



NORTHWEST OHIO CLASSICAL ACADEMY

High School Course Catalog

2021-2022

5025 Glendale Ave. | Toledo, OH 43614

567.420.6180 | [NOCA Website](#)



I will learn the true. I will do the good.

I will love the beautiful.

Table of Contents

Mission Statement & Core Virtues.....	3
Graduation Requirements (Coursework & Testing)	4
Graduation Requirements (Seals)	5
Graduation Requirements (Thesis).....	6
Schedule, Grading Scale and Course Weighting	7
College Credit Plus (CCP) & Credit Flex.....	8
Paths to Physical Education Credit.....	9
Four-Year Academic Plan.....	10
Progression of Core Courses.....	11
Course Descriptions by Grade Level	
Grade 9.....	12-16
Grade 10.....	17-20
Grade 11.....	21-24
Grade 12.....	25-28
Course Descriptions by Subject Area	
Literature.....	29
Mathematics.....	30
History.....	30
Economics & Government.....	30
Science.....	30
Classical & Modern Language.....	30-31
Composition & Rhetoric.....	31
Philosophy.....	31
Health & Physical Education.....	31
Electives.....	32
College & Career Counseling /Planning Tasks.....	33

Mission Statement

The mission of Northwest Ohio Classical Academy is to train the minds and improve the hearts of young people through a rigorous, content-rich classical curriculum in the liberal arts and sciences, one that produces thoughtful leaders and virtuous citizens.

Core Virtues

Courage

Remain steadfast when you are afraid. Practice perseverance when the work is difficult.

Moderation

Practice patience and self-control. Think before you speak. Keep your temper under control.

Justice

Follow the rules. Help others, and treat them fairly and with respect.

Responsibility

Take pride in your work and your duties. Hold yourself accountable even when others do not.

Friendship

Be kind and generous. Learn how to get along well with others.

Prudence

Deliberate before you act. Practice good judgment.

Wisdom

Cultivate a thirst for knowledge about the most important things.

Graduation Requirements

Students in the state of Ohio are required to complete the following components in order to receive a high school diploma.

Coursework (Basic) + Testing (Competency) + Seals (Readiness)

State of Ohio Coursework (Basic)

English/Literature	4 credits
Math	4 credits
Science	3 credits
Social Studies	3 credits
Physical Education	.50 credit
Health	.50 credit
Electives	5 credits
(Must take Fine Arts and Financial Literacy as Electives)	
Total	20 credits

Northwest Ohio Classical Academy Coursework (Basic)

English/Literature	4 credits
Math	4 credits
Science	4 credits
History/Social Studies	4 credits
Economics (Financial Literacy)	.50 credit
Government	1.0 credit
Physical Education	.50 credit
Health	.50 credit
Classical or Modern Language	3 credits
Composition & Rhetoric	1.0 credit
Philosophy	1.5 credits
Electives	3.5 credits
Total	27.50 credits

Testing (Competency)

End of Course Exams Required to be Administered

- Algebra I
- English II

(minimum passing score of 684 needed in order to graduate)

- Biology
- U.S. History
- Geometry
- American Government

(no minimum passing score needed in order to graduate)

Seals (Readiness)



Service Seal

Requirements:

24 hours x 4 years = 96
Community Service Hours



Ohio Means Jobs Seal

15 demonstrated career readiness characteristics verified by three mentors in two environments



College Readiness Seal

College entrance exam remediation-free scores on one of the following tests:

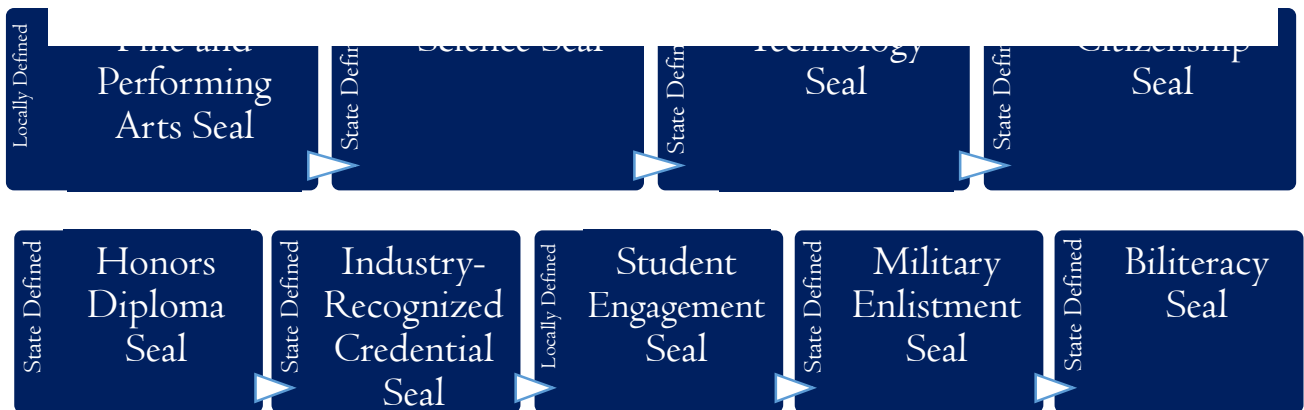
ACT		SAT
18	English	480
22	Math	530
22	Reading	480

Students must earn TWO seals (one that is *locally* defined and one that is *state* defined). Northwest Ohio Classical Academy has identified pathways to graduation for three seals. Students may work toward earning the other seals. However, Northwest Ohio Classical Academy recommends the following:

Service Seal + Ohio Means Jobs Seal

Or

Service Seal + College Readiness Seal



Senior Thesis

Seniors at NOCA will have the opportunity to author a **senior thesis** paper ranging from 7-10 pages on a topic of their choice. Students must defend their paper in front of a panel of advisors as part of their capstone experience.



Schedule

Students at Northwest Ohio Classical Academy follow a seven-period schedule. School begins at 8:00 a.m. and dismisses at 3:00 p.m. for all grades 9-12.

Period	Time
Homeroom/Assembly	8:00-8:10
1st	8:10-9:00
2nd	9:03-9:53
3rd	9:56-10:46
Nutrition	10:46-10:56
4th	10:56-11:46
5th	11:49-12:39
Lunch	12:39-1:14
6th	1:17-2:07
7th	2:10-3:00

Grading Scale

Grade point averages are calculated using a 4.0 scale.

- A 94-100 = 4.0
- A- 90-93 = 3.7
- B+ 87-89 = 3.3
- B 84-86 = 3.0
- B- 80-83 = 2.7
- C+ 77-79 = 2.3
- C 74-76 = 2.0
- C- 70-73 = 1.7
- D+ 67-69 = 1.3
- D 64-66 = 1.0
- D- 60-63 = 0.7
- F 0-59 = 0.0
- Inc. = Incomplete
- W = Withdrawal

Semester Academic Honors of Distinction

- Principal's Honor Roll Award = 4.0
- High Honors Award = 3.5-3.99
- Honor Roll Award = 3.0-3.49

Course Weighting

Northwest Ohio Classical Academy offers a rigorous curriculum. All courses are considered advanced by virtue of the demands of the curriculum. For this reason, College Prep NOCA courses, Honors (H) courses, Advanced Placement (AP) courses and College Credit Plus (CCP) courses are calculated using the same 4.0 scale. Northwest Ohio Classical Academy does not weight grades.

College Credit Plus (CCP)

College Credit Plus (CCP) is a program sponsored by the state of Ohio for students who are Ohio residents in grades 7-12. Through the CCP program, NOCA students are permitted to apply for

participation in early college course options by taking coursework from colleges located within a 30-mile radius of the NOCA campus.

Students must meet college admission standards via maintaining a minimum 3.0 GPA and must test in the range designated by the college on the Accuplacer (or have qualifying ACT/ SAT scores). Students who have met these requirements are eligible to take college courses at no charge. Families must attend a mandatory student and parent informational meeting in January and complete an **Intent to Participate** form. The Intent to Participate form must be submitted to Mrs. Desmond **no later than April 1st**. Students must complete all accompanying application forms, attend meetings and registration training sessions offered by the college. Failure to meet deadlines will disqualify any student from participating in the CCP program.

Northwest Ohio Classical Academy partners with Bowling Green State University, University of Toledo and Owens Community College to provide CCP courses. Students who opt to take CCP courses are encouraged to take 100% asynchronous online courses to allow students maximum flexibility with their scheduling needs and the benefit of enjoying their high school experience.

Students' grades are weighted the same as NOCA courses and applied to their GPA College Credit Plus participation and course selections are not guaranteed.

For more information and possible pathways, please reference college CCP websites.

[Ohio Higher Ed CCP Website- Click here!](#)

[Ohio Department of Education CCP Website- Click here!](#)

Credit Flex

Credit Flex is an alternate path to earn credit to meet graduation requirements outside of what is offered at NOCA. **Courses require pre-approval via completion of a Credit Flex form.** Students who are considering playing sports in college are encouraged to meet with Mrs. Desmond to ensure athletic eligibility and course approval by the NCAA.

Paths to Physical Education Credit

The chart below illustrates substitutions for Physical Education that are recognized by the state of Ohio. Alternate routes to Physical Education require pre-approval via completing a Credit Flex form.

Pathway	Credit	Graduation Requirement Met
Traditional P.E. at NOCA (S1 & S2)	.50 credit	yes
Two Seasons of an OHSAA sport	.50 credit	yes
Two Seasons of Marching Band, Cheerleading or JROTC	.50 credit	yes
Independent Study (120 clock hours)	.50 credit	yes
Online P.E.	.50 credit	yes

Freshman Year (Fall)		Freshman Year (Spring)	
Course	Credit	Course	Credit
Literature: Ancient Literature	.50	Literature: Ancient Literature	.50
Math: Algebra I Geometry Algebra II	.50	Math: Algebra I Geometry Algebra II	.50
Science: Biology	.50	Science: Biology	.50
History and Geography: Ancient World to 500	.50	History and Geography: Ancient World to 500	.50

Classical Language: Latin I, II, III, IV, V	.50	Classical Language: Latin I, II, III, IV, V	.50
Composition and Rhetoric or Formal Logic	.50	Composition and Rhetoric or Formal Logic	.50
Physical Education	.25	Physical Education	.25
Total: 6.50 credits			
Service: 12 hours		Service: 12 hours	

Sophomore Year (Fall)		Sophomore Year (Spring)	
Course	Credit	Course	Credit
Literature: Medieval and British Literature	.50	Literature: Medieval and British Literature	.50
Math: Geometry Algebra II Trigonometry & Pre-Calculus	.50	Math: Geometry Algebra II Trigonometry & Pre-Calculus	.50
Science: Chemistry	.50	Science: Chemistry	.50
History and Geography: Europe 500-1815	.50	History and Geography: Europe 500-1815	.50
Classical Language: Latin II, III, IV, V	.50	Classical Language: Latin II, III, IV, V	.50
Intro to Economics (w/ Financial Literacy)	.50	Intro to Moral Philosophy	.50
Elective:	.50	Elective:	.50
Total: 7 credits			
Service: 12 hours		Service: 12 hours	

Junior Year (Fall)		Junior Year (Spring)	
Course	Credit	Course	Credit
Literature: American Literature	.50	Literature: American Literature	.50
Math: Algebra II Trigonometry & Pre-Calculus Calculus Calculus I (AB)	.50	Math: Algebra II Trigonometry & Pre-Calculus Calculus Calculus I (AB)	.50
Science: Physics	.50	Science: Physics	.50
History and Geography: America 1607- Present	.50	History and Geography: America 1607- Present	.50
Classical and Modern Languages: Latin III, IV, V French Spanish	.50	Classical and Modern Languages: Latin III, IV, V French Spanish	.50
Moral Philosophy	.50	Moral Philosophy	.50
Elective:	.50	Elective:	.50
Total: 7 credits			
Service: 12 hours		Service: 12 hours	

Senior Year (Fall)		Senior Year (Spring)	
Course	Credit	Course	Credit
Literature: Modern Literature *Senior Thesis	.50	Literature: Modern Literature *Senior Thesis	.50
Math: Trigonometry & Pre-Calculus Calculus Calculus I (AB) Calculus II (BC)	.50	Math: Trigonometry & Pre-Calculus Calculus Calculus I (AB) Calculus II (BC)	.50
Science: Astronomy or Advanced Science	.50	Science: Astronomy or Advanced Science	.50
History and Geography: Modern World 1815- Present	.50	History and Geography: Modern World 1815- Present	.50
American Government and Politics	.50	American Government and Politics	.50
Elective:	.50	Health	.50
Elective:	.50	Elective:	.50
Total: 7 credits			
Service: 12 hours		Service: 12 hours	

Progression of Core Subjects



College Credit Plus (CCP) and Credit Flex may also be used as elective options.

Literature

Ancient Literature (I.0)

Full-Year Course

Grade 9

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events and thematic qualities encountered in texts. Students read the *Iliad* and the *Odyssey* (Homer), the *Aeneid* (Virgil), and memorize excerpts of Greek lyric poetry and the tragedies of Sophocles, namely *The Oedipus Cycle: Oedipus Rex, Oedipus at Colonus, and Antigone*. Students conclude the year by reading and discussing Shakespeare's *Julius Caesar*.

Mathematics

**Math courses may vary depending upon each student's level of proficiency. Placement tests are available upon request.*

Algebra I (I.0)

Full-Year Course

Grade(s) 8, 9

Students enrolled in this course focus on algebraic relations between quantities using Arthur W. Weeks and Jackson B. Adkins *First Course in Algebra* text. Students become acquainted with the real number system, fundamental operations, expressions, linear quadrative functions, and systems of inequalities. They learn how to deconstruct word problems and translate them into solvable algebraic equations. Students typically take Algebra I as eighth-graders, but can be enrolled in the course as a ninth-grader.

Geometry (I.0)

Full-Year Course

Grade 9

Students enrolled in this course study Euclid's Elements in Arthur W. Weeks' and Jackson B. Adkins' *A Course in Geometry*. Students cover the following proof-based topics: Proofs involving lines and angles, types of triangles, congruence of triangles, perpendicularity and bisection, parallel lines, parallelograms, circles, circumscription and inscription of circles and polygons, the golden ratio, ratio and proportion, application of ratio and proportion to geometric shapes and similarity, basic three-dimensional properties. Students also cover definitions, postulates and common notations, areas, volumes, surface areas, degrees and radians, basic trigonometry, the platonic solids and three-dimensional shapes, transformations of graphs, and solve systems of equations.

Algebra II (I.0)

Full-Year Course

Grade 9, 10

Students enrolled in this course will expand their knowledge of functions with a focus on domain, graph characteristics, and transformations. Types of functions include a review of lines and quadratics as well as an introduction to general polynomials, rational functions, exponentials, and logarithms. Students also focus on developing fluency with more advanced algebraic manipulation by simplifying expressions and solving equations and systems. Other topics include complex numbers, inequalities, and sequences.

Science

Biology (I.0)

Full-Year Course

Grade 9

Students enrolled in this course complete a comprehensive survey of biology, covering cellular parts and chemical processes, genetics, botany, zoology, and classification. Labs correspond to topics covered in class, including microscopy, dissection, and identification. Students gain an appreciation for the intricate and beautiful aspects of life, from the small cell to the dynamic biosphere.

History & Geography

Ancient World History to 500 (I.0)

Full-Year Course

Grade 9

Students enrolled in this course begin with a brief overview of Mesopotamian civilizations prior to the rise of classical Greece. Students then turn to ancient Greece and Rome, from the beginning of Greek city-states to the fall of the Roman empire in 410 A.D. Students read primary sources including Herodotus, Plutarch, Thucydides, Aristotle, Plato, Livy, Sallust, Augustus, and Caesar.

Classical Language

**Students who are new to NOCA may be required to begin Latin I, depending upon their Foreign Language experience.*

Latin I (I.0)

Full-Year Course

Grade 9

Students enrolled in this course receive an introduction to Latin and to the people who used it: the ancient Romans. Students gain a solid foundation in vocabulary, English derivatives, grammar/syntax, and in developing reading and translation skills. Students also are introduced to chief aspects of Roman culture, history, and classical mythology. Because this course serves as the foundation for the continued study of Latin, it is essential that students develop the necessary habits of diligent memorization, organization, and attention to detail. Students of all levels sit for the National Latin Exam in the spring.

Latin II (I.0) *Latin II Prerequisite: Latin I*

Full-Year Course

Grade 9

Students enrolled in this course will perform a brief yet rigorous review of previously learned vocabulary and grammar. This course continues the work of Latin I. Students begin reading and/or translating passages of increasing complexity and continue to deepen their knowledge of ancient Roman culture, history, and mythology.

Composition

Composition (.50)

Semester Course

Grade 9

Students enrolled in this course learn how to develop the elements of good writing. They examine each of the four kinds of writing: expository, persuasive, narrative, and descriptive, seek to understand what makes each of these kinds of writing work, and how to write them correctly and incorrectly. Students also learn about the rules of writing and sentence diagramming. The primary function of this class is to assist ninth grade students with their writing by using prompts from their literature classes. Students are given time to work on their writing in class, and utilize class time to get feedback and assistance while they write.

Rhetoric

Rhetoric (.50)

Semester Course

Grade 9

Students enrolled in this course are introduced to the art of rhetoric as well as the philosophy that informs it. The heart of this course will include an introduction to formal rhetoric, careful tutoring in the art as it relates to giving public speeches, and a sustained exploration of some of the greatest speeches delivered by the best retorts in our own cultural heritage. Students are expected to know what rhetoric is as well as to be able to exercise and perfect their own rhetorical faculty in the span of the course.

Physical Education

Physical Education (.50)

Full-Year Course

Grade 9

Students enrolled in this course participate in team sports activities that include: Football, Ultimate Frisbee, Soccer, Basketball, Volleyball, Hockey, Gymnastics, and Softball. Students run the mile weekly and perform a series of warm-ups, flexibility, strength, and endurance tasks. Students learn how to perform basic First Aid, C.P.R., and use an A.E.D. device. They also create and implement their own Fitness Plan which contains elements of the F.I.T.T. Principle, the Five Fitness Components, and Principles of Exercise.

Students learn how to dance an Irish Jig, the Waltz, Virginia Reel, Foxtrot, Two Step, Hasapiko, and Tarantella. They also learn to Swing, Square, and Line dance.

Electives (Performing Arts)

Band (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course receive an enriching instrumental music education via playing standard wind ensemble (flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba) repertoire. The objective of the course is to foster and promote musical growth through the playing of an instrument. Students perform in a variety of concerts throughout the year.

Choir (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

Orchestra (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course experience an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. Orchestra is a skilled effort in which each student is expected to show technical and musical proficiency throughout this course.

Drama (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course become acquainted with the history of the theatre and various significant plays. Areas of technical production such as makeup, lighting, costuming, and set design are also studied. Drama students are required to complete a final project and are expected to attend and participate in all performances. Due to the nature of changing performances each year, this is a repeatable course.

Musical Theatre (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore the makings of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There will also be

a focus on the audition process as well as musical theatre history and repertoire. The class will participate in a culminating showcase performance at the end of the year. Due to the nature of changing productions each year, this is a repeatable course.

Course Descriptions by Grade Level

Grade 10

Literature

Medieval & British Literature (I.0)

Full-Year Course

Grade 10

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *Beowulf*, selections from *The Canterbury Tales* (Chaucer), selections from *Paradise Lost* (Milton), and *Pride and Prejudice* (Austen). Students also study English Romantic poetry by poets such as Blake, Wordsworth, Coleridge, and Keats. Finally, students read Shakespeare's *Macbeth*.

Mathematics

**Math courses may vary depending upon each student's level of proficiency. Placement tests are available upon request.*

Geometry (I.0)

Full-Year Course

Grade 9

Students enrolled in this course study Euclid's Elements in Arthur W. Weeks' and Jackson B. Adkins' *A Course in Geometry*. Students cover the following proof-based topics: Proofs involving lines and angles, types of triangles, congruence of triangles, perpendicularity and bisection, parallel lines, parallelograms, circles, circumscription and inscription of circles and polygons, the golden ratio, ratio and proportion, application of ratio and proportion to geometric shapes and similarity, basic three-dimensional properties. Students also cover definitions, postulates and common notations, areas, volumes, surface areas, degrees and radians, basic trigonometry, the platonic solids and three-dimensional shapes, transformations of graphs, and solve systems of equations.

Algebra II (I.0)

Full-Year Course

Grade 10

Students enrolled in this course will expand their knowledge of functions with a focus on domain, graph characteristics and transformations. Types of functions include a review of lines and quadratics as well as an introduction to general polynomials, rational functions, exponentials, and logarithms. Students also focus on developing fluency with more advanced algebraic manipulation by simplifying expressions and solving equations and systems. Other topics include complex numbers, inequalities, and sequences.

Trigonometry & Pre-Calculus (I.0)

Full-Year Course

Grade 10, 11

Students enrolled in this course develop a deeper understanding of and fluency with functions, including general polynomials, rational functions, exponentials, logarithms, and inverses. While studying these

functions, including their limits, students focus on developing reasoning and notation that builds a foundation for Calculus. Students also gain a solid understanding of the six trigonometric functions with a focus on the unit circle. Students are introduced to polar coordinates and basic polar curves.

Science

Chemistry (I.0)

Full-Year Course

Grade 10

Students enrolled in this course are introduced to the atom and atomic structure, the properties of matter through step-by-step layering of concepts and understanding onto the periodic table. Students study measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base reactions, gas laws, and condensed states. Laboratory experiments and activities demonstrate the above concepts. Labs include mixture separation, identifying elements based on periodic properties, metals activity, percent yield, synthesis and purification, acid titration, and reaction types. Following completion of this course, students will understand the nature of matter and its interactions throughout the world.

History & Geography

European History 500 to 1815 (I.0)

Full-Year Course

Grade 10

Students enrolled in this course survey begin with a brief survey of the Early Middle Ages, the first 500 years after the Fall of Rome. Then students follow the progress through the High Middle Ages, the Renaissance, the Reformation, the Ages of Exploration, Enlightenment, and finally the causes and impact of the French Revolution and the rise of Napoleon. Students read a selection of primary sources drawn from John Carey's *Eyewitness to History*.

Classical Language

Latin III (I.0) *Latin III Prerequisite(s): Latin I, II*

Full-Year Course

Grade 10

Students enrolled in this course work with much more complex grammar and sentence structure, including the syntax of subordinate clauses and the subjunctive mood. Written translations, sentence work and outside readings for comprehension are assigned frequently. Students are introduced to short excerpts from classical authors such as Caesar, Catullus, Martial, et al., to help make the eventual transition to working with continuous passages of unadapted – or slightly adapted – Latin literature.

Economics

Intro to Economics (.50)

Semester Course

Grade 10

Students enrolled in this course will learn the principles of free-market economics and important vocabulary: supply and demand, price and profit, macro-economic theory, etc. Students will read resources selected from a variety of sources including Thomas Sowell's *Basic Economics*, Gary Wolfram's *A Capitalist Manifesto*, and Hazlitt's *Economics in One Lesson*.

*This course fulfills the state Financial Literacy requirement.

Philosophy

Intro to Moral Philosophy (.50)

Semester Course

Grade 10

Students enrolled in this course are introduced to major themes of a moral and political nature through the study of literature. The common thread is dystopian literature. Students will read *1984*, *Brave New World*, *Darkness at Noon*, *Gulliver's Travels*, and *The Abolition of Man*. The aim is to leave students with a deeper appreciation for the importance of philosophy and political discourse.

Electives (Performing Arts)

Band (1.0)

Full-Year Course

Grades 9-12

Students enrolled in this course receive an enriching instrumental music education via playing standard wind ensemble (flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba) repertoire. The objective of the course is to foster and promote musical growth through the playing of an instrument. Students perform in a variety of concerts throughout the year.

Choir (1.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

Orchestra (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course experience an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. Orchestra is a skilled effort in which each student is expected to show technical and musical proficiency throughout this course.

Drama (I.0)

Full-Year Course

Grades 9-12

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Musical Theatre (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore the makings of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There will also be a focus on the audition process as well as musical theatre history and repertoire. The class will participate in a culminating showcase performance at the end of the year. Due to the nature of changing productions each year, this is a repeatable course.

Literature

American Literature (I.0)

Full-Year Course

Grade II

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *The Scarlet Letter* (Hawthorne), *Moby Dick* (Melville), *Adventures of Huckleberry Finn* (Twain), and *A Good Man is Hard to Find* (O'Connor). Finally, students study a variety of poets including Bradstreet, Emerson, Faulkner, Fitzgerald, Hemingway, Whitman, Longfellow, Dickenson, Frost, and Eliot.

Mathematics

**Math courses may vary depending upon each student's level of proficiency. Placement tests are available upon request.*

Algebra II (I.0)

Full-Year Course

Grade 10, 11

Students enrolled in this course will expand their knowledge of functions with a focus on domain, graph characteristics, and transformations. Types of functions include a review of lines and quadratics as well as an introduction to general polynomials, rational functions, exponentials, and logarithms. Students also focus on developing fluency with more advanced algebraic manipulation by simplifying expressions and solving equations and systems. Other topics include complex numbers, inequalities, and sequences.

Trigonometry & Pre-Calculus (I.0)

Full-Year Course

Grade 11

Students enrolled in this course develop a deeper understanding of and fluency with functions, including general polynomials, rational functions, exponentials, logarithms, and inverses. While studying these functions, including their limits, students focus on developing reasoning and notation that builds a foundation for Calculus. Students also gain a solid understanding of the six trigonometric functions with a focus on the unit circle. Students are introduced to polar coordinates and basic polar curves.

Calculus (I.0)

Full-Year Course

Grade 11, 12

Students enrolled in this course cover the following topics: functions, limits and continuity, derivatives, applications of derivatives, antiderivatives, definite and indefinite integrals, the fundamental theorem of calculus, the calculus of exponential and logarithmic functions, the calculus of growth and decay, algebraic calculus techniques for elementary functions, and the calculus of motion. While this is not technically

defined as an Advanced Placement (AP) class, students will be fully prepared to take the AP Calculus AB exam by the completion of the course.

Science

Physics (I.0) *Physics Prerequisite: Algebra I*

Full-Year Course

Grade II

Students enrolled in this course become familiar with basic vector arithmetic and kinematic phenomena, including projectile motion. They expand this knowledge with investigations of forces and Newton's laws, including forces of universal gravitation and centripetal force. Students study wave motion including simple harmonic motion. From there, students are introduced to the basic ideas of electrostatics and circuits as well as magnetism and induction and use these ideas to understand some of the ideas behind light and the electromagnetic spectrum.

History & Geography

American History (I.0)

Full-Year Course

Grade II

Students enrolled in this course study the history of America from 1607 to the present. The course builds upon the knowledge gained in 7th and 8th Grade History. In IIth Grade, students are asked to dive more deeply into the themes and challenges of American history. They read from a broad selection of primary sources including but not limited to letters of Columbus, writings of the Founding Fathers, Lincoln's speeches, the message of Civil Rights leaders, and even more contemporary discussions like 9/11 or the election of President Obama.

Classical & Modern Language

Latin IV (I.0) *Latin IV Prerequisite(s): Latin I, II, III*

Full-Year Course

Grade II

Students enrolled in this course focus on Gaius Iulius Caesar - the general, the politician, the writer, the friend - and the political, social, and ideological forces in 1st c. BCE Rome which led to his creation and demise. Students follow a year-by-year chronicle of the last hundred years of the Roman Republic, while reading the works of Suetonius, Sallust, Caesar, Cicero, Catullus, and Vergil in their original language.

Spanish I (I.0)

Full-Year Course

Grade II

Students enrolled in this course are introduced to the Spanish language. Students learn basic vocabulary, work on grammar structures, and sharpen listening skills. As the academic year progresses, students begin to understand spoken Spanish, are able to read texts of intermediate difficulty, communicate at a beginning

level, and write simple sentences. Students also examine the historical relationship of the Spanish language with both English and Latin as well as gain awareness of modern Spanish cultures.

French I (I.0)

Full-Year Course

Grade II

Students enrolled in this course are introduced to the French language. Students learn basic vocabulary, work on grammar structures, and sharpen listening skills. As the academic year progresses, students begin to understand spoken French, are able to read texts of intermediate difficulty, communicate at a beginning level, and write simple sentences. Students also examine the historical relationship of the French language with both English and Latin as well as gain awareness of modern Francophone cultures.

Philosophy

Moral Philosophy (I.0)

Full-Year Course

Grades II

Students enrolled in this course will engage with fundamental philosophical questions. Pride of place is given to Aristotle. Students will read selections from his *Physics*, *Ethics*, and *Politics*. Then students will examine the challenges of modernity, reading selections from philosophers including Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, and Marx.

Electives (Performing Arts)

Band (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course receive an enriching instrumental music education via playing standard wind ensemble (flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba) repertoire. The objective of the course is to foster and promote musical growth through the playing of an instrument. Students perform in a variety of concerts throughout the year.

Choir (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

Orchestra (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course experience an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. Orchestra is a skilled effort in which each student is expected to show technical and musical proficiency throughout this course.

Drama (I.0)

Full- Year Course

Grades 9-12

Students enrolled in this course become acquainted with the history of the theatre and various significant plays. Areas of technical production such as makeup, lighting, costuming, and set design are also studied. Drama students are required to complete a final project and are expected to attend and participate in all performances. Due to the nature of changing performances each year, this is a repeatable course.

Musical Theatre (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore the makings of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There will also be a focus on the audition process as well as musical theatre history and repertoire. The class will participate in a culminating showcase performance at the end of the year. Due to the nature of changing productions each year, this is a repeatable course.

Course Descriptions by Grade Level

Grade 12

Literature

Modern Literature (I.0)

Full-Year Course

Grade 12

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *Heart of Darkness* (Conrad), *The Metamorphosis* (Kafka), *Crime and Punishment* (Dostoevsky). Students study British poetry by Hardy, Hopkins, Yeats, Auden, Hill, and Heaney as well as American poetry by Frost, Eliot, Moore, Stevens, and Williams. Finally, students read Shakespeare's *Hamlet*.

Mathematics

**Math courses may vary depending upon each student's level of proficiency. Placement tests are available upon request.*

Trigonometry & Pre-Calculus (I.0)

Full-Year Course

Grade 11, 12

Students enrolled in this course develop a deeper understanding of and fluency with functions, including general polynomials, rational functions, exponentials, logarithms, and inverses. While studying these functions, including their limits, students focus on developing reasoning and notation that builds a foundation for Calculus. Students also gain a solid understanding of the six trigonometric functions with a focus on the unit circle. Students are introduced to polar coordinates and basic polar curves.

Calculus I (I.0)

Full-Year Course

Grade 12

Students enrolled in this course cover the following topics: functions, limits and continuity, derivatives, applications of derivatives, antiderivatives, definite and indefinite integrals, the fundamental theorem of calculus, the calculus of exponential and logarithmic functions, the calculus of growth and decay, algebraic calculus techniques for elementary functions, and the calculus of motion. While this is not technically defined as an Advanced Placement (AP) class, students will be fully prepared to take the AP Calculus AB exam by the completion of the course.

Calculus II (I.0)

Full-Year Course

Grade 12

Students enrolled in this course cover the following topics: a deeper understanding of the foundations covered in Calculus I, expanding into complex integration techniques and applications, infinite sequences and series, parametric and polar coordinates. While this is not technically defined as an Advanced

Placement (AP) class, students will be fully prepared to take the AP Calculus BC exam by the completion of the course.

Science

Astronomy (I.0)

Full-Year Course

Grade 12

Students enrolled in this course will explore that which has fascinated humans for millennia: the universe. Students will look at how scientific discovery is undertaken using the tools of astronomy and how that knowledge is still growing, driven by a collective thirst to understand more about the universe we live in. Students will touch on the Solar System, Stars and Stellar Evolution, Galaxies, and Cosmology — the science of the origin and development of the universe.

History & Geography

Modern World History (I.0)

Full-Year Course

Grade 12

Students enrolled in this course begin with an overview of the revolutions in modern Europe (Italy, France, etc.) They will then analyze philosophies emerging during the time from positivism to Darwinism to nationalism. Students will study World Wars I and II, their causes, the Cold War, and their impact. Students will read primary sources selected from *Perspectives from the Past* (James Brophy) and *Eyewitness to History* (John Carey).

Government

Government and Politics (I.0)

Full-Year Course

Grade 12

Students enrolled in this course are introduced to the principal themes and topics that every well-informed American citizen should know. Students will survey three key sources: a selection of speeches and essays from American history, De Tocqueville's *Democracy in America*, and Besette and Pitney's *American Government and Politics*. The course follows a chronological narrative beginning with America's founding through the Constitution, the impact of the Civil War, the New Deal, the Great Society, and up to present-day considerations.

Classical & Modern Languages

Latin V (I.0) *Latin IV Prerequisite(s): Latin I, II, III, IV*

Full-Year Course

Grade 12

Students enrolled in this course apply their knowledge of Latin language to the study of authentic, unmediated texts of Latin Literature. The purpose of this course is to solidify their grasp of grammar and

syntax, while introducing them to aspects of style, rhetoric, complex sentence structure, and compositional method. Students also learn to discuss and consider a text's content, historical context, and meaning. Authors may include Caesar, Cicero, and Ovid.

Spanish II (I.0)

Full-Year Course

Grade 12

Students enrolled in this course continue to develop the fundamental skills needed to achieve proficiency in a foreign language (listening, speaking, reading, and writing). In class, students use the communicative approach, practice pronunciation in conversational Spanish, expand their vocabulary, study grammar, and learn about the culture and history of Spanish countries. Students are encouraged to hone their ability to understand Spanish outside of the classroom (through books, movies, etc.).

French II (I.0)

Full-Year Course

Grade 12

Students enrolled in this course continue to develop the fundamental skills needed to achieve proficiency in a foreign language (listening, speaking, reading, and writing). In class, students use the communicative approach, practice pronunciation in conversational French, expand their vocabulary, study grammar, and learn about the culture and history of Francophone countries. Students are encouraged to hone their ability to understand French outside of the classroom (through books, movies, etc.).

Health

Health (.50)

Semester Course

Grade 12

Students enrolled in this course begin their study of health and wellness. They learn about the importance of physical, emotional, social, and mental well-being. Students learn about behaviors and habits that can be helpful or detrimental to their happiness. Such topics include nutrition, injury prevention, safety, addiction, and diseases.

Electives (Performing Arts)

Band (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course receive an enriching instrumental music education via playing standard wind ensemble (flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba) repertoire. The objective of the course is to foster and promote musical growth through the playing of an instrument. Students perform in a variety of concerts throughout the year.

Choir (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore choral music from a wide variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, music theory and music history.

Orchestra (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course experience an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. Orchestra is a skilled effort in which each student is expected to show technical and musical proficiency throughout this course.

Drama (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course become acquainted with the history of the theatre and various significant plays. Areas of technical production such as make up, lighting, costuming, and set design are also studied. Drama students are required to complete a final project and are expected to attend and participate in all performances. Due to the nature of changing performances each year, this is a repeatable course.

Musical Theatre (I.0)

Full-Year Course

Grades 9-12

Students enrolled in this course explore the makings of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There will also be a focus on the audition process as well as musical theatre history and repertoire. The class will participate in a culminating showcase performance at the end of the year. Due to the nature of changing productions each year, this is a repeatable course.

Course Descriptions by Subject Area Grades 9-12

Literature

Ancient Literature (I.O) Grade 9

Students enrolled in this course participate in Socratic style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read the *Iliad* and the *Odyssey* (Homer), the *Aeneid* (Virgil) and memorize excerpts of Greek lyric poetry and the tragedies of Sophocles namely, *The Oedipus Cycle: Oedipus Rex, Oedipus at Colonus, and Antigone*. Students conclude the year by reading and discussing Shakespeare's *Julius Caesar*.

Medieval & British Literature (I.O) Grade 10

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *Beowulf*, selections from *The Canterbury Tales* (Chaucer), selections from *Paradise Lost* (Milton), and *Pride and Prejudice* (Austen). Students also study English Romantic poetry by poets such as Blake, Wordsworth, Coleridge, and Keats. Finally, students read Shakespeare's *Macbeth*.

American Literature (I.O) Grade 11

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *The Scarlet Letter* (Hawthorne), *Moby Dick* (Melville), *Adventures of Huckleberry Finn* (Twain), and *A Good Man is Hard to Find* (O'Connor). Finally, students study a variety of poets including Bradstreet, Emerson, Faulkner, Fitzgerald, Hemingway, Whitman, Longfellow, Dickenson, Frost, and Eliot.

Modern Literature (I.O) Grade 12

Students enrolled in this course participate in Socratic-style seminar discussions twice a week as they ponder the significance of characters, sentinel events, and thematic qualities encountered in texts. Students read *Heart of Darkness* (Conrad), *The Metamorphosis* (Kafka), *Crime and Punishment* (Dostoevsky). Students study British poetry by Hardy, Hopkins, Yeats, Auden, Hill, and Heaney as well as American poetry by Frost, Eliot, Moore, Stevens, and

Williams. Finally, students read Shakespeare's *Hamlet*.

Mathematics

Algebra I (I.O) Grade(s) 8, 9

Students enrolled in this course focus on algebraic relations between quantities using Arthur W. Weeks' and Jackson B. Adkins' *First Course in Algebra* text. Students become acquainted with the real number system, fundamental operations, expressions, linear quadrative functions and systems of inequalities. They learn how to deconstruct word problems and translate them into solvable algebraic equations. Students typically take Algebra I as eighth graders, but can be enrolled in the course as a ninth grader.

Geometry (I.O) Grade 9, 10

Students enrolled in this course study Euclid's Elements in Arthur W. Weeks' and Jackson B. Adkins' *A Course in Geometry*. Students cover the following proof-based topics: Proofs involving lines and angles, types of triangles, congruence of triangles, perpendicularity and bisection, parallel lines, parallelograms, circles, circumscription and inscription of circles and polygons, the golden ratio, ratio and proportion, application of ratio and proportion to geometric shapes and similarity, basic three-dimensional properties. Students also cover definitions, postulates and common notations, areas, volumes, surface areas, degrees and radians, basic trigonometry, the platonic solids and three-dimensional shapes, transformations of graphs, and solve systems of equations.

Algebra II (I.O) Grade(s) 10, 11

Students enrolled in this course will expand their knowledge of functions with a focus on domain, graph characteristics, and transformations. Types of functions include a review of lines and quadratics as well as an introduction to general polynomials, rational functions, exponentials, and logarithms. Students also focus on developing fluency with more advanced algebraic manipulation by simplifying expressions and solving equations and systems. Other topics include complex numbers, inequalities, and sequences.

Trigonometry & Pre-Calculus (I.O) Grade(s) 11, 12

Students enrolled in this course develop a deeper understanding of and fluency with functions, including general polynomials, rational functions, exponentials, logarithms, and inverses. While studying these functions, including their limits, students focus on developing reasoning and notation that builds a foundation for Calculus. Students also gain a solid understanding of the six trigonometric functions with a focus on the unit circle. Students are introduced to polar coordinates and basic polar curves.

Calculus I (I.O) Grade(s) 11, 12

Students enrolled in this course cover the following topics: functions, limits and continuity, derivatives, applications of derivatives, antiderivatives, definite and indefinite integrals, the fundamental theorem of calculus, the calculus of exponential and logarithmic functions, the calculus of growth and decay, algebraic calculus techniques for elementary functions, and the calculus of motion. While this is not technically defined as an Advanced Placement (AP) class, students will be fully prepared to take the AP Calculus AB exam by the completion of the course.

Calculus II (I.O) Grade 12

Students enrolled in this course cover the following topics: a deeper understanding of the foundations covered in Calculus I, expanding into complex integration techniques and applications, infinite sequences and series, parametric and polar coordinates. While this is not technically defined as an Advanced Placement (AP) class, students will be fully prepared to take the AP Calculus BC exam by the completion of the course.

Science

Biology (I.O) Grade 9

Students enrolled in this course complete a comprehensive survey of biology, covering cellular parts and chemical processes, genetics, botany, zoology, and classification. Labs correspond to topics covered in class, including microscopy, dissection, and identification. Students gain an appreciation for the intricate and beautiful aspects of life, from the small cell to the dynamic biosphere

Chemistry (1.0)
Grade 10

Students enrolled in this course are introduced to the atom and atomic structure, the properties of matter through step by step layering of concepts and understanding onto the periodic table. Students study measurements, atomic theory, chemical bonding, nomenclature, stoichiometry, solutions, acid and base reactions, gas laws, and condensed states. Laboratory experiments and activities demonstrate the above concepts. Labs include mixture separation, identifying elements based on periodic properties, metals activity, percent yield, synthesis and purification, acid titration, and reaction types. Following completion of this course, students will understand the nature of matter and its interactions throughout the world.

Physics (1.0)
Grade II

Students enrolled in this course become familiar with basic vector arithmetic and kinematic phenomena, including projectile motion. They expand this knowledge with investigations of forces and Newton's laws, including forces of universal gravitation and centripetal force. Students study wave motion including simple harmonic motion. From there, students are introduced to the basic ideas of electrostatics and circuits as well as magnetism and induction and use these ideas to understand some of the ideas behind light and the electromagnetic spectrum.

Astronomy (1.0) Grade 12

Students enrolled in this course will explore that which has fascinated humans for millennia: the universe. Students will look at how scientific discovery is undertaken using the tools of astronomy and how that knowledge is still growing, driven by a collective thirst to understand more about the universe we live in. Students will touch on the Solar System, Stars and Stellar Evolution, Galaxies, and Cosmology — the science of the origin and development of the universe.

History & Geography

Ancient World History to 500 (1.0)
Grade 9

Students enrolled in this course begin with a brief overview of Mesopotamian civilizations prior to the rise of classical Greece. Students then turn to ancient Greece and Rome, from the beginning of Greek city-states to the fall of the Roman empire in 410 A.D. Students read primary sources including Herodotus, Plutarch, Thucydides, Aristotle, Plato, Livy, Sallust, Augustus, and Caesar.

European History 500 to 1815 (1.0)
Grade 10

Students enrolled in this course survey begin with a brief survey of the Early Middle Ages, the first five hundred years after the Fall of Rome. Then students follow the progress through the High Middle Ages, the Renaissance, the Reformation, the Ages of Exploration, of Enlightenment, and finally the causes and impact of the French Revolution and the rise of Napoleon. Students read a selection of primary sources drawn from John Carey's *Eyewitness to History*.

American History (1.0)
Grade II

Students enrolled in this course study the history of America from 1607 to the present. The course builds upon the knowledge gained in 7th and 8th Grade History. In 11th Grade, students are asked to dive more deeply into the themes and challenges of American history. They read from a broad selection of primary sources including but not limited to letters of Columbus, writings of the Founding Fathers, Lincoln's speeches, the message of Civil Rights leaders, and even more contemporary discussions like 9/11 or the election of President Obama.

Modern World History (1.0)
Grade 12

Students enrolled in this course begin with an overview of the revolutions in modern Europe (Italy, France, etc.) They will then analyze philosophies emerging during the time from positivism to Darwinism to nationalism. Students will study World Wars I and II, their causes, the Cold War, and their impact. Students will read primary sources selected from *Perspectives from the Past* (James Brophy) and *Eyewitness to History* (John Carey).

Economics & Government

Introduction to Economics (0.5)
Grade 10

Students enrolled in this course will learn the principles of free-market economics and important vocabulary: supply and demand, price and profit, macro-economic theory, etc. Students will read resources selected from a variety of sources including Thomas Sowell's *Basic Economics*, Gary Wolfram's *A Capitalist Manifesto*, and Hazlitt's *Economics in One Lesson*. *This course fulfills the state Financial Literacy requirement.

Government and Politics (1.0)
Grade 12

Students enrolled in this course are introduced to the principal themes and topics that every well-informed American citizen should know. Students will survey three key sources: a selection of speeches and essays from American history, De Tocqueville's *Democracy in America*, and Besette and Pitney's *American Government and Politics*. The course follows a chronological narrative beginning with America's founding through the Constitution, the impact of the Civil War, the New Deal, the Great Society, and up to present-day considerations.

Classical & Modern Languages

* All Foreign Language courses are high school level courses.

Latin I (1.0)
Grade(s) 6, 7, 8, 9

Students enrolled in this course receive an introduction to Latin and to the people who used it: the ancient Romans. Students gain a solid foundation in vocabulary, English derivatives, grammar/syntax, and in developing reading and translation skills. Students also are introduced to chief aspects of Roman culture, history, and classical mythology. Because this course serves as the foundation for the continued study of Latin, it is essential that students develop the necessary habits of diligent memorization, organization, and attention to detail. Students of all levels sit for the National Latin Exam in the spring.

Latin II (1.0)
Grade(s) 7, 8, 9, 10

Students enrolled in this course will perform a brief yet rigorous review of previously learned vocabulary and grammar. This course continues the work of Latin I. Students begin reading and/or translating passages of increasing complexity and continue to deepen their knowledge of ancient Roman culture, history, and mythology.

Latin III (1.0)
Grade(s) 8, 9, 10, 11

Students enrolled in this course work with much more complex grammar and sentence structure, including the syntax of subordinate clauses and the subjunctive mood. Written translations, sentence work and outside readings for comprehension are assigned frequently. Students are introduced to short

excerpts from classical authors such as Caesar, Catullus, Martial, et al., to help make the eventual transition to working with continuous passages of unadapted – or slightly adapted – Latin literature.

Latin IV (I.0)
Grade(s) 9, 10, 11, 12

Students enrolled in this course focus on Gaius Julius Caesar—the general, the politician, the writer, the friend—and the political, social, and ideological forces in 1st c. BCE Rome which led to his creation and demise. Students follow a year-by-year chronicle of the last hundred years of the Roman Republic, while reading the works of Suetonius, Sallust, Caesar, Cicero, Catullus, and Vergil in their original language.

Latin V (I.0)
Grade(s) 10, 11, 12

Students enrolled in this course apply their knowledge of Latin language to the study of authentic, unmediated texts of Latin Literature. The purpose of this course is to solidify their grasp of grammar and syntax, while introducing them to aspects of style, rhetoric, complex sentence structure, and compositional method. Students also learn to discuss and consider a text's content, historical context, and meaning. Authors may include Caesar, Cicero, and Ovid.

Spanish I (I.0)
Grade II

Students enrolled in this course are introduced to the Spanish language. Students learn basic vocabulary, work on grammar structures, and sharpen listening skills. As the academic year progresses, students begin to understand spoken Spanish, are able to read texts of intermediate difficulty, communicate at a beginning level, and write simple sentences. Students also examine the historical relationship of the Spanish language with both English and Latin as well as gain awareness of modern Spanish cultures.

Spanish II (I.0)
Grade 12

Students enrolled in this course continue to develop the fundamental skills needed to achieve proficiency in a foreign language (listening, speaking, reading, and writing). In class, students use the communicative approach, practice pronunciation in conversational Spanish, expand their vocabulary, study grammar, and learn about the culture and history of Spanish countries. Students are encouraged to hone their ability to understand Spanish outside of the classroom (through books, movies, etc.).

French I (I.0)
Grade II

Students enrolled in this course are introduced to the French language. Students learn basic vocabulary, work on grammar structures, and sharpen listening skills. As the academic year progresses, students begin to understand spoken French, are able to read texts of intermediate difficulty, communicate at a beginning level, and write simple sentences. Students also examine the historical relationship of the French language with both English and Latin as well as gain awareness of modern Francophone cultures.

French II (I.0)
Grade 12

Students enrolled in this course continue to develop the fundamental skills needed to achieve proficiency in a foreign language (listening, speaking, reading, and writing). In class, students use the communicative approach, practice pronunciation in conversational French, expand their vocabulary, study grammar, and learn about the culture and history of Francophone countries. Students are encouraged to hone their ability to understand French outside of the classroom (through books, movies, etc.).

Composition

Composition (I.0)
Grade 9

Students enrolled in this course learn how to develop the elements of good writing. They examine each of the four kinds of writing: expository, persuasive, narrative, and descriptive, seek to understand what makes each of these kinds of writing work, and how to write them correctly and incorrectly. Students also learn about the rules of writing and sentence diagramming. The primary function of this class is to assist ninth grade students with their writing by using prompts from their literature classes. Students are given time to work on their writing in class, and utilize class time to get feedback and assistance while they write.

Rhetoric

Rhetoric (I.0)
Grade 9

Students enrolled in this course are introduced to the art of rhetoric as well as the philosophy that informs it. The heart of this course will include an introduction to formal rhetoric, careful tutoring in the art as it relates to giving public speeches, and a sustained exploration of some of the greatest speeches delivered by the best rhetors in our own cultural heritage. Students are expected to know what rhetoric is as well as to be able

to exercise and perfect their own rhetorical faculty in the span of the course.

Philosophy

Introduction to Moral Philosophy (0.5)
Grade 10

Students enrolled in this course are introduced to major themes of a moral and political nature through the study of literature. The common thread is dystopian literature. Students will read *1984*, *Brave New World*, *Darkness at Noon*, *Gulliver's Travels*, and *The Abolition of Man*. The aim is to leave students with a deeper appreciation for the importance of philosophy and political discourse.

Moral Philosophy (I.0)
Grade II

Students enrolled in this course will engage with fundamental philosophical questions. Pride of place is given to Aristotle. Students will read selections from his *Physics*, *Ethics*, and *Politics*. Then students will examine the challenges of modernity, reading selections from philosophers including Machiavelli, Hobbes, Locke, Rousseau, Kant, Hegel, and Marx.

Physical Education

Physical Education (I.0)
Grade 9

Students enrolled in this course participate in team sports activities that include: Football, Ultimate Frisbee, Soccer, Basketball, Volleyball, Hockey, Gymnastics, and Softball. Students run the mile weekly and perform a series of warm-ups, flexibility, strength, and endurance tasks. Students learn how to perform basic First Aid, C.P.R., and use an A.E.D. device. They also create and implement their own Fitness Plan which contains elements of the F.I.T.T. Principle, the Five Fitness Components and Principles of Exercise. Students learn how to dance an Irish Jig, the Waltz, Virginia Reel, Foxtrot, Two Step, Hasapiko, and Tarantella. They also learn to Swing, Square, and Line dance.

Health

Health (.50)
Grade 12

Students enrolled in this course begin their study of health and wellness. They learn about the importance of physical, emotional, social, and mental well-being. Students learn about behaviors and habits that can be helpful or detrimental to their happiness. Such topics include nutrition, injury prevention, safety, addiction, and diseases.

Electives (Performing Arts)

Band (1.0) **Grades 9-12**

Students enrolled in this course receive an enriching instrumental music education via playing standard wind ensemble (flute, oboe, bassoon, clarinet, saxophone, trumpet, French horn, trombone, euphonium, and tuba) repertoire. The objective of the course is to foster and promote musical growth through the playing of an instrument. Students perform in a variety of concerts throughout the year.

Choir (1.0) **Grades 9-12**

Students enrolled in this course explore choral music from a wide variety of cultures and time periods through study and performance. The

core curriculum emphasizes the basics of vocal technique, sight-reading, music theory, and music history.

Orchestra (1.0) **Grades 9-12**

Students enrolled in this course experience an enriching and diverse instrumental music education. This class provides a number of performance opportunities for the student in a variety of settings. The daily objective of the course is to foster and promote musical growth through the playing of an instrument. Orchestra is a skilled effort in which each student is expected to show technical and musical proficiency throughout this course.

Drama (1.0) **Grades 9-12**

Students enrolled in this course become acquainted with the history of the theatre and various significant plays. Areas of technical production such as makeup,

lighting, costuming, and set design are also studied. Drama students are required to complete a final project and are expected to attend and participate in all performances. Due to the nature of changing performances each year, this is a repeatable course.

Musical Theatre (1.0) **Grades 9-12**

Students enrolled in this course explore the makings of American Musical Theatre. Students will study the work of the actor/singer/dancer and use their gained knowledge to develop as performers. Students will prepare and present as soloists as well as members of small groups and larger ensembles. There will also be a focus on the audition process as well as musical theatre history and repertoire. The class will participate in a culminating showcase performance at the end of the year. Due to the nature of changing productions each year, this is a repeatable course.

College and Career Counseling

Students at Northwest Ohio Classical Academy enrolled in grades 9-12 receive comprehensive college and/or career counseling tailored to their future interests. Please see the chart for activities and services provided for high school students.

College Planning Tasks



Career Planning Tasks



For forms and additional resources, please visit the

[Northwest Ohio Classical Academy College and Career Digital Resource Center](#) (click on the link)