



2026-2027 Course Directory

This course directory is a catalog of courses offered at McNicholas High School. Courses are listed by department and include descriptions and prerequisites. Please use this directory in conjunction with the Curriculum Guide as you are exploring course options for the upcoming academic year. You can click on a department to go directly to its course offerings.

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ENGLISH COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS	English I Honors	English II Honors	AP Literature & Composition	AP Language & Composition English Composition CCP
COLLEGE PREP 1	English I	English II	English III	English IV English Composition CCP
COLLEGE PREP 2	English I	English II	English III	English IV
ELECTIVES	Reading Skills Journalism Speech & Debate Women in Literature Creative Writing	Journalism Advanced Journalism Speech & Debate Women in Literature Creative Writing AP Seminar	Journalism Advanced Journalism Speech & Debate Women in Literature Creative Writing AP Seminar AP Research	Journalism Advanced Journalism Speech & Debate Women in Literature Creative Writing AP Seminar AP Research

English classes are grouped by ability and weighting occurs at the appropriate level.

ENGLISH I

Course Numbers	Honors	0111	Weight: 1.06
	CP1	0113	
	CP2	0114	
Prerequisites	None.		
Credit	1		

Freshman English is a genre-study course to introduce students to a high school level analysis of different types of writing expressed through the mastery of conventions of writing in claim, evidence, reasoning formatted writing.

Students will work toward mastery of the following reading skills:

- Increased fluency and comprehension
- Identifying different types of writing and the purpose of each
- Defining and identifying literary devices
- Growing in vocabulary acquisition and application

Students will work toward mastery of the following grammar, writing, and thinking skills:

- Identifying claim, evidence, and reasoning and develop a CER pattern
- Finding textual evidence to support a claim
- Integrating quotations to support a claim
- Organizing an essay using body paragraphs, introductions, and conclusions

- Using transitional language to create idea relationships
- Using literary present tense appropriately
- Formatting a works cited page in MLA style using a citation generator
- Documenting sources using basic internal citations in MLA style
- Writing complete sentences using proper capitalization and avoiding fragments and run-ons
- Punctuating sentences correctly using commas, end-marks, and apostrophes
- Properly capitalizing and punctuating titles

Anchor texts by theme may include but are not limited to:

- Historical Fiction: *Of Mice and Men* by John Steinbeck
- Memoir/Nonfiction: *Night* by Elie Weisel (all levels), *Farewell to Manzanar* by Jeanne Wakasaki Houston, select articles from CommonLit
- Dystopian Novels: *Fahrenheit 451* by Ray Bradbury (Honors, CPI), *Red Queen* by Victoria Aveyard, *The House of the Scorpion* by Nancy Farmer, *Life as we knew it* by Susan Beth Pfeffer (CPII)
- Drama: *Romeo and Juliet* by William Shakespeare (Honors), *Peter Pan Goes Wrong* produced by the BBC (CP)
- Poetry: Selected poetry formats, Poetry Out Loud competition
- Short Stories: "The Most Dangerous Game" by Richard Connell, "A Sound of Thunder" by Ray Bradbury, "The Gift of the Magi" by O. Henry, "Two Kinds" by Amy Tan, "The Tell-Tale Heart" by Edgar Allan Poe

ENGLISH II

Course Numbers	Honors	0211	Weight: 1.06
	CP1	0212	
	CP2	0214	
Prerequisites	English I credit.		
Credit	1		

Sophomore English integrates a thematic study of American literature, focusing on connections between American history and universal themes. Students continue with more sophisticated writing and further development of grammar and vocabulary. Essential questions include "What does it mean to be an American? What is the American dream? Whose voices are heard in the texts?"

Students will work toward mastery of the following skills:

- Connecting literature to its historical context
- Recognizing literary devices in American literature
- Reading with increased fluency and comprehension
- Annotating texts using three different strategies
- Growing in vocabulary acquisition and application
- Identifying claims of fact, claims of value, and claims of policy
- Evaluating and prioritizing textual evidence to support a claim
- Developing a claim into a thesis statement
- Identifying closed, open, and counter-argument thesis statements
- Developing an essay using CER patterns
- Developing reasoning that draws a conclusion from the evidence and supports the claim
- Varying the structure of sentences and the integration of quotations
- Writing using precise language and details
- Formatting a citation in MLA style using a citation generator
- Document sources using advanced internal citations in MLA style

Anchor texts may include but are not limited to *The Crucible* by Arthur Miller, *The Catcher in the Rye* by J.D. Salinger, *A Lesson Before Dying* by Ernest Gaines, *The Great Gatsby* by F. Scott Fitzgerald, as well as short stories and poems of diverse voices.

ENGLISH III

Course Numbers	CP1 CP2	0312 0314
Prerequisites	English II credit.	
Credit	1	

Junior English is a thematic study of British Literature, both classic and modern, with an emphasis on understanding the relationships between literature and culture. It integrates a review of appropriate grammar and usage topics, a prescribed vocabulary and literary terms, and continued emphasis on mastery of writing and composition skills.

Students will work toward mastery of the following reading skills:

- Reading with increased fluency and comprehension
- Analyzing the effect of writers' literary choices
- Recognizing literary devices in British Literature
- Growing in vocabulary acquisition and application
- Students will work toward mastery of the following grammar, writing and thinking skills:
- Writing open, closed and counterargument thesis statements
- Writing claims of fact, claims of value and claims of policy
- Synthesizing evidence to support a claim given multiple sources
- Using CER to develop writing for different purposes
- Developing reasoning with multiple connections between evidence and claim
- Using coordinating conjunctions, conjunctive adverbs, and subordinating conjunctions with proper punctuation
- Using and punctuating restrictive and non-restrictive clauses
- Recognizing and using active voice
- Accurately placing modifiers to enhance sentence clarity

Anchor texts by theme may include but are not limited to: *A Monster Calls* by Patrick Ness, *The Strange Case of Dr. Jekyll and Mr. Hyde* by Robert Louis Stevenson, *Things Fall Apart* by Chinua Achebe, *The Curious Incident of the Dog in the Night-time* by Mark Haddon, excerpts from *Frankenstein* by Mary Shelley, *Beowulf* by Anonymous, and *Macbeth* by William Shakespeare, as well as choice novels by British authors

ENGLISH IV

Course Numbers	CP1 CP2	0412 0413
Prerequisites	English III credit.	
Credit	1	

Senior English is the study of non-fiction to explore shared human experience and to broaden students' views of the world. It integrates a final review of grammar and usage, a study of themes and topics through literature, prescribed study of vocabulary and literary terms, and emphasis on college-ready writing, composition, and research skills.

Students will work toward mastery of the following reading skills:

- Reading with increased fluency and comprehension
- Recognizing literary devices in nonfiction and world literature
- Understanding the effect of writers' choices on the message of their work
- Growing in vocabulary acquisition and application

Students will work toward mastery of the following grammar, writing and thinking skills:

- Synthesizing evidence from multiple sources to support a claim
- Building an argument independently using claim, evidence, and complex reasoning
- Asking a meaningful question and through inquiry discover a multi-faceted answer
- Using writing to express individual voice and advocate for self and others
- Composing sentences using parallel structure and precise language and details

Anchor texts may include but are not limited to: *Just Mercy* by Bryan Stevenson, *Educated* by Tara Westover, *Born a Crime* by Trevor Noah, *Oedipus* and *Antigone* by Sophocles, and non-fiction books of choice.

AP LITERATURE & COMPOSITION

Course Number	0411 Weight: 1.06
Prerequisites	English Teacher recommendation.
Credit	1

The course involves extensive, challenging reading and continuous writing, which focuses on critical analysis of literature. Special attention is given to analyzing how literary work generates its meaning through the strategies of language and literary convention. Literary interpretation is grounded in the evidence of the text: its diction, style, syntax, imagery, figurative language, symbols, organization, tone, and style. Literature is examined through thematic units. Probable texts include *Things Fall Apart* by Chinua Achebe, *Oedipus Rex* and *Antigone* by Sophocles, *Hamlet* by William Shakespeare, as well as numerous poems and short stories from various time periods and authors. This course is designed for students who have taken at least one year of English at the Honors level and who are seeking college credit through a high school course. Students receiving an acceptable grade on the AP Literature exam may be awarded college credit in English.

AP LANGUAGE & COMPOSITION

Course Number	0410 Weight: 1.06
Prerequisites	English Teacher recommendation.
Credit	1

This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including images as forms of text, from many disciplines and historical periods. Literature is examined through thematic units. Probable texts include *Just Mercy* by Bryan Stevenson, *First They Killed My Father* by Loung Ung, two choice non-fiction texts (one for summer reading and one during the academic year) as well as numerous short texts from various time periods and authors. This course is designed for students who have taken at least two years of English at the Honors level and who are seeking college credit through a high school course. Students receiving an acceptable grade on the AP Language exam may be awarded college credit in English.

ENGLISH COMPOSITION CCP

Course Number	0424 Weight: 1.06
Prerequisites	English Teacher recommendation for placement
Credit	1

English Composition 1001 is a writing-centered course that emphasizes the careful reading, analytical thinking, and persuasive strategies inherent in researching and writing within an academic community. Students learn that rhetorical knowledge is the basis of composing while learning to write with purpose, audience, context, and conventions in mind. Students develop rigorous academic research practices: how to locate and evaluate primary and secondary sources relevant to their line of inquiry and position their own ideas in conversation with public writing. Students also engage in regular self-reflection: articulating what they know, what they can do, and how to apply their knowledge and skills in various contexts.

AP SEMINAR

Course Number	0999 Weight: 1.06
Prerequisites	English I Honors
Credit	1

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision to craft and communicate evidence-based arguments.

AP RESEARCH

Course Number	0910	Weight: 1.06
Prerequisites	AP Seminar	
Credit	1	

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practice, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

READING SKILLS

Course Number	0136
Prerequisites	Recommendation by School Counselor based off test scores.
Credit	.5 or 1

Reading Skills is offered to first-year students who test below grade level in comprehension or vocabulary skills on their eighth-grade placement test. This is a yearlong class that can be combined with the Math Skills class. If a student is only taking Reading Skills, they will receive 1 credit. If they take it in combination with Math Skills, they will receive .5 for Reading Skills and .5 for Math Skills. The overall emphasis is placed on developing students' self-awareness of their own reading attitudes and behaviors, reading processes, and the use of reading and writing as natural components of communication in everyday life. In this context, students work on improving concentration, comprehension, vocabulary knowledge, study skills, self-esteem, reading for purpose, and writing based on reading. This class is a combination of a skills course but also a support class for English.

CREATIVE WRITING

Course Number	0547
Prerequisites	None.
Credit	.5

This class requires completion of about one creative writing assignment (poems, short story, personal narrative) per week and daily writing warm-up activities. Using both writing prompts and original topics, students work on writing and technique each day in class. One quarter of the class focuses on narrative prose, allowing the students to develop the craft of storytelling. Using the bases of plot, character, and theme, students will write a variety of fiction and non-fiction pieces, from personal memoirs to sci-fi and fantasy writing. An original work of narrative prose, completed through a process of steps, will be required of each student at the end of the narrative prose quarter. The other quarter focuses on poetry and the development of craft and style through the bases of ambiguity, imagery, and representation. Students will write a variety of types of poems, both narrative and lyrics. An ancillary goal of the class is to promote the understanding of the presence of poetry in our daily lives by looking at "non-traditional" poetry like song lyrics, advertisements, stand-up comedy, and others.

JOURNALISM

Course Number	Semester	0567
	Yearlong	0569
Prerequisites	Recommendation from English teacher or writing sample for incoming students.	
Credit	Semester	.5
	Yearlong	1

This course teaches journalistic skills such as news writing, feature writing, editorial writing, headline writing, copy editing, and interviewing. Students apply these skills through the publication of the online school newspaper, *The Milestone*. Emphasis is placed on independent work skills. Students must be recommended by their English teacher or if incoming to McNicholas, provide a writing sample for review and approval. The course is offered either for the first semester or the entire year.

ADVANCED JOURNALISM

Course Number	I	0587	Weight: 1.04
	II	0588	Weight: 1.04
Prerequisites	Journalism		
Credit	1		

This year-long course develops college-level journalistic writing and leadership skills and provides practical application of technology and media. Students assume leadership roles in the publication of the online student newspaper and create a portfolio of work published in external publications.

WOMEN IN LITERATURE

Course Number	0570		
Prerequisites	Prerequisites include an 80% or higher in English for grades 10-12 and a love of reading.		
Credit	.5		

This course will introduce students to the history, traditions, and forms of literature written by women. We will examine the effects of women writers on literature and how their works present a unique voice, consider the ways women have responded to their societal roles throughout history, and explore a range of writers and works to analyze themes and identify styles. Short stories, novels, poems, and films will be studied. Student participation is essential in responding to the work of the course. Possible units include Gender and Identity, Voice and Silence, and Images and Roles.

SPEECH AND DEBATE

Course Number	I	0568
	II	0575
Prerequisites	I: None II: (grades 10-12): Successful completion of Speech & Debate I with an 85% or above	
Credit	.5	

Speech & Debate I: This introductory course combines the art of public speaking and original oratory with argumentation and debate. The course is for students who want to learn ways to express themselves effectively, especially in front of an audience, increase their fluency as a speaker, and develop their self-confidence. It will thoroughly explore speech and debate preparation and will provide practical experience through participation. Students will be instructed on selecting speech topics, researching/documenting sources for evidence, composing original works, and enhancing verbal and physical delivery. In addition, students will participate in peer critiques and self-evaluations while developing skills that will prepare them for college and careers. Major assignments will include at least two original speeches and one small group speech (focus will be on poise body control, organization, and integration of research for evidence, tone, and appealing to direct and indirect audiences), and two debates (focus will be on ethics in argumentation, integration of research for evidence, cross-examination, and debate as a decision-making tool).

Speech & Debate II: This advanced course builds upon the foundational skills developed in Speech & Debate I, focusing on competitive speech and debate formats, advanced rhetorical techniques, and real-world advocacy. Students will master complex argumentation, develop sophisticated speaking styles, and engage in competitive-level performances. The course emphasizes independent research, advanced analytical skills, and professional presentation techniques. Students will participate in various competitive formats including Lincoln-Douglas Debate, Public Forum, Congressional Debate, and Interpretive Speaking. Major assignments will include advanced rhetorical analysis, competitive debate performances, interpretive presentations, and a final capstone project that demonstrates mastery of multiple speech and debate skills.

SENIOR THEOLOGY & ENGLISH SEMINAR

Course Numbers	2444		
Prerequisites	Placement of English IV CP1		
Credit	1		

The Senior Theology & English Seminar is a collaboration of English IV CP1, Catholic Social Teaching and World Religions. Students will work through the material of their senior level English course and well as their senior theology courses throughout the course of the year. Throughout the course, students will develop a deeper understanding of how religious traditions and social teachings shape both personal and societal action, fostering a vision of a just and compassionate world. The course will also encourage students to reflect on their own moral and ethical frameworks and how literature and theology challenge or reinforce these perspectives. Through critical readings, discussions, and research projects, students will engage with the complex relationship between faith, literature, and social justice, and learn to articulate their understanding of these intersections in both written and oral forms.

MATHEMATICS COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS*	Algebra I	Algebra II & Geometry	Pre-Calculus	AP Calculus AB/BC Calculus Statistics CCP
COLLEGE PREP 1	Algebra I	Geometry	Algebra II	Pre-Calculus Statistics CP1 Statistics 1 CCP Algebra III CCP
COLLEGE PREP 2	Algebra I	Geometry	Algebra II Quantitative Reasoning	Algebra III CCP Applied Math Statistics Quantitative Reasoning
COLLEGE PREP 3	Algebra I Part 1	Algebra I Part 2	Geometry	Algebra II Quantitative Reasoning

*To maintain a seat in the honors track, there is a requirement an 80% or higher each year as well as the recommendation of your teacher.

**Incoming freshmen have the option of testing out of the subject areas in the spring of their 8th grade year. Students demonstrating mastery of the subject will be moved in the subsequent math course. More information will be provided when incoming 9th graders schedule their classes.

ALGEBRA I

Course Numbers	Honors	1111	Weight: 1.06
	CP1	1113	
	CP2	1116	
Prerequisites	Satisfactory score on placement test and recommendation of teacher.		
Credit	1		

Algebra I is a one-year course designed for freshmen with sufficient (CP2), average (CP1), or above average (Honors) mathematical ability and achievement. An in-depth understanding and proficiency in the theory of numbers and operations is expected. The topics covered include numerical operations and expressions, one-variable equations, relations and functions, linear equations and inequalities, systems of linear equations, exponents and roots, exponential functions, polynomials, quadratics, and foundational statistics. These courses will prepare students for graduation tests required for Ohio.

ALGEBRA I CP3 Part 1

Course Numbers	1115
Prerequisites	None.
Credit	1

This course has been developed for students who plan to enter college but do not have a sufficient math background or ability to complete a one-year course. Algebra I CP3 is for those students whose tests indicate below-average mathematical achievement. This course will provide students with all the concepts and skills needed to meet the challenges of algebra. Part one will cover solving equations and inequalities and introduce functions and linear functions. This course will prepare students for graduation tests required for Ohio.

ALGEBRA I CP3 Part 2

Course Numbers	1218
Prerequisites	Completion of Algebra I Part 1
Credit	1

This is a follow-up to Algebra I CP3 Part 1. This course will review the skills learned in part 1. Part 2 will cover exponents and exponential functions, polynomials and factoring, quadratic equations, radical expressions, rational expressions, and data analysis and probability. Additionally, this course will focus on expanding students' thinking to the real-world applications of algebra. This course will prepare students for graduation tests required for Ohio.

GEOMETRY

Course Numbers	Honors	1211	Weight 1.06
	CP1	1212	
	CP2	1214	
	CP3	1215	
Prerequisites	Completion of Algebra I or its equivalent, placement per teacher recommendation.		
Credit	1		

The geometry course places a great deal of emphasis on the concept of proof. Using definitions, postulates, and theorems, the students are required to reason logically to arrive at a given conclusion. The different geometric concepts involved deal with segments, rays, lines, planes, angles, circles, triangles, quadrilaterals, and other polygons. The relationships of equality, congruency, and similarity are also explored in depth. There is also an emphasis on numeric and algebraic exercises. Area and volume formulas for various planes and solid figures are studied. Slopes, distances, and midpoints will be studied. There is also an introduction to trigonometry using right triangles in the CP1 and honors level. These courses will prepare students for the graduation tests required by Ohio.

ALGEBRA II

Course Numbers	Honors	1221	Weight 1.06
	CP1	1312	
	CP2	1314	
	CP3	1315	
Prerequisites	Completion of Geometry, placement per teacher recommendation.		
Credit	1		

The course begins with a strong review of Algebra I, covering such topics as sets of numbers, open sentences in one variable, systems of linear equations, polynomial operations and factoring, and rational numbers and expressions. Working with radical expressions is used to develop an introduction to the complex number system. The concepts of relation and function, emphasizing linear and quadratic relations and functions, and the exponential and logarithmic functions over the set of real numbers, are developed. CP1 and honors level courses will explore specific sections and their properties, as well as Trigonometry, including Law of Sines and Cosines. Topics in probability including permutations and combinations are studied. These courses will prepare students for graduation tests required for Ohio and fulfill the Algebra II graduation requirement.

APPLIED MATH

Course Numbers	1414
Prerequisites	Completion of Algebra II and teacher recommendation.
Credit	1

This course covers many of the same topics as Algebra II but treats them in greater depth and focuses more on practical applications. Topics covered include absolute values, linear graphs of equations and inequalities, applications of linear systems, solving and graphing advanced polynomials using technology and extensive factoring, rational expressions and their applications, roots, radicals, complex numbers, logarithmic and quadratic equations and inequalities.

COLLEGE ALGEBRA CCP

Course Numbers	CCP	1415	Weight 1.06
	Intro	1416	
Prerequisites	Completion of Algebra II and teacher recommendation.		
Credit	CCP 1 and Intro is .5		

This college level course focuses on concepts and applications of algebra. Students taking this course are expected to show general mastery of Algebra 2 concepts and should be prepared to move at a swift pace. The course follows the concepts and pacing of Cincinnati State's MAT 151 course. Topics include representing linear, exponential, logarithmic, power, polynomial, and rational functions numerically, graphically, and algebraically. Credit could transfer to other colleges. Students must apply to the College's CCP program, and additional fees and costs will be payable to the university as this is a course that earns college credit through a separate institution. State funding is available, please [Ohio Department of Education College Credit Plus](#) for more information.

PRE-CALCULUS

Course Numbers	Honors 1311 Weight 1.06 CP1 1412
Prerequisites	Completion of Algebra II and placement per teacher recommendation.
Credit	1

This course is designed for students anticipating taking Calculus in the future. Subject matter includes extensive work with functions, graphing, conic sections, and logarithms. Trigonometric functions and their graphs, identities, and equations are also covered. The course also includes an introduction to matrices, polar coordinates and sequences, and series. The concluding section of the course gives a brief introduction to calculus through the concepts of limits, continuity, and derivatives.

CALCULUS

Course Numbers	1421 Weight 1.04
Prerequisites	Completion of Pre-Calculus or recommendation by teacher.
Credit	1

This one-year course in Calculus will begin with a review of fundamental Precalculus concepts. Rules of differentiation and integration will be introduced and practiced. Calculus is designed to introduce students to the concepts of Calculus, including limits, differentiation, optimization, and integration. This is a challenging course that includes a detailed study of elementary functions.

AP CALCULUS AB

Course Numbers	1411 Weight 1.06
Prerequisites	Completion of Honors Precalculus with an 80% or higher teacher recommendation.
Credit	1

This college-level one-year course begins with a very brief review of diverse types of functions and examines the concepts of continuity and the limit of functions. The idea of a limit will lead to a definition of the derivative of a function. Rules for finding various types of derivatives will be developed, and applications of the derivative will be explored. At this point, the concept of the "antiderivative" will be introduced, and its relation to the definite integral will be examined, along with different types of functions, e.g., polynomial, logarithmic, exponential, and trigonometric. Applications of the integral will be studied, setting the stage for an introduction to future higher-level math courses. This course is specifically geared towards preparing students to take the AP Calculus exam. As such, the pace is very swift, and the course requires performance with and without the use of a calculator.

AP CALCULUS BC

Course Numbers	1422 Weight 1.06
Prerequisites	Completion of AP Calculus AB.
Credit	1

This college-level one-year course will begin with a brief review of AB topics, such as limits, optimizations, area, and volume. New applications of arc length and surface areas of revolution, as well as integration by parts and integrations by partial fractions, will be studied. Most of this course deals with the Calculus of sequences and series and their divergence or convergence. This course is specifically designed to prepare students to take the AP Calculus BC exam in May.

STATISTICS

Course Numbers	1423
Prerequisites	Completion of Algebra II or equivalent and recommendation by teacher.
Credit	1

This course can count as a 4th-year math requirement or as an additional math elective.

A course on descriptive and inferential statistics. Topics include: the purpose of statistics, univariate and bivariate descriptive statistics, probability, normality and sampling distributions, confidence intervals, and hypothesis testing.

INTRO TO STATISTICS 1 and STATISTICS 1 CCP

Course Numbers	Intro to Stats 1 1444 Statistics 1 CCP 1424 Weight 1.06
Prerequisites	Intro to Stats 1: Completion of Algebra II and recommendation by teacher. CCP: Completion of Intro to Statistics 1 and Algebra II with a B average and a recommendation by teacher
Credit	Intro to Statistics 1 - .5 credit and Statistics 1 CCP – 1 credit

This course can count as a 4th-year math requirement or as an additional math elective.

Students will take the Intro to Statistics 1 semester course in the fall. Students will then proceed to take the semester Statistics CCP 1 course in the spring. Topics include: the purpose of statistics, univariate and bivariate descriptive statistics, probability, normality and sampling distributions, confidence intervals, and hypothesis testing. Students must apply to the College's CCP program, and additional fees and costs will be payable to the university as this is a course that earns college credit through a separate institution. State funding is available, please [Ohio Department of Education College Credit Plus](#) for more information.

QUANTITATIVE REASONING

Course Numbers	1433
Prerequisites	Completion of Algebra I & Geometry.
Credit	1

*This course can count as an Algebra II equivalent or a 4th math credit for Ohio graduation requirements. **Students, please be aware that most colleges advise students to take Algebra II in high school for admission depending upon the major you are interested in.***

Quantitative Reasoning (QR) is the application of basic mathematics skills, such as algebra, to the analysis and interpretation of quantitative information (numbers and units) in real-world contexts to make decisions relevant to daily life. Critical thinking is its primary objective and outcome. The course is designed to promote reasoning, problem-solving, and modeling through thematic units focused on mathematics. If you choose to take this course in place of Algebra II, you should check with admissions and advising offices of institutions of higher education to see if this is a viable path. If you are pursuing a Calculus-based STEM career pathway, it is advised to take Algebra II.

THEOLOGY COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
REQUIRED COURSES	Catholic Christianity Scripture I	Scripture II Morality	Church History Sacraments	Catholic Social Teaching
				<u>Second required option</u> World Religions Biblical Literature Dual Credit Catholic Discipleship

CATHOLIC CHRISTIANITY

Course Numbers	2115
Prerequisites	None. Required for grade 9.
Credit	.5

This one-semester course gives students the knowledge to articulate the argument for the existence of God as presented by the Catechism of the Catholic Church. Students will understand the basic tenets of the Catholic faith as well the Sacraments, Liturgy and will grow in their belief of the real presence of Christ in the Eucharist. Students will understand the importance of prayer and by introduced to important topics in Catholic Morality.

SCRIPTURE I (*Hebrew Scriptures*)- *The Revelation of Jesus Christ in Scripture*

Course Numbers	2111
Prerequisites	None. Required for grade 9.
Credit	.5

This one-semester course gives students a broad knowledge and appreciation of scripture as they encounter Jesus Christ. The purpose of scripture, the people of the scriptures, the development through oral tradition, textual understanding, and the sacred messages in scriptures, especially the Old Testament, will be thoroughly examined. A special emphasis will be placed considering preparing for the Messiah, Jesus Christ.

SCRIPTURE II – *The Mission of Jesus Christ*

Course Numbers	2112
Prerequisites	None. Required for grade 10.
Credit	.5

This one-semester course involves a search for identity as a Catholic by studying the life, ministry, message, and meaning of Jesus, as our center. Insights into Jesus will be explored through the study of the Gospels, the Jewish people of Jesus' time, and insights of St. Paul. The Trinity and Mary will also receive special emphasis.

MORALITY- *Life in Jesus Christ*

Course Numbers	2212
Prerequisites	None. Required for grade 10.
Credit	.5

In this one semester course, there is learning the basic moral principles, discernment and decision-making processes, and clear Church teaching on moral issues, such as human sexuality. Many issues such as abortion, capital punishment, and euthanasia will be examined. The theological and moral virtues will be studied to develop and make clearer, a vision of what a moral Christian life is all about.

SACRAMENTS- *Sacraments as Privileged Encounters with Jesus Christ*

Course Numbers	2311
Prerequisites	None. Required for grade 11.
Credit	.5

This one semester course offers an opportunity to explore the rich traditions of sacramental theology and practice. It seeks to engage students in an encounter with the essential elements of Catholic life so that they can better appreciate the deep meaning of the encounter with Jesus through the Sacraments. The emphasis is on discovering the connection between the celebration of the Sacraments and lived faith in daily life.

CHURCH HISTORY- *Jesus Christ's Mission Continues in The Church*

Course Numbers	2211
Prerequisites	None. Required for grade 11.
Credit	.5

Students will be studying the life of the Church over the centuries with a focus on the historical developments in the areas of: Church leadership, Magisterial teaching, Lay and Religious Spirituality and Church involvement in the world. The expectation is that the students will understand the full meaning of the phrase, "we are a pilgrim church."

CATHOLIC SOCIAL TEACHING - *Living as a Disciple of Jesus Christ in Society*

Course Numbers	2411
Prerequisites	None. Required for grade 12.
Credit	.5

This one semester course is rooted in the social teaching of the Catholic Church. It examines the important Catholic Social Teachings of the past century and the prophetic challenge they proclaim to our society and to all Catholics. Completion of the required Community Service is expected before this class is taken.

WORLD RELIGIONS- *Interreligious and Ecumenical Issues*

Course Numbers	2412
Prerequisites	None
Credit	.5

This course responds to the document *nostra aetate* (in our time). In this milestone document, the Council called for a mutual understanding between Catholics and other religious traditions. It encourages "dialogue and collaboration" with people of other religions. For students to engage in dialogue and collaboration, it is important that they begin with some knowledge of other religious traditions for their efforts to be fruitful. An open mind and heart as well as respect for the "other" are important for each student to have as they strive to learn as much as they can about various religious traditions. In this way, we respond to Jesus' Greatest Commandment: *to love our neighbor as ourselves*. As students explore other religious traditions, through the lens of the Catholic tradition, students will have their own faith enriched through this course.

CATHOLIC DISCIPLESHIP IN THE 21st CENTURY

Course Numbers	2521
Prerequisites	Catholic Social Teaching and recommendation by Theology teacher. Available to grade 12.
Credit	.5

This course focuses on living Catholic Social Teaching as a citizen of the world. In this semester course, students explore the social issues introduced in the Social Justice course on a deeper level, examining the complexity of historical understanding surrounding these issues. Students examine our call as global citizens to an intentional way of living in light of Catholic teachings. Students study topics such as the Holocaust, genocide, racism, and sexism. The course looks at ways to develop action steps to meet the challenges of today's world with hope by promoting peace and protecting the dignity of each human being.

BIBLICAL LITERATURE I Dual Credit

Course Numbers	2511 Weight 1.06
Prerequisites	Recommendation by Theology teacher and English teacher required. Available to grade 12
Credit	1

This course will be offered to seniors as Dual Credit Course, in cooperation with Mt. St. Joseph University. A total of three college credits, from Mt. St. Joseph University will be awarded upon the successful completion of this course. A fee of \$150 will be required for college credit. This course may replace World Religions but not Catholic Social Teaching.

The sacred history and literature of ancient Israel as the focus of God's self-revelation. The course will unite historical study, archeology, literary analysis, and biblical theology.

SENIOR THEOLOGY & ENGLISH SEMINAR

Course Numbers	2444
Prerequisites	Placement of English IV CP1
Credit	1

The Senior Theology & English Seminar is a collaboration of English IV CP1, Catholic Social Teaching and World Religions. Students will work through the material of their senior level English course and well as their senior theology courses throughout the course of the year by engaging in explorational learning opportunities both inside and outside of the classroom. Throughout the course, students will develop a deeper understanding of how religious traditions and social teachings shape both personal and societal action, fostering a vision of a just and compassionate world. The course will also encourage students to reflect on their own moral and ethical frameworks and how literature and theology challenge or reinforce these perspectives. Through critical readings, discussions, and research projects, students will engage with the complex relationship between faith, literature, and social justice, and learn to articulate their understanding of these intersections in both written and oral forms.

SOCIAL STUDIES COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS		AP US History	AP Government and Politics	AP World History: Modern
COLLEGE PREP 1		Modern American History	Government	Modern World History
COLLEGE PREP 2	American Government & Civics	Modern American History		Modern World History
ELECTIVES <i>Do not count toward 3 required Social Studies credits</i>	Historical Icons, Events & Movements	Introduction to Legal Procedures Psychology Historical Icons, Events & Movements	AP Psychology Introduction to Legal Procedures Psychology Rocket Leadership Historical Icons, Events & Movements	AP Psychology Introduction to Legal Procedures Psychology Rocket Leadership Historical Icons, Events & Movements

AMERICAN GOVERNMENT & CIVICS

Course Numbers	3120
Prerequisites	None.
Credit	1

Students will understand the major privileges, structures, and economic systems that affect the life of a citizen in the United States political system. The students will focus on the development of the Constitution and the Bill of Rights and study the court cases defining our rights and limitations. Students will have a thorough understanding of our nation's political party system, as well as the government relationships within our federal system and the separation of powers/checks and balances within our national government. Students will also examine the structure and function of the US government and its relationship to states and citizens. This course counts towards Social Studies – Government requirement for graduation.

MODERN AMERICAN HISTORY

Course Numbers	CP1 3224 CP2 3222
Prerequisites	Social Studies or English Teacher Recommendation for CP1.
Credit	1

This course is a general survey course that analyzes the political, economic, social, and cultural growth of the United States from the post-Civil War Reconstruction era to the present day in the context of the major historical events that have shaped American society. This course counts towards Social Studies – American History requirement for graduation.

AP US HISTORY

Course Numbers	3211 Weight 1.06
Prerequisites	English teacher recommendation and completion of English I Honors with an 85% or higher or English I CP1 with a 93% or higher.
Credit	1

AP U.S. History is an introductory college-level U.S. history course. Students cultivate their understanding of U.S. history from c. 1491 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and topics in American history. At completing this course, students can take the College Board Examination. Students receiving a three or better on the exam may be awarded college credit for this course. This course counts towards Social Studies – American History requirement for graduation.

GOVERNMENT

Course Numbers	3320
Prerequisites	Modern American History or its equivalent.
Credit	1

This course will focus on the development of the Constitution and the Bill of Rights and study the court cases defining our rights and limitations. Students will have a thorough understanding of our nation's political party system, as well as the governmental relationships within our federal system and the separation of powers/checks and balances within our national government. This course counts towards Social Studies – Government requirement for graduation.

AP US GOVERNMENT & POLITICS

Course Numbers	3311 Weight 1.06
Prerequisites	Social Studies teacher recommendation, a minimum grade of 89% in AP US History or 93% in Modern American History, and a minimum grade of 85% in English II Honors or a minimum of 90% in English II CPI.
Credit	1

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and topics in U.S. Government. At the completion of this course, students have the option of taking College Board Examinations on U.S. Government & Politics. Students receiving a three or better on the exam may receive college credit for this course. This course counts towards Social Studies – Government requirement for graduation.

MODERN WORLD HISTORY

Course Numbers	CP1 3427 CP2 3425
Prerequisites	Recommendation by English Teacher for CP1.
Credit	1

The course provides an in-depth analysis of global history during the modern era beginning in 1750 and beyond with a focus on the major political, social, military, and economic events that have taken place and continue to take place in the world today. Students will understand the major cultures and events in Europe, Africa, Asia, and South America during modern times. This course counts towards Social Studies – World History requirement for graduation.

AP WORLD HISTORY: MODERN

Course Numbers	3440 Weight 1.06
Prerequisites	Social Studies teacher recommendation, a minimum grade of 85% in AP US Government or 93% in Government, and a minimum grade of 85% in English III Honors or a minimum of 90% in English III CPI.
Credit	1

AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and topics in World History. At completing this course, students can take the College Board Examination. Students receiving a three or better on this exam may earn college credit for the course. This course counts towards Social Studies – World History requirement for graduation.

INTRODUCTION TO LEGAL PROCEDURES

Course Numbers	3547
Prerequisites	None.
Credit	.5

This challenging one-semester course is about how the law works in today's society. Students will learn about court procedures, constitutional rights, and problem-solving. Students will be expected to participate in a mock trial during class. Students will examine the role of the citizen in both criminal and civil litigation. This course has a limited class size and is recommended for those interested in law in general. This course has elective status only and does not qualify for the Ohio graduation requirements for the required social studies courses.

PSYCHOLOGY

Course Numbers	3237
Prerequisites	None.
Credit	.5

This one semester course will provide a basic understanding of the principles of psychology through a variety of approaches to studying psychology. Throughout the semester, the course will cover topics in learning and cognition, body and mind, development, personality, social psychology, and career opportunities in psychology. Coursework will include examination of case studies and completion of short simulations or experiments in addition to readings from the text. This course has elective status only and does not qualify for the Ohio graduation requirements for the required social studies courses.

AP PSYCHOLOGY

Course Numbers	3660 Weight 1.06
Prerequisites	Teacher recommendation
Credit	1

AP Psychology introduces students to the systematic and scientific study of human behavior and mental processes. The course explores the psychological facts, principles, and phenomena associated with each of the major subfields within psychology, including biological bases of behavior, sensation and perception, learning, cognition, motivation, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. Students will learn to think critically about behavior and mental processes, apply psychological concepts to real-life situations, and understand the methods psychologists use in their science and practice. Emphasis is placed on building scientific reasoning skills, analyzing research studies, interpreting data, and understanding ethical considerations in psychology. The goal is to prepare students for the AP Psychology Exam, where they can earn college credit and/or advanced placement in college courses.

ROCKET LEADERSHIP

Course Numbers	3550
Prerequisites	None.
Credit	.5

This semester course is designed to help students recognize and develop skills that will enable them to serve as compassionate leaders at McNicholas, in the community, and in the world. The course will help students gain an understanding of their God-given brilliance by using their gifts to positively impact others. This is a semester course open to juniors and seniors. There will be one section per semester, and it will be limited to 25 students. The course provides a combination of practical skills and relevant concepts. The course guides students to go on a journey of self-discovery, build healthy relationships, and positively contribute to the culture of McNicholas and future places of study and work. Coursework will consist of a blend of interpersonal reflection, small & large group work, outside readings, guest speakers, role-playing, and presentations. The class will provide a hands-on experience that improves belonging, creates understanding, and develops skills that help students become the best version of themselves. This course has elective status only and does not qualify for the Ohio graduation requirements for the required social studies courses.

HISTORICAL ICONS, EVENTS & MOVEMENTS

Course Numbers	3559
Prerequisites	None.
Credit	.5

This social studies elective invites students to explore pivotal moments in history and the iconic figures who shaped them. Through an engaging mix of lectures, discussions, and project-based learning, students will investigate the impact of historical leaders, activists, innovators, and movements that have influenced the course of history. The class will delve into the lives of influential individuals such as political leaders, philosophers, revolutionaries, and cultural icons, as well as the significant events that altered the trajectory of nations. Topics will include but are not limited to the rise and fall of empires, the effects of scientific and technological advancements, key political revolutions, and the cultural and social movements that defined eras. Students will develop critical thinking and analytical skills, evaluate historical sources, and engage in collaborative projects that explore how these icons and events continue to shape the modern world. This course offers a comprehensive understanding of the people and events that have left an indelible mark on history. This course has elective status only and does not qualify for the Ohio graduation requirements for the required social studies courses.

WORLD LANGUAGES COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS	French I Honors Latin I Honors Spanish I Honors	French I, II Honors Latin I, II Honors Spanish I, II Honors	French I, II, III Honors Latin I, II, III Honors Spanish I, II, III Honors	AP French Language & Culture Latin CCP AP Spanish Language & Culture
COLLEGE PREP	French I Latin I Spanish I	French I, II Latin I, II Spanish I, II	French I, II, III Latin I, II, III Spanish I, II, III	French II, III, IV Latin II, III, IV Spanish II, III, IV
ELECTIVES	Culinary French	Culinary French	Culinary French	Culinary French

FRENCH I

Course Numbers	French I 4122 French I Honors 4121 Weight 1.06
Prerequisites	Language aptitude as indicated by entrance test or departmental test.
Credit	1

This is an introductory course to the French language with extensive practice in the skills of listening, speaking, reading, and writing. Attention is given to the development of vocabulary and to comprehension of the structure of the language, especially the correct use of verbs in the present tense. French culture and its influence on the world community is introduced.

Honors students will be required to complete supplementary homework assignments throughout the year as well as one additional major writing assignment each quarter. Honors students will be given higher-level assessment opportunities. Honors students are required to participate in *Le Grand Concours*, the National French exam. It is encouraged that Honors students continue in French at least through the third year.

FRENCH II

Course Numbers	French II 4222 French II Honors 4221 Weight 1.06
Prerequisites	Passing grade in French I or probationary status if French I average is 77% or below. Available to grade 9 if a student has completed French I elsewhere and the student demonstrates proficiency on the French placement test. Honors: Completion of French Honors I with an 85% or teacher recommendation
Credit	1

This course expands all skills and includes a review of French I material. There is an emphasis on many new irregular verbs, and the past tense is practiced extensively. Concentration is placed on grammar construction, while also stressing conversation, writing skills, oral recitation, and conjugation. The study of francophone culture continues.

In addition to the material covered in French II, honors students will have higher-level assessment opportunities as well as supplementary homework assignments and an additional writing assignment each quarter. Honors students are required to participate in *Le Grand Concours*, the National French exam. Honors students are encouraged to continue in French at least through the third year.

FRENCH III

Course Numbers	French III 4322 Weight 1.04 French III Honors 4323 Weight 1.06
Prerequisites	French III: Teacher recommendation with an 85% average in French II or by teacher invitation in special circumstances. French III Honors: Completion of French I Honors and French II Honors or French II by teacher recommendation.
Credit	1

This course reviews grammar and reinforces communication skills taught in levels I and II, expands vocabulary, and introduces verb tenses and grammatical structures preparatory to French IV and AP French. Students are encouraged to speak only French.

In addition to the material covered in French III, Honors students will continue having higher-level assessment opportunities and additional writing assignments. French III Honors students are required to participate in *Le Grand Concours*, the National French exam. French III Honors students often continue in French IV or AP French.

FRENCH IV

Course Numbers	4422 Weight 1.04 Honors 4453 Weight 1.06
Prerequisites	Teacher recommendation with an 85% in French III.
Credit	1

This course fully utilizes communication in French at all opportunities including everyday topics and literary works. The study of verb tenses and grammatical structure intensifies. The goal is to achieve a fluid and natural mode of written and oral communication and to speak French exclusively in the classroom. Emphasis on francophone culture continues with an appreciation of the mutual and reciprocal influence between both cultures. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

AP FRENCH LANGUAGE & CULTURE

Course Numbers	4423 Weight 1.06
Prerequisites	Teacher recommendation based on aptitude and outstanding grades.
Credit	1

This course is designed to prepare students for French proficiency in speaking, reading, writing, listening, and grammar and therefore enable them to take the AP French Language exam. AP French students should advance both fluency and accuracy in language use. To achieve this goal, the course is taught almost exclusively in French. The course will teach language structures in context and focus on the development of fluency to convey meaning. Culture is an important component of the course. The use of francophone websites will be incorporated weekly. Taking the advanced placement exam is a requirement of this course. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

CULINARY FRENCH

Course Numbers	4424 Lab Fee: \$50
Prerequisites	Teacher recommendation
Credit	.5

Culinary French is a hands-on, one-semester course that teaches students how to cook like a French native and speak conversationally. Our menu focuses on regional specialties, from macarons to boeuf Bourguignon. Madame B makes French language, culture, and cuisine enjoyable and accessible. Chefs will make decadent desserts and sumptuous dishes, all while learning how to speak and understand French. There will be a \$50 lab fee associated with this course. Major emphasis is placed on: French culinary techniques, food preparation, handling, and safety, enjoyment of rich cuisine and appreciation for ingredients, basic vocabulary and grammar and listening, speaking, reading, and writing French.

Important Allergy Disclaimer: Students with food allergies are encouraged to consult with the instructor before enrolling in the course or prior to any cooking sessions. Food allergies and sensitivities may arise during hands-on activities. Specifically, our traditional French recipes use a significant amount of eggs, butter, and cream, so full participation isn't possible without preparing and/or consuming these ingredients. While some ingredient substitutions are possible, the instructor may not be able to guarantee an allergen-free environment.

LATIN I

Course Numbers	Latin I 4132 Latin I Honors 4131 Weight 1.06
Prerequisites	Language aptitude as indicated by entrance test or departmental test.
Credit	1

Latin I is a foundational course in the Latin language and Roman culture. Its main goal is to familiarize students with basic Latin language concepts so that these concepts can be built upon in later courses. To that end, the course will equip students with an in-depth understanding of Latin grammar, syntax, and vocabulary. Special emphasis will be put on reading skills and vocabulary acquisition. These elements are vital to continued success in later Latin courses. In addition, and in order to show the students that a language does not develop in a vacuum, we will also study Roman culture in depth, covering a range of topics including but not limited to government, social customs, arts, and leisure. Latin I Honors is meant to set students on a track toward the Advanced Placement Latin Course. The Latin I Honors course will pay special attention to grammatical constructions and equip students with a larger, more comprehensive vocabulary. Students will complete a more rigorous curriculum and will be expected to learn at a faster pace.

LATIN II

Course Numbers	Latin II Honors 4231 Weight 1.06 Latin II 4232
Prerequisites	Latin II: Latin I credit and teacher recommendation. Latin II Honors: Language aptitude as indicated by entrance test or departmental test or teacher recommendation.
Credit	1

Latin II is a continuation of the Latin course of study begun in Latin I. Students will call upon their Latin reading skills and vocabulary in everyday practice. Upon that foundation, we will build further Latin language skills, incorporating more complex grammar points and syntax characteristics. As our skills progress, we will move away from adapted Latin passages and begin to work on Latin written by actual Romans. To complement this reading, the class will also focus on Roman history, architecture, mythology, and other cultural elements.

Latin II Honors is meant to set students on track toward the Advanced Placement Latin Course. The Latin II Honors course will pay special attention to grammatical constructions and equip students with a larger, more comprehensive vocabulary. Students will complete a more rigorous curriculum and will be expected to learn at a faster pace.

LATIN III

Course Numbers	Latin III Honors 4331 Weight 1.06 Latin III 4332 Weight 1.04
Prerequisites	Language aptitude as indicated by entrance test or departmental test or teacher recommendation.
Credit	1

Latin III is a reading-based course that uses all knowledge gained during the Latin I and II courses. Students will encounter a comprehensive and methodical review of Latin language characteristics while engaging in close readings of Latin literature from Ovid, Catullus, Seneca, Martial, and other authors. So that our study of Latin literature is complete, we will study Roman literary techniques and traditions, the life and times of the authors, and the contexts in which the works were written and read. Students will leave the class with strong reading skills and a formidable knowledge of the Classical Latin canon. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

LATIN IV

Course Numbers	4432 Weight 1.04
Prerequisites	Teacher recommendation based on aptitude and grades.
Credit	1

This course aims at an in-depth study of one of the great works of Western civilization, the Aeneid of Virgil. Discussion of the poem's major themes and study of its poetic techniques will add depth to the reading. Linguistic accuracy, speed, and comprehension, together with facility in the communication of ideas are emphasized. Other poets to be read and discussed include Ovid, Catullus, Horace, and Martial. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

ELEMENTARY LATIN CCP

Course Numbers	4439 Weight 1.06
Prerequisites	Teacher invitation based on aptitude and grades.
Credit	1

LATN 1012 is the second course in the introductory Latin sequence in partnership with the University of Cincinnati, designed for students who have completed previous Latin courses or who possess equivalent foundational knowledge of the language. Building on the basics of Latin grammar, vocabulary, and sentence structure introduced in the first semester, this course moves students toward greater reading proficiency and comprehension. Throughout the semester, students deepen their understanding of Latin morphology and syntax, including more complex verb forms, subordinate clauses, and idiomatic constructions. Emphasis is placed on developing stronger translation skills through frequent reading of connected Latin passages. Many sections use the Lingua Latina series or similar immersive texts to help students internalize the language in context while reinforcing cultural and historical elements of the ancient Roman world.

AP LATIN

Course Numbers	4431 Weight 1.06
Prerequisites	Teacher invitation based on aptitude and grades.
Credit	1

This course will prepare those interested in the Advanced Placement Examination. Students will read selections from Caesar's *De Bello Gallico* and Virgil's *Aeneid* according to the AP syllabus. Emphasis will be placed on sight translation skills, reading comprehension, and a formidable understanding of the culture and history in which the works were written. Throughout the course, grammar and vocabulary will be reviewed, but students will be expected to have a working knowledge of Latin attained in previous courses in addition to a comprehensive vocabulary. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

SPANISH I

Course Numbers	Spanish I Honors 4111 Weight 1.06 Spanish I 4112
Prerequisites	Language aptitude as indicated by entrance test or departmental test.
Credit	1

This course concentrates on communicating in Spanish through the study of the four skills of listening, speaking, reading, and writing. Using a natural approach, highly interactive stories, comprehensible input, and TRPS (Teaching Proficiency reading through Reading and Storytelling) an immersion-like environment is created for authentic communication and maximum fluency and acquisition. Spanish I Honors, to be followed by Spanish II Honors, is designed to prepare students to take Advanced Placement Spanish during their senior year. Supplemental materials are utilized to provide additional proficiency in order to be successful in Advanced Placement Spanish. Students are expected to learn at a fast pace with a more rigorous curriculum.

SPANISH II

Course Numbers	Spanish II Honors 4211 Weight 1.06 Spanish II 4212
Prerequisites	Honors: Teacher recommendation Spanish II: Passing grade in Spanish I at the high school level or taken during 7th and 8th grades (probationary status required if Spanish I grade is 77% or below) or completion of Spanish I CPII with a grade of 85% or above and teacher recommendation
Credit	1

This course will greatly improve students' skills in communicating in Spanish. There will be a review of the material covered in Spanish I. More intensive emphasis is placed on cultural studies and the four basic skills of speaking, listening comprehension, reading, and writing are refined through more extensive communication in the target language. As the year progresses, additional grammar, vocabulary, and verb tenses are gradually and steadily incorporated. Spanish II Honors follows Spanish I Honors and is preparing the students to be successful in Advanced Placement Spanish. A supplemental workbook is utilized in order to provide additional vocabulary and grammar. Students are expected to learn at a faster pace.

SPANISH III

Course Numbers	Spanish III Honors 4311 Weight 1.06 Spanish III 4312 Weight 1.04
Prerequisites	Honors: Teacher recommendation Spanish III: Teacher recommendation with an 85% average.
Credit	1

This course will require students to communicate for extended periods of time in Spanish. This level reinforces and refines all material previously taught in levels I and II while presenting new material, especially in the areas of verb usage, grammar, and reading. Stress is placed on the continual in-depth development of the basic skills of speaking, listening comprehension, reading, and writing. Emphasis is given to a more broadened awareness of the richness and variety of the Hispanic world and its impact and enrichment of the culture of the United States. Spanish III Honors follows II Honors and is preparing the students to be successful in Advanced Placement Spanish. A supplemental workbook is utilized in order to provide additional vocabulary and grammar. Students are expected to learn at a faster pace. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

SPANISH IV

Course Numbers	Spanish IV Honors 4412 Weight 1.06 Spanish IV 4455 Weight 1.04
Prerequisites	Teacher recommendation with an 85% average.
Credit	1

This course fully utilizes communication in the target language at all opportunities including everyday topics and literary works. The study of verb tenses and grammatical structure intensifies. The goal is to achieve a fluid and natural mode of written and oral communication. Continued emphasis is placed on familiarization with the Hispanic culture and the mutual and reciprocal influence between both cultures. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

AP SPANISH LANGUAGE & CULTURE

Course Numbers	4411 Weight 1.06
Prerequisites	Teacher invitation based on aptitude and outstanding grades.
Credit	1

This course is taught exclusively in Spanish and is the equivalent of a third-year college course in advanced Spanish composition and conversation. It encompasses aural and oral skills, as well as reading comprehension, and consists of extensive training in the organization and writing of formal and informal correspondence. The student will be expected at the completion of the course to take the College Board Examination for the Spanish Language. Students receiving a three or better on the exam may receive college credit for the course. By participating in this course, students will have the opportunity to earn the Ohio Seal of Biliteracy. Please see our school website for more information about the benefits of the Ohio Seal of Biliteracy.

SCIENCE COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
HONORS*	Biology	Chemistry	AP Biology AP Chemistry AP Physics I	AP Biology AP Chemistry AP Physics I AP Physics II
COLLEGE PREP	Biology	Anatomy & Physiology Environmental Science	Chemistry Culinary Chemistry	Physics Anatomy & Physiology Culinary Chemistry
	Environmental Science	Biology	Chemistry Anatomy & Physiology Culinary Chemistry	Chemistry Anatomy & Physiology Culinary Chemistry
ELECTIVES			Engineering CCP Food Science	Engineering CCP Food Science

Progression in the science curriculum is dependent upon student performance and teacher recommendation. Some prerequisites apply.

ENVIRONMENTAL SCIENCE

Course Numbers	5116
Prerequisites	None.
Credit	1

A lecture/laboratory course examining connections among earth systems, human society, and nature. The primary focus will be on land, air, and water environments. This course will highlight the elevation and sharpening of science literacy and skills through inquiry and the scientific method.

BIOLOGY

Course Numbers	5112
Prerequisites	None.
Credit	1

A lecture/laboratory course covering the basic concepts of fundamental biochemistry, cellular structure and function, evolution and natural selection, heredity and genetics, ecosystems and the interdependence of organisms.

AP BIOLOGY

Course Numbers	5321 Weight 1.06
Prerequisites	85% in Chemistry, have strong writing skills, current teacher recommendation, and invitation of AP teacher.
Credit	1

An in-depth lecture/laboratory examination of the topics introduced in Biology, including molecular and cell biology, genetics and evolution, population biology and ecosystem dynamics, and the diversity in structure and function in all three domains of living things. This college-level course prepares students for the Advanced Placement examination in Biology, by which students may qualify for college-level credit.

ANATOMY AND PHYSIOLOGY

Course Numbers	5223
Prerequisites	Students who wish to take anatomy as sophomores must have an 80% or higher in biology and have a biology teacher recommendation. Students who wish to take anatomy as juniors must have a 75% or higher in biology and a teacher recommendation
Credit	1

An in-depth lecture/laboratory examination of the structure and function of all human body systems. This course provides the student with an advanced knowledge of human health and is an elective of special interest to students considering any healthcare field. This interdisciplinary course provides a comprehensive introduction to the structure and function of the human body, combining fundamental concepts from biology and chemistry to deepen understanding of physiological processes.

CHEMISTRY

Course Numbers	5312
Prerequisites	Students who wish to take Chemistry in their Sophomore year must have 93% in Biology and 85% in Algebra I Honors or have a 90% in Algebra I CPI and Biology teacher recommendation. Students who wish to take Chemistry in their Junior or Senior year need a Biology credit, an Algebra I credit, and a recommendation from their current science teacher or department chair. Chemistry is not recommended for students who have not successfully completed Algebra I.

Credit | 1
An examination of the following topics of chemistry: nomenclature, atomic theory, moles, periodic law, bonding, equation balancing, stoichiometry, gas laws, acid-base theory, solutions, and equilibrium. This course includes standardized test preparation where applicable.

AP CHEMISTRY

Course Numbers	5320 Weight: 1.06
Prerequisites	85% in Biology, 90% in Chemistry, and 90% in Algebra II CPI or higher. Current teacher recommendation

Credit | 1
An in-depth lecture/laboratory examination of the topics introduced in college prep Chemistry, including atomic theory, properties of matter, changes in matter, reaction rates, thermodynamics, and chemical equilibrium systems. This college-level course prepares students for the Advanced Placement examination in Chemistry, by which students may qualify for college-level credit.

CULINARY CHEMISTRY

Course Numbers	5340 Lab Fee: \$100
Prerequisites	Algebra I, Biology, and one other science credit. Available to grades 11 and 12 with science teacher recommendation.
Credit	1

This year-long lab and lecture course blends the concepts of chemistry, such as chemical reactions and how molecules interact, with the culinary arts. Students will plan and prepare recipes and be able to explain what is happening at the atomic level. Students will also learn basic kitchen skills such as reading a recipe, cooking, baking, and maintaining a clean working environment. This course is designed as a basic-level chemistry course for junior and senior students who are placed CP2 Math or lower and need a third science credit for graduation.

Important Allergy Disclaimer: Students with food allergies are encouraged to consult with the instructor before enrolling in the course or prior to any cooking sessions. Food allergies and sensitivities may arise during hands-on activities. Specifically, our recipes use a significant amount of eggs, butter, and cream, so full participation isn't possible without preparing and/or consuming these ingredients. While some ingredient substitutions are possible, the instructor may not be able to guarantee an allergen-free environment.

FOOD SCIENCE

Course Numbers	5341 Lab Fee: \$50
Prerequisites	Algebra I, Biology, and one other science credit. Available to grades 11 and 12 with science teacher recommendation.
Credit	.5

This fast-paced elective course uses students' knowledge from general chemistry and other science courses to examine the effects of food processing, preparation, and storage. Students will also learn basic kitchen skills such as reading a recipe, cooking, baking, and maintaining a clean working environment. Juniors who take Food Science need to be taking another yearlong science course concurrently. Seniors must have three science credits prior to taking this course.

PHYSICS

Course Numbers	5412 Weight 1.04
Prerequisites	Sophomores who wish to take physics their junior year must have earned a 90% or higher in Chemistry, Geometry CPI, and Algebra I CPI. Physics and Algebra II may be taken concurrently during junior year with recommendation of the current science teacher. Juniors who wish to take Physics during senior year should have an 80% in Chemistry and Algebra II CP1 or higher, and a science teacher recommendation.

Credit	1
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A lecture/laboratory course covering a review of the metric system, and a study of forces, motion, kinetic and potential energy, vector analysis, work, wave characteristics, and static electricity.

AP PHYSICS 1: Algebra based

Course Numbers	5413 Weight 1.06
Prerequisites	Algebra II CPI or higher or can be taking Algebra II CP1 or higher concurrently. Recommendation from current math teacher and invitation of AP teacher.

Credit	1
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This is an accelerated course, equivalent to a first-semester college course in algebra-based physics, using the math concepts of algebra and trigonometry in an intensive study of Newtonian mechanics and Dynamics (including rotational dynamics and angular momentum); work, energy, and power; oscillation and simple harmonic motion. This course is appropriate for students interested in physical science, mathematics and/or engineering as well as students considering premed. It prepares the students for the AP Physics 1: Algebra-Based exam, by which college credit may be earned.

AP PHYSICS 2: Algebra based

Course Numbers	5414 Weight 1.06
Prerequisites	Students who wish to take AP Physics II need to have successfully completed AP Physics I and have the recommendation of the Physics teacher

Credit	1
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AP Physics II is an independent study algebra-trigonometry based, introductory college-level physics course equivalent to a semester of college physics. The course explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. It prepares the students for the AP Physics II: Algebra-Based exam, by which college credit may be earned.

ENGINEERING DESIGN THINKING I CCP

Course Numbers	I 9556 Weight 1.06
Prerequisites	Teacher recommendation from Science or invitation from Engineering Instructor. Students must have taken Pre-Calculus and Physics or be concurrently enrolled.

Credit	1.0
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This semester-long course is offered through the U.C. College of Engineering and Applied Science and serves as an introduction to all fields of engineering. This course introduces students to the CEAS professions through multidisciplinary, societally relevant content. Students will learn how to develop approaches for comprehending engineering systems and generating and exploring creative ideas and alternatives. Concepts in creativity, innovation, engineering fundamentals, and problem-solving methodologies will be introduced. Students will learn, through experience, the process of design and analysis in engineering, including how to work effectively on a team. The development of skills in project management; sustainability; written, oral, and graphical communication; logical thinking; and modern engineering tools (e.g., Excel, Python, LabVIEW, MATLAB, Visual Basic, and CAD) is a key focus of the course. Students who register and enroll in this course with the University of Cincinnati will receive three (3) credit hours through Ohio's College Credit Plus program upon successful completion of the course. Students are highly encouraged to take both semesters of the course. Students must apply to the College's CCP program and additional fees and costs will be payable to the university as this is a course that earns college credit through a separate institution. State funding is available, please [Ohio Department of Education College Credit Plus](#) for more information.

ENGINEERING DESIGN THINKING II CCP

Course Numbers	9558 Weight 1.06
Prerequisites	Successful completion of Engineering Design Thinking I CCP
Credit	1.0

Foundations of Engineering Design Thinking II builds on Engineering Foundations I and the engineering process, including: problem definition, modeling, solution and evaluation. The objectives of the course are: (1) to explore the application of algebra, trigonometry, and calculus to various engineering disciplines; (2) to learn the fundamentals of programming and good programming practices, and to utilize these skills to solve numerical problems and create numerical algorithms with MATLAB®; (3) to develop good problem A-solving skills by applying problem-solving strategies to a variety of engineering problems; and (4) to cultivate effective teamwork and communication skills through lab work. Students will utilize the basic MATLAB programming tool for exploring engineering applications, to investigate solutions to problems too complex for hand solution, and to develop an appreciation of the power and limitations of digital computation. The course will include design projects. Students who register and enroll in this course with the University of Cincinnati will receive three (3) credit hours through Ohio's College Credit Plus program upon successful completion of the course. Students are highly encouraged to take both semesters of the course. Students must apply to the College's CCP program and additional fees and costs will be payable to the university as this is a course that earns college credit through a separate institution. State funding is available, please [Ohio Department of Education College Credit Plus](#) for more information.

TECHNOLOGY & BUSINESS COURSES

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
CCP Business Courses			Intro to Marketing CCP Entrepreneurship CCP Intro to Microeconomics CCP	Intro to Marketing CCP Entrepreneurship CCP Intro to Microeconomics CCP
Business Courses		Accounting Intro to Marketing Intro to Business Financial Literacy Sports Marketing & Management Operations Management	Accounting Intro to Marketing Intro to Business Financial Literacy Sports Marketing & Management Operations Management Entrepreneurship	Accounting Intro to Marketing Intro to Business Financial Literacy Sports Marketing & Management Operations Management Entrepreneurship
Technology Courses	Technology & Communication Fundamentals of IT Robotics	Computer Networking Film Making Fundamentals of Web Development Video Editing Technology Help Desk Robotics	AP Computer Science Computer Networking Computer Programming Database Management Film Making Fundamentals of Web Development Systems Administration Video Editing Technology Help Desk Robotics Cybersecurity	AP Computer Science Computer Networking Computer Programming Database Management Film Making Fundamentals of Web Development Systems Administration Video Editing Technology Help Desk Robotics Cybersecurity
UC Early IT Program Sequence (College Credit Plus)	Fundamentals of IT	Computer Networking Fundamentals of Web Development Computer Programming I	Database Management I Computer Programming I	Database Management I Systems Administration

COMPUTER NETWORKING

Course Numbers	Non CCP	8201	Weight 1.04
	CCP	8210	Weight 1.06
Prerequisites			
Credit	Non CCP .5 & CCP 1		

This one-semester course is intended for sophomores and above. It covers the basics of networking. Core networking topologies and implementation examples are discussed in addition to OSI and TCP/IP models. The design of IPv4 networks and the calculation of IPv4 subnetting will be covered. We will also discuss commonly used network devices, such as NICs, hubs, switches, and routers. This is a required course for the University of Cincinnati Early College IT Program.

COMPUTER PROGRAMMING I

Course Numbers	Non CCP	8338	Weight 1.04
	CCP	8339	Weight 1.06
Prerequisites	None.		
Credit	Non CCP .5 & CCP 1		

This one-semester course is intended for sophomores and above. There are many programming languages for different platforms in software application development. However, all of these languages share common features in their nature. This course is to introduce the core knowledge and skills of programming through the language of Java. By the end of this course, students will be comfortable with approaching any programming language. Hands-on, active learning is required. This is a required course for the University of Cincinnati Early College IT Program.

AP COMPUTER SCIENCE A

Course Numbers	8357	Weight 1.06
Prerequisites	UC IT Course Program	
Credit	1	

This course is designed for the student who wants to major in a computer related discipline in college or is very interested in programming and wants to earn credit for college. Based on the AP curriculum, the programming language (Java), and the topics in this class will be geared toward successful completion of the Advanced Placement Test.

FUNDAMENTALS OF IT

Course Numbers	8118	First semester only
Prerequisites	None	
Credit	.5	

The purpose of this first semester course is to assist students in making the transition from grade school to high school with a foundation in computer technology skills. Using tablet technology, the course explores topics relevant to a student's success in the classroom and beyond. Students will be introduced to and asked to apply basic skills in the core areas of Microsoft Office, IT topics, basic research, problem-solving, and decision-making skills required to be successful in high school. There is no prerequisite for this course. This is a required course for the University of Cincinnati Early College IT Program.

FUNDAMENTALS OF WEB DEVELOPMENT

Course Numbers	Non CCP 8202	Weight 1.04
	CCP 8211	Weight 1.06
Prerequisites	None	
Credit	Non CCP .5 & CCP 1	

This one-semester course is intended for sophomores and above who can thrive in a self-directed lab-based class. Knowledge of digital media creation and publishing practices and resources is a new powerful competency in the information society. This course will introduce you to knowledge and practice of digital media creation and publishing using a main web authoring and editing tool. Hands-on active learning is required. This is a required course for the University of Cincinnati Early College IT Program.

SYSTEM ADMINISTRATION

Course Numbers	Non CCP 8301	Weight 1.04
	CCP 8303	Weight 1.06
Prerequisites	None	
Credit	Non CCP .5 & CCP 1	

This course is intended for junior and senior level students who can thrive in a self-directed lab-based class. This course covers the basics of system administration. Students learn how to properly install, secure, and manage computer systems on both the Linux and Windows platform. A focus will be on integrating server operating systems to deliver services such as file, print, and web to clients on over local and wide area networks. This is a required course for the University of Cincinnati Early College IT Program.

DATABASE MANAGEMENT 1

Course Numbers	Non CCP 8302	Weight 1.04
	CCP 8304	Weight 1.06
Prerequisites	Computer Programming	
Credit	Non CCP .5 & CCP 1	

This course is intended for junior and senior level students or sophomores with a programming background, who can thrive in a self-directed lab-based class. This is an introductory course to the technology of database design and implementation. Topics include, but are not limited to relational database design and implementation, query formulation with Structured Query Language, application development, etc. Enterprise database management system, Microsoft SQL Server, will be used. This is a required course for the University of Cincinnati Early College IT Program.

FILM MAKING

Course Numbers	8349
Prerequisites	Video Editing
Credit	.5

This one semester course is designed for the creative student who is interested producing individual and group videos. In this course, students will write, film and edit their original video pieces. Students will learn some advanced techniques in lighting, video angles, and audio usage. Students will be required to videotape all of the footage used in their projects. Students will be graded by the overall quality of their projects, their implementation of required elements in their projects, and the required written reports about their projects.

VIDEO EDITING

Course Numbers	8348
Prerequisites	Video Editing
Credit	.5

Video Editing is designed to introduce students to the art and technical aspects of creating compelling visual content. Throughout the course, students will learn the essential skills required to edit videos using industry-standard software. The curriculum covers the basics of video production, including camera operation, shot composition, and storytelling techniques. Students will become proficient in using video editing software to cut, trim, and arrange footage, add transitions, incorporate visual effects, and synchronize audio elements.

TECHNOLOGY & COMMUNICATION

Course Numbers	8117
Prerequisites	None
Credit	.5

This second semester course will explore further uses of tablet technology, particularly as it relates to life outside the classroom. Topics covered include multimedia projects and presentations (screen casting, video editing, advanced PowerPoint), careers (job hunting, interviewing, workplace communication & etiquette), formatting business documents (job and academic resumes, cover letters, template usage), Excel applications for personal finance (complex formulas, using spreadsheets to track expenses, debit/credit cards, bank accounts), technology and society (current events, ethical usage) and public speaking.

ROBOTICS (Remote Control)

Course Numbers	5621
Prerequisites	None.
Credit	.5

This semester long course is appropriate for 9th-12th grade students who are interested in the design, engineering, and programming of robots or a related technical career. This semester-long course delves into robotic components, block coding and Computer Aided Design (CAD) Modeling. This is both a programming and engineering challenge. Students will be challenged to build, using CAD Modeling and program for a robot that performs a specific task. You will have to research, plan and design a robot with your team. The robot must also be programmed to perform each task based on the design that is agreed upon.

TECHNOLOGY HELP DESK

Course Numbers	Semester	8248
	Yearlong	8249
Prerequisites	None.	
Credit	Semester	.25
	Yearlong	.50

The Technology Help Desk course is designed to help students develop troubleshooting, problem-solving, and customer service skills while assisting the Technology Department in daily tasks. While interest in technology is preferred, it is not required. Students will be given the opportunity to discover if this is a field that interests them

ACCOUNTING

Course Numbers	8528
Prerequisites	None.
Credit	Semester .5

The course may include a combination of theoretical concepts, practical applications, and hands-on exercises to help students understand and apply accounting principles. Additionally, real-world examples and case studies may be incorporated to illustrate how accounting is used in various industries and business scenarios. Practical skills such as using accounting software and spreadsheet applications may also be a part of the curriculum.

INTRO TO BUSINESS

Course Numbers	8539
Prerequisites	None.
Credit	Semester .5

Principles of Business is designed to provide students with a comprehensive introduction to fundamental concepts in the world of commerce. This course covers a range of topics essential for understanding the dynamics of business environments. Students will explore the basic principles of economics, gaining insights into supply and demand, market structures, and economic systems. The curriculum also delves into various aspects of entrepreneurship, teaching students about the intricacies of starting and managing a business, as well as the importance of innovation and creativity in the business world. Additionally, the course addresses key elements of organizational behavior, emphasizing effective communication, leadership skills, and teamwork.

INTRO TO MARKETING

Course Numbers	8542 8544	Weight 1.06
Prerequisites	CCP: Students must have a teacher recommendation	
Credit	Semester .5 CCP 1	

This course introduces high school students to the fundamentals of marketing, including key concepts and strategies used in the business world. Students will explore topics such as market research, consumer behavior, branding, advertising, product development, pricing strategies, and sales. Through real-world examples and hands-on projects, students will learn how businesses create value for customers and effectively promote products and services. The course emphasizes the importance of understanding target audiences, competition, and digital marketing trends. By the end of the course, students will have gained valuable skills to prepare them for future studies in business or a career in marketing.

SPORTS MARKETING & MANAGEMENT

Course Numbers	8546
Prerequisites	None.
Credit	Semester .5

This course provides high school students with an introduction to the exciting world of sports marketing and management. Students will learn about the key principles of marketing within the sports industry, including branding, advertising, sponsorships, and fan engagement. The course will cover topics such as event planning, media relations, athlete endorsements, and the role of digital marketing in sports. Students will also explore the management side of sports, including the operations of sports teams, facilities, and organizations. Through case studies, hands-on projects, and guest speakers from the industry, students will gain a deeper understanding of the business and management strategies that drive the sports industry. This course is ideal for students interested in pursuing a career in sports management, marketing, or related fields.

OPERATIONS MANAGEMENT

Course Numbers	8590
Prerequisites	None.
Credit	Semester .5

In this hands-on course, students will explore the fundamentals of operations management through the real-world experience of running a student-led coffee shop. Topics include supply chain management, inventory control, quality assurance, scheduling, customer service, and process improvement. Students will apply business concepts in planning, staffing, budgeting, and daily operations, developing leadership and problem-solving skills while managing all aspects of a functioning small business within the school.

INTRO TO MICROECONOMICS CCP

Course Numbers	8580	Weight 1.06
Prerequisites	None.	
Credit	Semester	.5

The course assists students to learn and comprehend (1) economics as a social science that draws conclusions based on hypotheses, theories, and data in order to understand human behavior, (2) basic microeconomics terms and concepts, including scarcity and choice, equilibrium, efficiency and equity, positive and normative economics, comparative advantage, and specialization, (3) the fundamental economic question of allocating scarce resources, (4) opportunity cost and the production possibility frontier, (5) supply and demand, the function of prices in markets, how markets work and sometimes don't work, including market failure and externalities, (6) the effects of government intervention in markets, (7) how consumers make choices, (8) production theory, (9) the costs of production, (10) firm behavior in competitive markets, (11) firm behavior in imperfect markets, (12) elasticity and its application, (13) markets for resources, the determination of wage rates, interest, and rent, (14) the determination of income distribution, including poverty and discrimination, (15) the determinants of international trade flows.

ENTREPRENEURSHIP

Course Numbers	8547	8550	Weight 1.06
Prerequisites	CCP: Students must have a teacher recommendation and have completed either Intro to Business or Marketing		
Credit	Semester	.5	
	CCP	1	

This course introduces high school students to the exciting world of entrepreneurship and business creation. The course will explore leadership skills and traits in the application of project management. Key topics include idea generation, business planning, marketing, financing, sales and managing operations. Students will explore how entrepreneurs identify opportunities, develop innovative solutions, and build business models that meet consumer needs. Through hands-on projects, real-world case studies, and guest speakers, students will gain practical experience in launching a business and understand the challenges and rewards of being an entrepreneur. This course is perfect for students interested in pursuing their own business ventures or exploring careers in business and innovation.

CYBERSECURITY

Course Numbers	8552
Prerequisites	None
Credit	Semester .5

In Cybersecurity Fundamentals, students explore the fast-growing world of digital defense and data protection. This course introduces the core principles of cybersecurity, including how to identify online threats, protect personal and organizational information, and understand the ethics of digital citizenship. Students will learn about topics such as encryption, malware, social engineering, network security, password management, and ethical hacking through interactive lessons, real-world case studies, and hands-on simulations.

By the end of the course, students will be able to:

- Recognize and defend against common cyber threats.
- Understand how data travels across networks and how to secure it.
- Apply cybersecurity best practices in everyday digital life.
- Explore career paths in cybersecurity and information technology.

FINANCIAL LITERACY

Course Numbers	8538
Prerequisites	None. Graduation Requirement
Credit	.5

Students are required to complete a .5 credit for Financial Literacy to comply with Ohio Graduation requirements. The content covered in the financial literacy standards and model curriculum has immediate implications for high school students as they begin to make large financial decisions such as purchasing cars, signing contracts for places to live or taking out loans to continue their education. The goal of financial literacy instruction is to provide students with the knowledge they need to make a lifetime of informed financial decisions. This course does not qualify for the Ohio graduation requirements for the three total credits for social studies but only qualifies for the specific Ohio Graduation requirement for Financial Literacy.

ART AND DESIGN COURSES

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Art Foundations Art Foundations: Portfolio Fiber Arts Art Appreciation	Architecture I Art Appreciation Art History CCP Ceramics I Ceramics II Drawing and Painting Photography I Sculpture Yearbook I Design Module Fine Art Module Graphic Design Module Fiber Arts	Architecture I Architecture II Art Appreciation Art History CCP Ceramics I Ceramics II Drawing and Painting Independent Studio Photography I Photography II Portfolio Development Sculpture Yearbook I Yearbook II Design Module Fine Art Module Graphic Design Module Fiber Arts	Architecture I Architecture II AP 2D (Architecture) Art Appreciation Art History CCP Ceramics I Ceramics II AP 3D (Ceramics) Drawing and Painting AP Drawing Independent Studio Photography I Photography II AP 2D (Photography/Digital Media) Portfolio Development Sculpture Yearbook I Yearbook II Design Module Fine Art Module Graphic Design Module Fiber Arts

ART APPRECIATION

Course Numbers	6597
Prerequisites	None.
Credit	.5

This semester course is an introduction to the visual arts with emphasis on developing an understanding and appreciation of the process of art, as well as the finished product of art. Students will learn the basic language of visual art and composition through the elements and principles of design. Students will develop skills in critical thinking and observation. We will survey movements in art as well as key artists of various movements and the impact of these on society and the art world. There will be a balance of visual observation, study, and hands-on experience in this course.

ART FOUNDATIONS

Course Numbers	Semester 6119 Yearlong 6120
Prerequisites	Semester: None Yearlong: Portfolio required. Please see our school website for more information.
Credit	.5 or 1

In this course, students will develop their visual, creative, and critical thinking skills through the investigation of the fundamentals of art: the elements and principles of art and design, color theory, composition, observational drawing, line and shading techniques, art history, and critique. Students will explore a variety of mediums, subject matter, and techniques as they learn to think and create two-dimensionally and three-dimensionally. Drawing exercises and criticism are integrated throughout the year.

Art Foundations – Portfolio Track will be a yearlong advanced art class that provides additional opportunity to grow as an artist, and is best for students who are passionate about art and hope to take four years of art at McNicholas. Students who wish to take this advanced art must submit a portfolio of your artwork. More information can be found on our school website.

FIBER ARTS

Course Numbers	Semester 6121
Prerequisites	None.
Credit	.5

In this course, students dive into the world of textiles, where art meets craft, and tradition meets innovation. Through projects in sewing, weaving, embroidery, and crocheting, students explore texture, pattern, and form while expressing their own creative voice.

ART HISTORY TO PRESENT

Course Numbers	Non CCP CCP	6595 6596	Weight 1.04 Weight 1.06
Prerequisites	CCP students must register with Cincinnati State.		
Credit	Non CCP .5 & CCP 1		

Introduces the art of the Renaissance to the Early Modern Period throughout Europe, as well as, important artistic developments in Northern Europe, France, and England. We examine the impact of the changing status of artists, artistic theory, patrons, world exploration, and trade. Students learn formal visual analysis to help guide them in examining works of art and architecture within appropriate contextual and cultural frameworks. Successful CCP students are eligible for 3 college credits, which are guaranteed transferable. Students must apply to the College's CCP program and additional fees and costs will be payable to the university as this is a course that earns college credit through a separate institution. State funding is available, please [Ohio Department of Education College Credit Plus](#) for more information.

DRAWING AND PAINTING

Course Numbers	Yearlong	6225
Prerequisites	None.	
Credit	1	

Drawing and Painting emphasizes drawing as foundational to all artworks. Visual thinking skills are developed as students explore drawing and painting techniques emphasizing value, light, perspective, and form. Color theory will be explored and applied across the course of the class. Techniques in pen, pencil, marker, charcoal, and pastels will be used to create drawings. Techniques in acrylic paint, watercolor, and mixed media will be explored. Students will work from life as well as other references. A variety of artists, movements, and styles will be studied to inform the creation of our artworks.

AP 2-D ART AND DESIGN: DRAWING

Course Numbers	Yearlong	6411	Weight 1.06
Prerequisites	93% average in previous art courses, teacher recommendation, portfolio review, and conference with student, parent, and teacher.		
Credit	1		

AP Drawing and Painting is for students who want to pursue a higher level of drawing and/or painting, and potentially earn college credit. Students will be required to work outside and beyond scheduled class time. The drawing portfolio may include a broad interpretation of drawing issues including abstract and observational works. Students will be required to develop a sustained investigation of a topic, resulting in a portfolio that documents their process. Students must also include 5 quality works in their final portfolio. Portfolios will be sent for examination and review to the College Board's AP program in May. Students are responsible for the AP testing fee.

CERAMICS I (HAND BUILDING)

Course Numbers	Semester	6547
Prerequisites	None	
Credit	.5	

This studio course is an introduction to arts using the clay medium. Sculptural approaches to clay (slab, pinch, coil) as well as surface treatment will be investigated. Glazing, under-glazing, and kiln technology will be introduced. Ceramics I is a prerequisite for Ceramics II.

CERAMICS II (POTTERS WHEEL)

Course Numbers	Semester	6570
Prerequisites	Ceramics I and/or recommendation of teacher.	
Credit	.5	

Ceramics II is a studio course that continues the exploration and investigation of ideas using basic ceramic processes and methods used to create a ceramic art form. The objectives will be to develop one's skill in wheel throwing and to increase the student's awareness of the aesthetic nature of good ceramics. Glazing, under-glazing, and kiln technology will continue. This course is a continuation of Ceramics I.

AP 3-D ART & DESIGN: CERAMICS

Course Numbers	Yearlong	6512	Weight 1.06
Prerequisites	93% average in Ceramics II and teacher recommendation.		
Credit	1		

Advanced Placement Art makes it possible for the highly motivated student to do college level work. Students will need to spend extra time in the studio beyond scheduled periods. The 3-D Portfolio may include sculptural works from ceramics, architectural models, and other forms. A portfolio of 24-30 highly crafted works will need to be completed by the end of the year. The teacher will determine if the portfolio meets the requirements. Portfolios will be sent for examination and review by the College Board in May. Students are responsible for the AP testing fee.

ARCHITECTURAL DESIGN & DRAFTING

Course Numbers	I	6577
	II	6587
Prerequisites	I - None. II - 90% average in Architectural Design and Drafting I and teacher recommendation.	
Credit	1	

This course teaches the basic design theories and strategies related to the development of spatial concepts in architectural design, including composition, color, form, the relationship of elements, and the development of 2-D and 3-D design projects. Includes use of tools, lettering, dimensioning, hand drafting techniques, frame construction vocabulary, and technology. Introduces concepts, techniques, and procedures necessary to facilitate a basic functional understanding of REVIT.

Architectural Design and Drafting II is a continuation of Architectural Design I. Problems involve larger scale, broader scope, and increased complexity. Advanced and digital presentation techniques will be used for presentations.

AP 2-D ART AND DESIGN: ARCHITECTURE

Course Numbers	Yearlong	6412	Weight 1.06
Prerequisites	93% average in previous art courses, teacher recommendation, portfolio review, and conference with student, parent, and teacher.		
Credit	1		

AP Architecture is for the student who is looking for a career in Architecture or Design fields. Students will need to be highly motivated and work beyond the scheduled studio time. The portfolio will need 24-30 design pieces. Requirements: 12 concentration Pieces, 12 Breadth Pieces, 5 quality pieces. The teacher will determine if the portfolio meets the requirements for submission. Students are responsible for the AP testing fee.

PHOTOGRAPHY

Course Numbers	I	6557
	II	6567
Prerequisites	Students must have a smartphone with a working camera.	
Credit	1	

Photography I is a year-long introduction to the digital camera as an art-making tool designed for students at the foundational level. The course will use digital photography in the application of the basic elements of art and the principles of design and composition. This course will also provide students with opportunities to extend their knowledge and skills in the field of photography and the use of Adobe Photoshop and Lightroom.

Photography II is an advanced photography course for students who have completed Photography I. Students will build upon their skills in Adobe Photoshop and Lightroom while practicing their photography camera skills and techniques learned in the beginning course. The course focus will include both image capture techniques and post-processing techniques in the digital lab and in the darkroom. The projects will be both fine art and commercial art based. Students can earn certifications in the field of digital photography.

AP 2-D ART AND DESIGN: PHOTOGRAPHY/DIGITAL MEDIA

Course Numbers	Yearlong	6611	Weight 1.06
Prerequisites	Teacher recommendation, portfolio of digital works, and a minimum combined average of 83% in Photography I and II. Students must have full-time access to a DSLR camera and/or a fully manual, 35 mm SLR camera.		
Credit	1		

AP Photography (2D Design) is an advanced course for highly motivated photography and digital students interested in furthering their study of photography and/or digital art. Students will work at an advanced and/or college level. Students will need to put in research and creation hours outside of class time as well as participate in peer, instructor, and self-critiques on a regular basis. While in class, students must be prepared to fully immerse themselves in the process of inquiry, investigation, experimentation, and reflection as they tackle the rigorous processes of AP portfolio creation and submissions. A portfolio of 15 to 20 high-quality works will be submitted to the College Board in early May for examination and review. Students are responsible for the AP test fee.

SCULPTURE

Course Numbers	Semester	6598
Prerequisites	None	
Credit	.5	

This course introduces the fundamentals of three-dimensional design and will ask students to construct and question visual relationships. A range of materials (paper, cardboard, clay, plaster, wire, and found object) and processes (constructing, modeling, carving, casting, and fabricating) will be utilized to introduce a variety of approaches to 3D problem-solving. Students will learn about various sculptors, the meanings behind the art, and how to create sculptures of their own. Most projects will be completed independently, though occasionally small groups will create larger pieces.

YEARBOOK I

Course Numbers	I	0578
	II	0580
Prerequisites	Application and teacher recommendation.	
Credit	1	

This course teaches the skills necessary to publish Countdown, the school yearbook. Students will learn aspects of developing a publication including theme and development, organization and content, layout and design, and writing and editing, and photojournalism. Emphasis is placed on independent work skills.

Yearbook II focuses on professional publication development and leadership skills. Students will apply for one of several leadership roles required for the publication of the yearbook. Students will critique page design and content, and make decisions concerning theme, ladder, budget, design, and many more.

PORTFOLIO DEVELOPMENT

Course Numbers	Yearlong	6420	Weight 1.06
Prerequisites	Architectural Design, Drawing and Painting, Ceramics, Photography		
Credit	1		

This course is for the advanced student who is interested in developing and creating his or her portfolio. Works will be created with an emphasis on the independent exploration of various mediums and techniques. Each work is created with the purpose of becoming a quality piece worthy of a portfolio. Four to six quality artworks are required each quarter. When completed, sixteen to twenty works will be included in the student's final portfolio

ART + DESIGN MODULES

The McNicholas Art and Design Education department is proud to offer students a variety of learning experiences. The Art and Design modules help students have more experience in art + design to see if this is a possible career choice for their future. Each module is a yearlong course with three concentrations for the year allowing students to explore numerous concepts, techniques, and mediums. Students can take one or all three art and design modules.

DESIGN MODULE

Course Numbers	Yearlong	6600
Prerequisites	None	
Credit	1	

ARCHITECTURAL SPACES - In this module, students will learn architectural/interior spaces are about more than four walls and a floor. It's about creating environments that support and respond to the way people live at home, at work, and as part of a community. Students will work collaboratively, developing a personal aesthetic sense, as well as an understanding of client needs. They will also learn how to integrate research and current trends with environmental function, design, and sustainability.

INDUSTRIAL DESIGN - This module serves as an introduction to the world of industrial design and its wide-ranging applications. The students will learn design concepts and methodology through discussions and innovative small projects, devices, objects, and services that enrich lives and can be mass-produced. The main goals of this module are to develop a better understanding of the perspective of an industrial designer and to gain experience in the practice of industrial design.

APPLIED DESIGN | APPAREL DESIGN - This module combines the art of design, function, and aesthetics with the making of textile fashions keeping in mind consumer tastes, culture, construction, and sustainability. They influence culture through textiles/fashion.

FINE ARTS MODULE

Course Numbers	Yearlong	6610
Prerequisites	None	
Credit	1	

PRINTMAKING - Printmaking combines drawing skills, texture invention, and color theory to create dynamic works of art that can be replicated and modified endlessly. This module expands on relief and linoleum printing.

FIBER ART - Fiber artists use a variety of fibrous materials - thread, fabric, yarn, - to create two-dimensional and three-dimensional artworks that play with form, texture, color, and line. Fiber arts celebrates the significance of the material and the manual labor involved in the process.

BOOKMAKING - Bookmaking examines and celebrates the book as a work of art itself. Bookmaking draws on centuries of bookbinding history found around the world, with a blend of modern and contemporary book arts. This module will investigate both form and function, content, and aesthetics. Students will learn various styles and methods of bookbinding, study book art history, and explore contemporary book artists.

GRAPHIC DESIGN MODULE

Course Numbers	Yearlong	6620
Prerequisites	None	
Credit	1	

TYPOGRAPHY - The Typography module will introduce the principles, methods, and uses of typography for visual communication in graphic design. Students will build a practical knowledge of letterforms and typefaces through study, lectures, discussions, and critiques of creative research with traditional and digital media.

ILLUSTRATION - In the Illustration module, students will learn how to visualize and create like a professional illustrator by combining imagination with real-life visual reference. Students will experiment with a variety of drawing techniques while working from live models and still life arrangements, as well as the development of drawings for commercial applications.

GRAPHIC DESIGN - The Graphic Design module will combine the processes gained in Typography and Illustration while adding an in-depth investigation of the principles and possibilities of graphic design. Students will incorporate drawing, and the computer while learning the fundamentals of graphic form, sequencing, image making, communicating visually, and integration of type. Presentations and guest speakers will introduce students to both the history of graphic design and contemporary designers.

INDEPENDENT STUDIO: CERAMICS

Course Numbers	Yearlong	6581
Prerequisites	Ceramics I and II and teacher recommendation	
Credit	1	

Independent Ceramics is an art course for advanced students. The focus is on each individual student and working with them to create their artistic voice. Students are guided by their teacher to create an independent series of works, experience different clay bodies, and further explore different firing techniques: low fire, high fire, reduction, oxidation, raku, etc. They will learn more about ceramic techniques and surface treatments. Students will work with broader concepts: Realism/abstract, content/narrative, and how to professionally present their works of art.

INDEPENDENT STUDIO: FINE ART

Course Numbers	Yearlong	6599
	Semester	6699
Prerequisites	Drawing and Painting or Portfolio Development or Fine Art Module or Instructor Recommendation	
Credit	1	

This course is for the advanced student who is interested in enhancing and creating his/her own style. Students will establish their own creative goals for the year and explore creative problem solving with support from the instructor. Students will have access to Fine Art materials and resources - drawing, painting, fiber arts, printmaking, and book arts. A variety of subject matter and techniques will be experienced in relation to an art timeline and the movements in modern art. Observational exercises, art appreciation, and criticism are integrated throughout the year.

INDEPENDENT STUDIO: DRAWING & PAINTING

Course Numbers	Yearlong	6579
	Semester	
Prerequisites	Drawing and Painting and Teacher Recommendation	
Credit	1	

This course offers motivated art students the opportunity to develop their personal style through self-directed projects in drawing and painting. Students will set individual goals, explore advanced techniques, and experiment with a variety of media. Regular critiques and mentorship from the instructor will help guide creative growth. This class is ideal for students seeking to build a strong and cohesive portfolio.

PERFORMING ARTS COURSES

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Percussion Techniques	Percussion Techniques	Percussion Techniques	Percussion Techniques
Instrumental Music	Instrumental Music	Instrumental Music	Instrumental Music
Music Appreciation	Music Appreciation	Music Appreciation	Music Appreciation
Technical Theatre	Technical Theatre	Technical Theatre	Technical Theatre
Guitar Techniques	Guitar Techniques	Guitar Techniques	Guitar Techniques
Rocket Chorale	Rocket Chorale	Rocket Chorale	Rocket Chorale
Theatre Appreciation and Performance	Theatre Appreciation and Performance	Theatre Appreciation and Performance	Theatre Appreciation and Performance
Intro to Acting	Acting Styles	Acting Styles	Acting Styles
Beginning Piano	Acting and Directing	Acting and Directing	Acting and Directing
Musical Theatre Dance	Beginning Piano	Beginning Piano	Beginning Piano
Electronic Music	Intermediate Piano	Intermediate Piano	Intermediate Piano
	Rockapella	Rockapella	Rockapella
	Musical Theatre Dance	Rockapella Honors	Rockapella Honors
	Electronic Music	Independent Study: Music	Independent Study: Music
		Electronic Music	Independent Study: Theatre
		Musical Theatre	Electronic Music
		Musical Theatre Dance	Musical Theatre
			Musical Theatre Dance

INSTRUMENTAL MUSIC

Course Numbers	7100
Prerequisites	
Credit	1

The McNicholas ROCKet instrumental ensemble is a yearlong course that will consist of student musicians collaborating to develop multi-genre ensembles (jazz, rock, small group, percussion/steel drum). The ensemble may consist of a variety of instrumentation including, but not limited to, vocalists, winds, percussion/drum set, guitar/bass and keyboard/piano. However, all student musicians at any level of proficiency are welcomed and encouraged. In addition, students will have the opportunity to learn new instruments within the various ensembles, as well as being a part of the overall creative process with arranging/composing opportunities. The class will develop each student's ability to prepare for performances, read music, improvise, collaborate with others and ultimately perform musically at a high level. The ROCKet ensembles perform at school, public and collegiate events as well as local and state competitions and festivals. Music scholarships for all grade levels are available.

BAND: PERCUSSION TECHNIQUES

Course Numbers	7519
Prerequisites	
Credit	1

This class allows the student to study the history, style and technical percussion while developing skills at a quicker pace. Although separate in nature, the percussion class interacts directly with the band class and performs with various band ensembles. The first quarter is dedicated to marching band and requires a significant amount of time out of class to prepare for competitions. The remaining three quarters are dedicated to concert band and have occasional rehearsals after school, immediately before a concert. During the winter, there is also pep band. Knowing how to play an instrument is helpful but not required.

MUSIC APPRECIATION

Course Numbers	I	7557
	II	7567
Prerequisites	None.	
Credit	.5	

This one-semester course focuses on music in culture and history. Students will develop an appreciation of the human motivation to create music and its role in identifying cultures and chronicling history. Students will study the foundations of Western music from classical to jazz. Students will receive a general history of each style/genre, use listening skills to identify key components, and articulate the message and purpose of the music. Music Appreciation II, which can combine with Music Appreciation I to fulfill the fine arts requirement, examines music as artistic expression in dance, opera, musical theatre, film, technology and popular culture. Students must take Music Appreciation I before moving on to Music Appreciation II.

GUITAR TECHNIQUES

Course Numbers	7520
Prerequisites	None
Credit	.5

This one-semester course is directed toward the beginning and intermediate students who want to learn how to play the guitar. Basic music theory, styles of music, and a performing guitar ensemble would also be included for the student to help develop music and performing skills. The students will need to supply their own acoustic guitars.

ELECTRONIC MUSIC

Course Numbers	7280
Prerequisites	None
Credit	.5

Electronic Music introduces students to the creative and technical processes of modern music production. Using digital audio workstations (DAWs) and recording tools, students will compose, perform, and produce original works while exploring sound design, sequencing, and live performance. The course emphasizes creativity, problem-solving, and reflection, aligning with Ohio's Fine Arts: Music Standards in Creating, Performing, Responding, and Connecting. Students will develop both artistic expression and technical fluency as they build a portfolio of original compositions.

BEGINNING PIANO

Course Numbers	I 7255 II 7256
Prerequisites	None
Credit	.5

Beginning Piano I is designed to introduce students to basic music notation, theory, and piano playing skills. Students will learn to read music, play with both hands simultaneously, understand and demonstrate scales, recognize and perform basic chords, and begin integrating pedal usage. Elements of music, such as tempo, melody, and harmony, will also be addressed. Students will perform regularly during class time to receive feedback and grow as instrumentalists. Students in this class should have a piano or keyboard at home for practice.

Beginning Piano II is designed to continue building on skills addressed in Beginning Piano I. The class will study pieces from a variety of musical periods as well as the history of the piano and noteworthy pianists. While Beginning Piano I is typically a pre-requisite for the course, students may also be admitted into this class with permission from the Piano teacher if they can demonstrate piano and music reading skills appropriate to the class. Students will perform regularly in this class and should have a piano or keyboard at home for practice.

INTERMEDIATE PIANO

Course Numbers	Semester 7556 Yearlong 7555
Prerequisites	Beginning Piano II or Audition
Credit	.5 or 1.0

Intermediate Piano is designed to continue building skills addressed in Beginning Piano II and allow more individual freedom in choosing repertoire studied in class. The class will study pieces from a variety of musical periods as well as the history of the piano and noteworthy pianists. While Beginning Piano II is typically a pre-requisite for the course, students may also be admitted into this class with permission from the Piano teacher if they can demonstrate piano playing and music reading skills appropriate to the level of the course. Students will perform regularly in this class and should have a piano or keyboard at home for practice.

ROCKET CHORALE

Course Numbers	Semester 7110 Yearlong 7114
Prerequisites	None
Credit	.5 or 1.0

Rocket Chorale is open to all students grades 9-12 of all levels of experience who want to improve their singing and musicality in a variety of styles. Students will collaborate to perform fun, diverse music spanning a variety of time periods, languages, and genres. Students are active participants in class who help select repertoire and areas of musical focus each school year. Students develop sight-singing skills, healthy vocal technique practices, music reading and harmony skills, and expressive skills that can be applied to solo or ensemble-based repertoire. Solo opportunities are available for those interested but are not required. Our December and May concerts are mandatory for Rocket Chorale students. Leadership opportunities are available for Rocket Chorale students who take the class multiple years in a row.

ROCKAPELLA

Course Numbers	Honors 7118 7119 Weight: 1.06
Prerequisites	Grades 10-12. Auditions are required.
Credit	1.0

Rockapella is an auditioned vocal ensemble for singers in grades 10-12. Members must demonstrate high-level vocal and music literacy skills and part independence. The ensemble will specialize in challenging, exciting music spanning a wide variety of time periods and styles. Rockapella will frequently help select their own repertoire and work in student-led sectionals to foster leadership and musical skills. Some evening performances, including the December and May concerts, are required, and all performance dates will be communicated as far in advance as possible. Rockapella will represent McNick on campus during athletics, admissions, and alumni events, and off campus for caroling, community service, and outreach events.

Rockapella Honors: Rockapella Honors builds upon skills learned in Rockapella for students in grades 11-12 and is taught concurrently with Rockapella. In addition to learning repertoire and singing performances with the Rockapella choir, Honors Rockapella students must perform a solo, duet, or trio each semester outside of regularly scheduled Rockapella performances and will have tiered assignments on music theory concepts to continue to challenge each student as academic musicians and vocalists.

INDEPENDENT STUDY: MUSIC

Course Numbers	Semester 7688 Yearlong 7788
Prerequisites	Instructor Recommendation
Credit	.5 or 1.0

Independent Study: Music is for advanced musicians who wish to develop the skills necessary to be successful as a music major or minor can take this course to deep dive into vocal or piano lessons, music theory, aural skills, and composition. Students must have extensive previous musical experience and expect to work on high-level musical and technical concepts during each class period. Students will receive tailored music instruction and assignments.

THEATRE APPRECIATION & PERFORMANCE

Course Numbers	7588
Prerequisites	None
Credit	.5

Theatre Appreciation & Performance is a semester course that concentrates on the fundamentals of both the performance and technical areas of theatre. Students will explore the historical roots of theatre, learn basic acting games & skills, participate in stage productions/stage management, and practice basic directing techniques. Emphasis is on developing individual interpretive and organizational skills, as well as performance appreciation.

INTRO TO ACTING

Course Numbers	7612
Prerequisites	None.
Credit	.5

Intro to Acting is a foundational performance course designed to build confidence, creativity, and essential acting skills. Students will explore character development, voice and movement techniques, and basic scene work through engaging exercises and partner activities. The class emphasizes collaboration, imagination, and risk-taking as students learn to bring stories to life on stage. No prior acting experience is required.

TECHNICAL THEATRE

Course Numbers	I	7610
	II	7611
	Advanced	7711
Prerequisites	None.	
Credit	.5	

Technical Theatre I covers the basics of lighting, sound, costuming, make-up, and stagecraft. Students will complete projects in each technical discipline leading to a culminating project that puts all skills into practice. This is a hands-on class that will allow students to explore how a play goes from the page to the stage.

Technical Theatre II deepens the learning from Technical Theatre I by teaching more advanced skills in lighting, sound, costuming, make-up, and stagecraft. Students will complete projects in each technical discipline leading to a culminating project that puts all skills into practice. This is a hands-on class that will allow students to create a theatrical production involving all technical elements from lights to sound to costumes. A performance of the final product will be showcased at the end of this class. Students must take Technical Theatre I before moving on to II.

ACTING STYLES

Course Numbers	Acting Styles	7630
Prerequisites	Theatre Appreciation and Performance or performance in 2-3 shows or teacher recommendation	
Credit	.5	

Acting Styles is an advanced acting class that covers advanced actor warm-ups and games, stage vs. film acting, performing the song, commercials, and cold readings. Students will explore the techniques of great acting teachers like Uta Hagan, Konstantin Stanislavski, and Chekov Technique. Students will apply these techniques to monologues, scenes, and songs with a class showcase at the end of the semester.

ACTING AND DIRECTING

Course Numbers	Acting & Directing	7640
Prerequisites	Theatre Appreciation and Performance or performance in 2-3 with teacher recommendation	
Credit	.5	

Acting and Directing covers directing styles and tools by exploring different types of performance like Theatre of the Absurd. Students will explore The Actor's Purpose as it pertains to auditioning, rehearsal, and character development. Projects will include devised theatrical performance, one acts, duet scenes, and creative writing projects with a class showcase at the end of the semester.

MUSICAL THEATRE

Course Numbers	Musical Theatre I	7888
	Musical Theatre II	7889
	Advanced Musical Theatre	7990
Prerequisites	Acting Styles or Acting and Directing or performance in 2-3 with teacher recommendation or audition with a song or monologue.	
Credit	.5 or 1.0	

Musical Theatre I & II will explore techniques in singing and acting. In this class, students will continue to build their audition binder by learning, preparing, and presenting monologues and songs from the musical theatre canon from Golden Age musicals through the most contemporary work being presented on the Broadway stage today. Musical Theatre history will be taught in conjunction with performance tasks. Students will also explore the time, place, and history of each musical theatre piece they perform. A performance will be presented at the end of each semester. Students must take Musical Theatre I before moving on to Musical Theatre II. Musical Theatre III is a yearlong continuation of Musical Theatre I and II taught concurrently with Musical Theatre I and II. Students in Musical Theatre III must have already taken Musical Theatre I and II and will have tiered assignments to challenge each student to his or her full potential.

MUSICAL THEATRE DANCE

Course Numbers	I	7890
	II	7891
Prerequisites	None	
Credit	.25	

Musical Theatre Dance cover all styles of dance used in musical theatre performances, including ballet, jazz, tap, hip hop, and ballroom styles. The history of dance in musical theatre will be explored through research and a presentation project. A performance will be presented at the end of each semester. This course can count as a PE credit.

INDEPENDENT STUDY: THEATRE

Course Numbers	Semester	7592
	Yearlong	7599
Prerequisites	Theatre Appreciation or participation in 2-3 shows with teacher recommendation	
Credit	.5	

Independent Studies are designed with the individual student in mind. Students will need to declare a specialty such as technical theatre or performance for their independent study. Students will build creative, theatrical portfolios to showcase their performing or design work as they learn real world marketing techniques, organization skills, and problem solving that will apply in the theatre world and beyond. Master classes will be scheduled to enhance student learning.

PE/HEALTH COURSES

Two semesters of Physical Education and one semester of Health are required to meet state and McNicholas and Ohio graduation requirements. Alternatively, students may opt for the PE waiver if they participate in two seasons of an interscholastic sport.

HEALTH

Course Numbers	9127
Prerequisites	None.
Credit	.5

This one semester online course is a graduation requirement for all students. Students learn how to develop a lifestyle which enhances wellness by furthering their knowledge of their personality, body systems, and behavior.

PHYSICAL EDUCATION

Course Numbers	I 9117 II 9527
Prerequisites	None.
Credit	.5

PE I - All students are required to earn PE credit for graduation. Classes are co-ed. Emphasis will be placed on the students improving their current level of physical fitness. Students will be exposed to many team and individual sports such as volleyball, soccer, basketball, softball, football, track and field, and badminton.

PE II - This one semester course will encourage interest in lifetime sports and major emphasis will be on improving their current level of physical fitness. Flexibility, cardiovascular endurance and muscular strength will be the focus in this fitness-oriented class. Fitness assessment and improvement is a priority. Advanced PE II will primarily focus on weightlifting.

STRENGTH & CONDITIONING

Course Numbers	I 9530 II 9533 III 9554
Prerequisites	PE I
Credit	.25

The Strength and Conditioning course is designed for high school students interested in improving their physical fitness, athletic performance, and overall strength. This course provides a comprehensive foundation in resistance training, cardiovascular conditioning, flexibility, injury prevention, and nutrition. Students will develop a personalized fitness program tailored to their individual goals, whether for sport-specific performance, general fitness, or injury rehabilitation.

ATHLETICS CO-OP

Course Numbers	9550
Prerequisites	PE I or Teacher Recommendation. Grades 10-12.
Credit	.25

This one semester course is designed for students interested in gaining real-world experience in the management and operations of a school's athletic department. This course blends practical work experience with classroom instruction to prepare students for careers in sports management, administration, and related fields. Students will work directly under the supervision of athletic directors, coaches, and other staff members, assisting with various administrative tasks while learning about the organization and logistics of school sports programs.