explore a personally meaningful theme, idea, or concept. The Drawing portfolio concentrates on mark making and should include pencil, colored pencil, ink and pastel as a basis of skill understanding. There are two required aspects of the portfolio: Selected Works (5 quality pieces) and Sustained Investigation. The AP student must be willing to complete artwork on their own time and commit to the rigor and time restraints of the course.

SENIOR STUDIO I

Grade Level: 12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Imagine a course where anything is possible. Senior Studio is a course for the individual who wants to work independently on subject matter that he/she wants to explore. This can be working larger on canvas, wood burning, printmaking, sculpture, throwing on the wheel, etc. The student chooses the process, and the art teacher facilitates the project. This course embraces the individual student's interest in art and encourages the student to try something new. It is expected that students have a strong work ethic and understanding of art elements and principles of design.

SENIOR STUDIO II

Grade Level: 12

Credit/Length: .5/semester

Weight: NA

Periods Per Week: 5

Creativity thrives on independent thinking. This course is for continued independent study. During this class, the students will visualize and hypothesize to generate plans for ideas and directions to expand their art knowledge and skills. This course embraces the individual student's interest in art and encourages the student to try something new. It is expected that students have a strong work ethic and understanding of art elements and principles of design.

WORLD LANGUAGES DEPARTMENT

ITALIAN I

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will be introduced to the Italian language with emphasis on grammar structures. Listening exercises will be introduced and students will develop speaking skills in Italian through conversation and answering questions. Students will read about Italian culture.

ITALIAN II

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will be engaged in further development of Italian I skills with increased attention to reading, writing, and grammar. Vocabulary will be useful and practical so students may apply it to everyday conversation.

ITALIAN III

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will further develop their reading, writing, speaking and grammatical skills through topics such as the life and people of Italy, short stories, literature, culture, current events, and projects. Speaking through everyday conversation will also be emphasized.

SPANISH I

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will be introduced to the Spanish language and will develop speaking, reading, writing, and listening skills. Students will read about and discuss the people and the culture of Spanish speaking countries.

HONORS SPANISH I

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

Students will be introduced to the Spanish language and will develop speaking, reading, writing, and listening skills at an accelerated pace. Students will read about and discuss the people and the culture of Spanish speaking countries.

SPANISH II

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will be engaged in further development of Spanish I skills with increased attention to expanding vocabulary and introducing new grammar concepts as well as improving communication skills in real life contexts. Students will continue to read about and discuss the people and the culture of Spanish speaking countries.

HONORS SPANISH II

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

Students will be engaged in further development of Spanish I skills with increased attention to expanding vocabulary and introducing new grammar concepts as well as improving communication skills in real life contexts at an accelerated pace. Students will continue to read about and discuss the people and the culture of Spanish speaking countries.

SPANISH III

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will be engaged in further development of Spanish I and II skills with increased attention to achieving greater comprehension and improving communication skills in real life contexts. Students will continue to read about and discuss the people and culture of Spanish speaking countries through short stories, literature, and current events.

HONORS SPANISH III

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

Students will be engaged in further development of Spanish I and II skills with increased attention to achieving greater comprehension and improving communication skills in real life contexts at an accelerated pace. Students will continue to read about and discuss the people and culture of Spanish speaking countries through short stories, literature, and current events.

HONORS SPANISH IV

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: +.5

Periods Per Week: 5

Students will be engaged in further development of Spanish I, Spanish II and Spanish III skills. Students will continue to read about and discuss the people and culture of Spanish speaking countries, focusing on the people and culture of Spain. Students will read authentic texts and engage in more complex conversations.

LATIN I

Grade Level: 9-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will acquire an introductory vocabulary of about 200 high frequency terms as well as basic grammatical concepts of Latin through a narrative approach of a family living in the city of Rome in the first century. The curriculum is fully aligned with the National Latin Exam (NLE) 2025–2026 syllabus for the Introduction to Latin Exam and includes: thematic vocabulary, oral Latin, English derivatives and popular expressions, topical areas of interest such as: life at home in a Roman villa, at church, and at school. We explore Roman foundation myths, Roman numerals, and Latin in contemporary use. Students who qualify will sit the NLE Introduction to Latin Exam at the end of the third quarter.

LATIN II

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will acquire more of the most frequent words in Latin and will build on the foundation of Latin grammar that continues to unfold in full alignment with the National Latin Exam (NLE) 2025–2026 syllabus for the Beginning Latin Exam. Both language and cultural concepts become more nuanced at this level. Students who qualify will sit the NLE Beginning Latin Exam at the end of the third quarter.

LATIN III

Grade Level: 10-12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will continue to acquire vocabulary and more advanced grammar, as well as begin to read and translate authentic, unabridged Latin texts. The learning progression continues to track with the National Latin Exam (NLE) 2024–2025 syllabus for the Intermediate Reading Comprehension Exam. Both grammatical and cultural concepts are more advanced at this level. Augustine’s story reflects this as the details of his conversion and episcopal ministry form the narrative. Students are introduced to Augustine’s major works, letters, and sermons. Students who qualify will sit the NLE Intermediate Reading Comprehension Latin Exam at the end of the third quarter.

LATIN IV

Grade Level: 12

Credit/Length: 1/yearlong

Weight: NA

Periods Per Week: 5

Students will engage in extensive reading, translation, and interpretation of directed readings, which are selected to illustrate and reinforce the National Latin Exam (NLE) 2025–2026 syllabus for the Advanced Latin Reading Comprehension exam. Both linguistic and cultural concepts are rather advanced at this level, with an emphasis on individual authors as well as core concepts of Latin poetry (meter and devices). Students will sit the NLE Intermediate Reading Comprehension Latin Exam at the end of the third quarter.

OTHER REQUIRED COURSES FOR GRADUATION

NOTE: *Students must take at least one of the following courses in order to meet graduation requirements.*

FINANCIAL LITERACY

Grade Level: 11-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

Students will analyze fundamental economic theories, such as supply and demand, and learn about the interdependent roles of producers and consumers in the global marketplace. They will learn how to manage their monetary affairs by studying topics including credit, banking, insurance, and income taxes. This course will require a Cardinal Credit Union account with debit card access.

FINANCIAL ALGEBRA

Grade Level: 11-12

Weight: NA

Credit/Length: .5/semester

Periods Per Week: 5

Financial Algebra focuses on real-world financial literacy, personal finance, and business subjects. Students apply what they learned in Algebra 1 and Geometry to topics including personal income, taxes, checking and savings accounts, credit, loans and payments, car leasing and purchasing, home mortgages, stocks, insurance, and retirement planning. Students then extend their investigations using more advanced mathematics, such as systems of equations (when studying cost and profit issues) and exponential functions (when calculating interest problems).