



McNicholas
HIGH SCHOOL

2021-2022 Course Directory

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This course directory is to be used by students and parents when exploring course options at McNicholas High School. Each student will discuss course selections for the following academic year with his or her counselor prior to registration.

We ask that you carefully consider the options available when scheduling courses; please keep in mind the requirements for graduation from McNicholas High School as well as the college preparatory units that comprise the minimum core requirements for the State of Ohio. Other college entrance requirements, particularly those for specific programs of interest, should also be considered.

Parents with questions regarding the scheduling process should call the Counseling Office at 231-3500, ext. 5128.

Graduation Requirements for McNicholas students are as follows:

- 4 Theology
- 4 English
- 3 Social Studies (1 Government, 1 American History, 1 World History)
- 4 Mathematics (one must be Algebra II)
- .5 Health
- .5 Physical Education or PE waiver
- 3 Science (1 Biological & 1 Physical)
- 1 Fine Art
- 4 Electives (cannot replace above core requirements)

40 hours volunteer service work

Senior Retreat

Passing all required state mandated tests

(2 semesters of PE is equal to 1/2 credit)

COLLEGE ENTRANCE REQUIREMENTS

College entrance requirements vary among institutions, but the minimum core of courses a student should have prior to college entrance as outlined by the State of Ohio includes:

- 4 English
- 4 Math (at least through Algebra II)
- 3 Social Studies
- 3 Lab Sciences
- 2 World Language
- 1 Fine Art
- .5 PE or PE waiver
- .5 Health

Students are encouraged to take as many courses in these areas as possible, even if their plans do not include college at this time. Students and their parents must, of course, consider the student's ability when scheduling classes. Students should consider the requirements of specific colleges, if such decisions have been made.

The following courses offered by McNicholas High School fulfill the fine arts requirement for minimum core:

Foundation of Art	Fine Art I
Drawing & Painting	Portfolio Development
Ceramics I (.5 credit)	Ceramics II (.5 credit)
Photography	Mixed Media
Architecture, Design, & Drafting	Band I, II, III, IV
Percussion Techniques	Guitar Techniques (.5 credit)
Concert Choir	Music Theory
Music Appreciation I (.5 credit)	Music Appreciation II (.5 credit)
Theatre I, II, III, IV	

FINANCIAL LITERACY

The State of Ohio requires all schools to provide curriculum that equips students with the skills and concepts needed for financial literacy. Our students experience this curriculum in the Government/Economics/Personal Finance course or the AP Government course in the junior year. Students may also learn and practice these skills in the semester elective, Personal Finance.

OHIO GRADUATION TESTING REQUIREMENTS

Archbishop McNicholas High School administers tests that are approved by the State of Ohio for covering the graduation requirement. Testing can/may be administered throughout a student's time at McNicholas.

COURSE PLANNING

Students at McNicholas should begin looking at possible course options as early as the freshman year so that all graduation requirements and college preparatory units can be fulfilled by the senior year. Careful planning is essential if students are to have balanced schedules that provide courses in all areas necessary.

In some instances, teacher recommendations are necessary for students to be placed in a class. If a student would like to take the classes but does not have a teacher recommendation, a waiver slip must be signed by the parent and student and to be signed by the parent who assumes full responsibility for a student taking a course for which he/she has not been recommended by the teacher. If a student is on waiver, he/she is expected to put forth the additional effort to complete the course successfully.

Students receive one-on-one guidance from their school counselor when selecting course options for the following year. Each student is provided with course information, teacher recommendations for placement, college requirement updates, and a personal interview with a counselor to facilitate the scheduling process. Contact the school counselors at 513.231.3500 x 5128.

ALTERNATIVE CREDIT

In the event that a student's academic program makes scheduling a course difficult or impractical, approval for courses from an online program, local college, or other accredited program may be made on a case-by-case basis. Such courses should be discussed with the student's counselor and be included in the student's overall academic plan. Alternative credit must be approved by the administration prior to the student enrolling in the program.

Students who wish to take an online course, a course at a local college or other accredited program must provide a detailed description of the course to the counselor. Once approved, the student should enroll in the course and make arrangements for an official grade to be sent to the counseling office upon completion of the course. Any costs incurred in taking such a course are the responsibility of the student. McNicholas High School reserves the right to assess a fee if an approved program requires a teacher or counselor to proctor a test or supervise an activity.

COLLEGE CREDIT PLUS

McNicholas High School offers a number of courses that through College Credit Plus that allow students to earn college credit while in high school. Some of these courses require an extra fee as well as going through a registration process. Each course has its requirements listed in the descriptions that follow. McNicholas High School partners with Cincinnati State, Mt. St. Joseph University as well as the University of Cincinnati through their early IT program for these courses. The CCP courses offered are:

Algebra 3/Trig, Biblical Literature I, II, Fundamentals of IT, Computer Networking, Fundamentals of Web Development, Computer Programming 1, Database Management, Systems Administration, and Art History.

English Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Honors	English I Honors	English II Honors	AP Literature & Composition	AP Language and Composition
College Prep I	English I	English II	English III	English IV
College Prep II	English I	English II	English III	English IV
Electives	Reading Skills	Journalism I Yearbook Creative Writing I Creative Writing II	Journalism I <i>or</i> Advanced Journalism Yearbook Advanced Yearbook Creative Writing Creative Writing II	Journalism I <i>or</i> Advanced Journalism Yearbook Advanced Yearbook Creative Writing I Creative Writing II

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

ENGLISH I

Course Numbers: English I - Honors : 0111 *Wgt. 1.06*
 English I - CP-I 0113
 English I - CP-II 0114

Prerequisites: None, available to grade 9.

Credit: 1

Freshman English integrates the following: an intensive grammar and usage study, a survey of literary genres, prescribed vocabulary and literary terms, and instruction in writing and composition skills. This course also prepares students for the Ohio graduation test requirements.

ENGLISH II

Course Numbers: English II - Honors: 0211 *Wgt. 1.06*
 English II - CP-I 0212
 English II - CP-II 0214

Prerequisites: English I credit, available to grade 10.

Credit: 1

Sophomore English integrates the following: the study of more complex grammar and usage, a study of American Literature and literary movements, prescribed vocabulary and literary terms, and further development of writing and composition skills. This course also prepares students for the Ohio graduation test requirements.

ENGLISH III

Course Numbers: English III - CP-I 0312
English III - CP-II 0314

Prerequisites: English II credit, available to grade 11.

Credit: 1

Junior English integrates the following: review of appropriate grammar and usage topics, a study of British literature and literary movements, prescribed vocabulary and literary terms, and continued emphasis on mastery of writing and composition skills.

ENGLISH IV

Course Numbers: English IV - CP-I 0412
English IV - CP -II 0413

Prerequisites: English III credit, available to grade 12.

Credit: 1

Senior English integrates the following: 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.

AP LITERATURE AND COMPOSITION

Course Number: 0411 *Wgt: 1.06*

Prerequisites: Teacher recommendation. Available to Grade 11

Credit: 1

The course involves extensive challenging reading and continuous writing which focuses on the critical analysis of literature. Special attention is given to analyzing the tone, diction, syntax, structure, theme, and point of view of significant literary works.

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 examination may be awarded college credit in English.

AP LANGUAGE AND COMPOSITION

Course Number: 0410 *Wgt: 1.06*

Prerequisites: Teacher recommendation. Available to Grade 12

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 graphic images as forms of text, from many disciplines and historical periods. 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 exam may be awarded college credit in English.

READING SKILLS

Course Number: 0136

Prerequisites: None, available to grade 9

Credit: 1

Reading Skills is offered to freshmen who test below grade level in comprehension or vocabulary skills on their eighth grade placement test. 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.

CREATIVE WRITING I

Course Number: 0547

Prerequisites: English I credit and current English teacher recommendation.
Available to grades 10, 11, 12.

Credit: .5

This class requires completion of approximately one creative writing assignment (poems, short story, personal narrative) per week in addition to daily writing warm-up activities. Using both writing prompts and original topics, students work on writing and technique each day in class. All students are required to submit work to both the literary journal, *Reflections*, and an outside publication. Each student presents the entire semester's work in a final collection portfolio. There is an additional emphasis on performance of works

CREATIVE WRITING II

Course Number: 0557

Prerequisites: Available to grades 10, 11 and 12.

Student needs an 85% average in Creative Writing I and recommendation of Creative Writing teacher(s).

Credit: .5

This class concentrates on students' strong points in form and technique. Students create showcase portfolios, work independently, and submit work for publication. This entails approximately one creative writing assignment per week in addition to daily writing warm-up activities. There is an additional emphasis on performance of works. Students also oversee the publication of the literary journal, *Reflections*.

JOURNALISM

Course Number: 0567 (semester) 0569 (year)

Prerequisites: Recommendation from English teacher.
Available to grades 10, 11, and 12.

Credit: .5 / 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 may take more than one semester of Journalism.

ADVANCED JOURNALISM

Course Number: 0587

Prerequisites: At least one semester of Journalism. Recommendation from Journalism teacher.

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.

YEARBOOK

Course Number: 0577

Wgt. 1.04

Prerequisites: Recommendation from English teacher.

Available to grades 10, 11, and 12.

Credit: 1

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

ADVANCED YEARBOOK

Course Number: 0597

Wgt. 1.04

Prerequisites: Yearbook I and recommendation of Yearbook I teacher.

Available to grades 11, and 12.

Credit: 1

This year-long course develops professional publication and leadership skills. Students assume the role of editor in the publication of the yearbook, critique page design and content, and make decisions concerning theme, ladder, budget, design, etc.

Mathematics Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Honors: Maintaining a seat in the honors track requires an 80% or higher each year as well as the recommendation of your teacher	Algebra I	Algebra II & Geometry	Pre-Calculus	A.P. Calculus or Calculus
College Preparatory I	Algebra I	Geometry	Algebra II	Pre-Calculus Introduction to Statistics
College Preparatory II	Algebra I	Geometry	Algebra II	Algebra III Introduction to Statistics
College Preparatory III	Algebra I Part 1	Algebra I Part 2	Geometry	Algebra II

ALGEBRA 1 - Honors, CPI, CPII

Course Numbers: Algebra 1 - Honors 1111 *Wgt. 1.06*
 Algebra I CP1 1113
 Algebra I CP2 1116

Prerequisites for all levels: Satisfactory score on placement test and recommendation of teacher.
Credit: 1

Algebra I is a one-year course designed for the freshman with sufficient (CP2) average (CP1), or above average (Honors) mathematical ability and achievement. An in-depth understanding and proficiency of the theory of numbers and operations is expected. The topics covered include: numbers and sets, the language of algebra, solving equations in one variable, solving and graphing the solution sets of inequalities in one variable, operations with polynomials, factoring, working with algebraic fractions, functions and relations, graphs, systems of open sentences in two variables and working with irrational numbers. Setting up and solving problems will be studied. Solving quadratic equations by factoring, completing the square and the quadratic formula will be covered. These courses will prepare students for graduation tests required for Ohio.

ALGEBRA 1 – CP III Part 1

Course Number: 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 CPIII 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, solving inequalities, and has an introduction to functions, and linear functions. This course will prepare students for graduation tests required for Ohio.

ALGEBRA 1 – CP III Part 2:

Course Number: 1218

Prerequisites: Completion of Algebra I – Part 1

Credit: 1

This is a follow up to Algebra I CPIII – 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. Additional topics covered will include absolute value and properties of real numbers. Students apply these concepts while solving equations. Word problems, inequalities, relations, functions, graphing, and polynomials will also be studied. This course will prepare students for graduation tests required for Ohio.

PLANE GEOMETRY – Honors, CPI, CPII, CPIII

Course Numbers:	Geometry - Honors	1211	<i>Wgt. 1.06</i>
	Geometry - CP1	1212	
	Geometry - CPII	1214	
	Geometry - CPIII	1215	

Prerequisites for all levels: Algebra I or its equivalent, placement per teacher recommendation.

Credit: 1

The Plane Geometry course places a great deal of emphasis on the concept of proof. Through the use of definitions, postulates, and theorems, the students are required to reason logically to 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 much emphasis on numeric and algebraic exercises. Area and volume formulas for various plane 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 – Honors, CPI, CPII, CPIII

Course Numbers:	Algebra II - Honors	1221	<i>Wgt. 1.06</i>
	Algebra II - CPI	1312	
	Algebra II - CPII	1314	
	Algebra II - CPIII	1315	

Prerequisites for all levels: Completion of Geometry. Level by recommendation of teacher.

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. Work 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. The conic sections and their properties are examined. Trigonometry is studied, concluding with 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.

ALGEBRA III and TRIGONOMETRY - CPII

Course Number: 1414

1415 CCP

Wgt. 1.06

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 detail while moving into trigonometry. The various aspects of practical applications are stressed with each topic. Topics covered include: absolute values, linear graphs of equations and inequalities, applications of linear systems, operations with graphing of polynomials, extensive factoring with application to equation solving, rational expressions, application of rational equations, roots, radicals, and complex numbers, quadratic equations and inequalities, quadratic and inverse functions, conic sections and trigonometry.

PRECALCULUS – Honors and CPI

Course Numbers: PreCalculus – Honors

1311

Wgt. 1.06

PreCalculus – CPI

1412

Prerequisites for both levels: Completion of Algebra II. Level by recommendation of teacher.

Credit: 1

This course is designed for the fourth year of mathematics or the third year for the honors level student. Subject matter includes extensive work with functions, graphing, conic sections and logarithms. The trigonometric functions and their graphs, identities and equations are covered. The course also includes an introduction to matrices, polar coordinates and sequences and series. The final section of the course gives a brief introduction to calculus through the concepts of limits, continuity and derivatives.

CALCULUS

Course Number: 1421

Wgt. 1.04

Prerequisites: Completion of PreCalculus

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.

AP CALCULUS AB

Course Number: 1411

Wgt. 1.06

Prerequisites: Teacher recommendation required and student should finish Honors Pre-Calculus with at least 80% in order to take A.P. Calculus. Available to 12th graders who have completed 4 years of honors math.

Credit: 1

This college level one-year course in Calculus will begin with a very brief review of different types of functions and examine 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 to prepare students to take the A.P. 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 Number: 1422

Prerequisites: Successful 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. The majority 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.

INTRODUCTION TO STATISTICS

Course Number: 1423

Prerequisites: Complete Algebra 2. Available to 11 and 12.

Credit: 1

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

Introduction to Statistics is an algebra-based approach to statistics. Through exploring and understanding and modeling data, the students will develop the tools and critical thinking skills to become well-informed consumers and citizens in our world. Included topics are: 1- Exploring Data; 2 – Sampling and Experimentation; 3 – Anticipating Patterns.

Theology Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Required Courses:	<p>Scriptures <i>(The Revelation of Jesus Christ in Scriptures)</i></p> <p>and</p> <p>Christology <i>(The Mission of Jesus Christ)</i></p>	<p>Morality <i>(Life in Jesus Christ)</i></p> <p>and</p> <p>Church <i>(Jesus Christ's Mission Continues in the Church)</i></p>	<p>Sacraments <i>(Sacraments as Privileged Encounters with Jesus Christ)</i></p> <p>and</p> <p>Vocations <i>(Responding to the Call of Jesus Christ)</i></p>	<p>Social Justice <i>(Living as a Disciple of Jesus Christ in Society)</i></p> <p>and</p> <p>World Religions <i>(Interreligious and Ecumenical Issues)</i></p>

THEOLOGY I

Course Number: 2110

Prerequisites: None, Required of all freshmen

Credit: 1

SCRIPTURE I /HEBREW SCRIPTURES *(The Revelation of Jesus Christ in Scriptures)* **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 in light of preparing for the messiah, Jesus Christ.

SCRIPTURE II /CHRISTOLOGY *(The Mission of Jesus Christ)*

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.

THEOLOGY II

Course Number: 2210

Prerequisites: One religion credit, required of all sophomores

Credit: 1

MORALITY *(Life in Jesus Christ)*

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 as abortion, capital punishment, and euthanasia will be examined. The theological and moral virtues will be studied in order to develop and make clearer, a vision of what a moral Christian life is all about.

CHURCH (*Jesus Christ's Mission Continues In The Church*)

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."

THEOLOGY III

Course Number: 2310

Prerequisites: Two religion credits, required of all juniors

Credit: 1

SACRAMENTS (*Sacraments As Privileged Encounters With Jesus Christ*)

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 this essential element of Catholic life so that they can better appreciate the deep meaning in the encounter with Jesus through the Sacraments. Emphasis is in discovering the connection between celebration of the Sacraments and lived faith in daily life.

VOCATIONS (*Responding to the Call of Jesus Christ*)

Credit: .5

In this one semester course students will learn that they are called by Christ for a purpose, whether it be to the ordained priesthood, the consecrated religious life, married life or committed single life. Emphasis will be placed on the most fundamental call for us to love. We find how this call is unique to each one, in discerning how we are all called to be disciples of Christ in our world.

THEOLOGY IV

Course Number: 2410

Prerequisites: Three religion credits, required of all seniors

Credit: 1

SOCIAL JUSTICE (*Living as a Disciple of Jesus Christ in Society*)

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*)

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" is very 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.

ELECTIVES

BIBLICAL LITERATURE I

Course Number: 2511 CCP

Wgt. 1.06

Prerequisites: Recommendation of Theology Teacher and English Teacher required.

Credit: 1 Credit

(Fall Semester) This elective Course will be offered to seniors as Dual Credit Course, in cooperation with Mt. St. Joseph University. 3 college credits, from Mt. St. Joseph University will be awarded at the successful completion of this course. A fee of \$150 will be required for the college credit. This course may replace World Religions but not Social Justice.

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.

BIBLICAL LITERATURE II

Course Number: 2512 CCP

Wgt. 1.06

Prerequisites: Recommendation of Theology Teacher and English Teacher required.

Credit: 1 Credit

(Spring Semester) This elective Course will be offered seniors as Dual Credit Course, in cooperation with Mt. St. Joseph University. 3 college credits, from Mt. St. Joseph University will be awarded at the successful completion of this course. A fee of \$150 will be required for the college credit. This course may replace World Religions but not Social Justice.

An exposition of the basic theology of the four Gospels coupled with an analysis of the historical and cultural milieu from which the Christian message arose and the manner in which that message was transmitted and interpreted.

Social Studies Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Advanced Placement:		A.P. U.S. History	A.P. Government/ Economics	A.P. World History
College Preparatory I		Modern American History	Government Economics/Personal Finance	Modern World History
College Preparatory II	American Government and Civics	Modern American History		Modern World History
Electives (Does not count toward 3 required Social Studies credits.)		Introduction to Legal Procedures Psychology	Introduction to Legal Procedures Psychology	Introduction to Legal Procedures Psychology

AMERICAN GOVERNMENT AND CIVICS

Course Number: 3120 Available to Grade 9

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.

MODERN AMERICAN HISTORY

Course Number: 3220 Available to Grade 10

Prerequisites: NONE

Credit: 1

This course is a general survey course that analyzes the political, social and cultural growth of the United States from the age of industrialization to the present day in the context of the major historical events that have shaped American society.

GOVERNMENT/ECONOMICS/PERSONAL FINANCE

Course Number: 3320 Available to Grade 11

Prerequisites: Modern American History or its equivalent

Credit: 1

GOVERNMENT

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 relationship within our federal system and the separation of powers/checks and balances within our national government.

ECONOMICS/PERSONAL FINANCE

This course is an introduction to the role of government in shaping our market economy and its interaction with other types of markets. Topics include the Federal Reserve System, the law of supply and demand, trade and the global economy, and gross domestic product (GDP). Personal finance topics include saving, borrowing, spending, asset management, income and expense budgeting. Emphasis will also be placed on consumer credit, insurance, investments, homeownership, and taxation. This course meets the personal finance literacy requirement for Ohio students.

MODERN WORLD HISTORY AND CURRENT EVENTS CP I

Course Number: 3420 Available to grade 12

Credit: 1

The course provides an in depth analysis of global history during the modern era beginning in 1750 and working forward. This course gives the student an in depth knowledge of the major cultures and events in Europe, Africa, Asia, and South America during modern times. The course will provide an in depth analysis of the major political, social, military, and economic events that have taken place and continue to take place in the world today.

AP U.S. HISTORY

Course Number: 3211 *Wgt. 1.06* Available to Grades 10 & 11

Prerequisites: English teacher recommendation and a minimum grade of 85% in English I Honors, or a minimum of 90% in English I CP I

Credit: 1

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and materials in American history. At the completion of this course, students have the option of taking the College Board Examination. Students receiving a three or better on the exam may be awarded college credit for this course.

AP U.S. GOVERNMENT & POLITICS

Course Number: 3311 *Wgt. 1.06* Available to Grade 11

Prerequisites:

- Social Studies teacher recommendation, a minimum grade of 93% In U.S. History or 93% in Modern American History **and**
- Minimum grade of 85% in English II Honors or 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 materials 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 meets the personal finance literacy requirement for Ohio students.

AP WORLD HISTORY

Course Number: 3440 *Wgt. 1.06* Available to Grade 12

Prerequisites:

- Social Studies teacher recommendation, a minimum grade of 85% in AP US Government or 93% in Government/Economics/Personal Finance, **and**
- A minimum grade of 85% in English III Honors or a minimum of 90% in English III CP I.

Credit: 1

This course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and materials in World History. At the completion of this course, students have the option of taking the College Board Examination. Students receiving a three or better on this exam may earn college credit for the course.

ELECTIVES

INTRODUCTION TO LEGAL PROCEDURES

Course Number: 3547

Prerequisites: None, available to grades 10, 11, 12

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 and an examination of 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. It does not qualify as part of the three social studies credits required

PSYCHOLOGY

Course Number: 3237

Prerequisites: None, available to grades 10, 11, 12

Credit: .5

This one semester course will provide a basic understanding of the principles of psychology. The course will look at various approaches to studying psychology. Throughout the semester we will cover topics in learning and cognition, body and mind, development, personality, social psychology, and career opportunities in psychology. Course work will include examination of case studies and completion of short simulations or experiments in addition to readings from the text. The course has elective status only. It does not qualify towards the three required social studies credits required for graduation.

World Language Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Honors	Spanish I Honors French I Honors Latin I Honors	Spanish II Honors French II Honors Latin II Honors	Spanish III Honors French III Honors Latin III Honors	AP Spanish AP French AP Latin
College Preparatory I	Spanish I French I Latin I	Spanish II Spanish I French II French I Latin II Latin I	Spanish III Spanish II French III French II Latin III Latin II	Spanish IV Spanish III French IV French III Latin IV Latin III
College Preparatory II		Spanish I CP II	Spanish II CP II	Spanish III

SPANISH I HONORS

Course Number: 4111

Wgt. 1.06

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Available to grades 9, 10, 11, 12

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 through Reading and Storytelling) an immersion-like environment is created for authentic communication, maximum fluency and acquisition. Activities and resources include an interactive student smart book, embedded readings, novels, movie talk, interviews, conversation, dialogues, story-writing, theater, free voluntary reading, speed reading, journal writing, songs, games, videos and projects. An emphasis on the Hispanic culture and its impact and enrichment of the U.S. culture.

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 I

Course Number: 4112

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Available to grades 9,10,11,12.

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 through Reading and Storytelling) an immersion-like environment is created for authentic communication, maximum fluency and acquisition. Activities and resources include an interactive student smart book, embedded readings, novels, movie talk, interviews, conversation, dialogues, story-writing, theater, free voluntary reading, speed reading, journal writing, songs, games, videos and projects. An emphasis on the Hispanic culture and its impact and enrichment of the U.S. culture.

SPANISH I CP2

Course Number: 4114

Prerequisites: Language aptitude as indicated by entrance test or departmental test.
Available to grades 9,10,11.

Credit: 1

This course concentrates on communicating in Spanish through the study of the four skills of listening, speaking, reading and writing. The content and materials are similar to Spanish I, but the pace and assessments are designed to aid acquisition at a level appropriate to the students.

SPANISH II HONORS

Course Number: 4211 *Wgt. 1.06*

Prerequisites: Teacher recommendation.

Credit: 1

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 II

Course Number: 4212

Prerequisites: 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 IC-2 with a grade of 85% or above and teacher recommendation. Available to grades 9, 10, 11,12

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 CP II

Course Number: 4215

Prerequisites: An average of 77% or better in Spanish I CP II, and teacher recommendation.

Credit: 1

This second year of basic Spanish is designed for those students who require more time to learn a foreign language. This course thoroughly reviews the skills, vocabulary and language structure learned in Spanish 1 CPII. This course again concentrates on the four skills of listening, speaking, reading, and writing in Spanish through continued study of basic grammar, vocabulary, and composition. The language is taught with an emphasis on communication and Hispanic culture.

SPANISH III HONORS

Course Number: 4311 *Wgt. 1.06*

Prerequisites: Teacher recommendation. Available to grades 11,12.

Credit: 1

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.

SPANISH III

Course Number: 4312 *Wgt. 1.04*

Prerequisites: Teacher recommendation with an 85% average. Available to grades 10, 11,12.

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 IV

Course Number: 4412 *Wgt. 1.04*

Prerequisites: Teacher recommendation with an 85% average. Available to grade 11 and 12

Credit: 1

This course fully utilizes communication in the target language at all opportunities including everyday topics and literary works. 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 in familiarization with the Hispanic culture and the mutual and reciprocal influence between both cultures.

AP SPANISH LANGUAGE

Course Number: 4411 *Wgt. 1.06*

Prerequisites: Teacher recommendation based upon 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.

LATIN I HONORS

Course Number: 4131 *Wgt. 1.06*

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Available to grades 9,10,11,12.

Credit: 1

Latin I Honors is a foundational course in 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 inflected word endings. These elements are vital to continued successes 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 more rigorous curriculum, and will be expected to learn at a faster pace.

LATIN I

Course Number: 4132

Prerequisites: Language aptitude as indicated by entrance test or recommendation by English scores. Available to grades 9,10,11.

Credit: 1

Latin I is a foundational course in 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 inflected word endings. These elements are vital to continued successes 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 II HONORS

Course Number: 4231

Wgt. 1.06

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Teacher recommendation.

Credit: 1

Latin II Honors is a continuation of the Latin course of study begun in Latin I Honors. Students will call upon their knowledge of basic Latin grammar 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.

Latin II Honors is meant to set students on a 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 II

Course Number: 4232

Prerequisites: Latin I credit, teacher recommendation.

Available to grades 10, 11, 12.

Credit: 1

Latin II is a continuation of the Latin course of study begun in Latin I. Students will call upon their knowledge of basic Latin grammar 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.

LATIN III HONORS

Course Number: 4331

Wgt. 1.06

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Teacher recommendation.

Credit: 1

Latin III Honors is a reading based course that puts to use all knowledge gained during the Latin I and II Honors courses. Students will encounter a comprehensive review of Latin language characteristics while engaging in close readings of Latin poetry from Ovid, Catullus, and Martial. So that our study of Latin poetry be complete, we will study Roman literary techniques and traditions, the life and times of the poets, and the contexts in which the poems were written and read. Students will leave the class with strong translation skills and a formidable knowledge of Classical Latin poetry.

The Latin III 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 Number: 4332

Wgt. 1.04

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Teacher recommendation.

Credit: 1

Latin III is a reading based course that puts all knowledge gained during Latin I and II to use. Students will encounter a comprehensive review of Latin language characteristics while engaging in a close reading of Ovid's *Amores* and *Metamorphoses*, as well as additional material from Horace's *Odes* and *Satires*, and Martial's epigrams. So that our study of these readings be complete, we will study Roman literary techniques and traditions, the poet's lives and times, and the context in which the poem was written and read. Students will leave the class with strong translation skills and a formidable knowledge of classical Latin poets.

LATIN IV

Course Number: 4432

Wgt. 1.04

Prerequisites: Teacher invitation, available to grade 12. Based on aptitude and outstanding 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 add depth to the task of translating. Linguistic accuracy, speed, and comprehension, together with facility in communication of ideas are emphasized. Other poets to be read and discussed include Ovid, Catullus, Horace and Martial.

AP LATIN

Course Number: 4431

Wgt. 1.06

Prerequisites: Teacher invitation, available to grade 12. Based on aptitude and outstanding 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.

FRENCH I HONORS

Course Number: 4121

Wgt. 1.06

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Available to grades 9,10,11,12.

Credit: 1

This course concentrates on developing the skills of listening, speaking, reading, and writing in the French language. These course components will be practiced extensively, especially in acquisition of vocabulary and present-tense verbs, and in learning about francophone cultures. 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 I

Course Number: 4122

Prerequisites: Language aptitude as indicated by entrance test or departmental test. Available to grades 9, 10, 11, 12

Credit: 1

In this introductory course to the French language, the skills of listening, speaking, reading, and writing are all practiced extensively. Attention is given to development of vocabulary and to understanding the structure of the language, especially the correct use of verbs in the present tense. French culture and its impact and influence on the world community is introduced.

FRENCH II HONORS

Course Number: 4221

Wgt. 1.06

Prerequisites: Completion of French Honors I with 85% or teacher recommendation.

Credit: 1

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 II

Course Number: 4222

Prerequisites: Passing grade in French I, probationary status if French I average is 77% or below. Available to grades 10,11,12. Available to grade 9 if student has completed French I elsewhere and student demonstrates proficiency on French placement test.

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.

FRENCH III HONORS

Course Number: 4323

Wgt. 1.06

Prerequisites: Completion of French Honors I and French II Honors or French II by teacher invitation.

Credit: 1

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 III

Course Number: 4322

Wgt. 1.04

Prerequisites: Teacher recommendation with an 85% average in French II.

Available to grades 11, 12 or by teacher invitation in special circumstances prior to grade 11.

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.

FRENCH IV Honors

Course Number: 4422

Wgt. 1.04

Prerequisites: Teacher recommendation with an 85% in French III.

Available to grades 11 & 12

Credit: 1

This course fully utilizes communication in French at all opportunities including everyday topics and literary works. 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.

AP FRENCH

Course Number: 4421

Wgt. 1.06

Prerequisites: Teacher recommendation based upon 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.

GREEK

Course Number: 4521

Prerequisites: None

Credit: .5

A survey course designed to immerse students in the history, culture, and language of Ancient Greece. Students will leave with a foundational knowledge of Attic grammar and a working vocabulary. They will closely examine the poleis of Athens and Sparta, paying special attention to each city's government, religion, culture, and achievement from the Golden Age to the Peloponnesian Wars.

Specific Objectives and Activities:

During this course, emphasis is placed on:

1. A focused study of the most fundamental Attic Greek grammar.
2. An in depth working Greek vocabulary with ties to English derivatives.
3. The development of an ability to read and translate simple passages of Attic Greek.

Science Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Honors	Biology	Chemistry	A.P. Biology A.P. Chemistry A.P. Physics I	A.P. Physics I A.P. Physics II A.P. Biology A.P. Chemistry
College Prep I	Biology	Anatomy & Physiology	Chemistry	Physics
College Prep II	Environmental Science	Biology	Chemistry in the Community	Anatomy and Physiology
Electives			Intro to Engineering	Intro to Engineering
Progression in the science curriculum is dependent upon student performance and teacher recommendation. Some pre-requisites apply.				

ENVIRONMENTAL SCIENCE

Course Number: 5116

Prerequisites: None, available to grade 9.

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 emphasize the development of science literacy and skills, and includes preparation for graduation test requirements in Ohio.

BIOLOGY

Course Number: 5112

Prerequisites: Environmental Science students need teacher recommendation.

Available to grades 9,10.

Credit: 1

A lecture/laboratory course covering the basic concepts of taxonomy, cell biology, genetics, evolution, botany, invertebrate and vertebrate zoology, and ecology. This course includes preparation for graduation test requirements in Ohio.

ANATOMY AND PHYSIOLOGY

Course Number: 5223

Prerequisites: Biology and teacher recommendation.

Available to grades 10, 11, 12

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 health care field. This course includes standardized testing preparation where applicable.

CHEMISTRY

Course Number: 5312

Wgt. 1.04

Prerequisites: Freshmen who wish to take chemistry in their sophomore year must have 90% in Biology I, and 85% in Algebra I Honors or have an 90% in Algebra I CPI and Biology teacher recommendation. Sophomores and juniors need a biology credit, an Algebra I credit, and recommendation of their current science teacher or department chair. Chemistry is not recommended for students who have not successfully completed Algebra I.

Available to grades 10, 11, 12

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, equilibrium, and nuclear reactions. This course includes standardized test preparation where applicable.

AP CHEMISTRY

Course Number: 5621

Wgt. 1.06

Prerequisites: 85% in Biology, 90% in chemistry, 90% in Algebra II CPI or higher. Current teacher recommendation and invitation of AP teacher.

Available to grades 11, 12

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.

CHEMISTRY IN THE COMMUNITY

Course Number: 5335

Prerequisites: Algebra I, Biology I. Open to juniors and seniors with teacher recommendation.

Credit: 1

An examination of core concepts of chemistry with key societal issues. Labs are an important part of the course; mathematical applications are minimal. This course includes standardized testing preparation where applicable.

AP BIOLOGY

Course Number: 5321

Wgt. 1.06

Prerequisites: 85% in Chemistry, current teacher recommendation, and invitation of AP teacher.

Available to grades 11, 12.

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.

PHYSICS

Course Number: 5412

Wgt. 1.04

Prerequisites: Available to grades 11, 12

- Sophomores who wish to take physics in their junior year should have credit in chemistry and chemistry teacher recommendation, geometry credit, and 80% in Algebra II Honors.

- Sophomores who have earned a 90% or higher in chemistry and Algebra I CPI or higher may take Physics and Algebra II concurrently with recommendation of their current science teacher.
- Juniors presently taking Algebra II CPI should have 80% in chemistry and chemistry teacher recommendation, geometry credit, and 80% in Algebra II CPI or Honors Algebra II. Juniors presently taking geometry CP I and planning to enroll in Algebra II CP I as seniors must have the recommendation of their current math and science teacher.

Credit: 1

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

AP PHYSICS I *(Algebra based)*

Course Number: 5413 *Wgt. 1.06*

Prerequisites: Juniors who wish to take AP Physics I need to have finished Algebra II CPI or higher or can be taking Algebra II CPI or higher concurrently. Students must have recommendation from current math teacher and invitation of AP teacher. Available to grades 11, and 12.

Credit: 1

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 (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. 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 Advanced Placement Physics 1: Algebra-Based exam, by which college credit may be earned.

AP PHYSICS II *(Algebra based-Online course)*

Course Number: 5414 *Wgt. 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. Available to grade 12.

Credit: 1

AP Physics II is an **online** 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. At the end of the course students will take the AP Physics B II exam, which will test their knowledge of both the concepts taught in the course and their use of the correct formulas.

INTRODUCTION TO ENGINEERING

Course Number: 5421

Prerequisites: Students should have successfully completed Algebra II and Chemistry. Available to grades 11 and 12.

Credit: .05

Introduction to Engineering is a one semester, project based course in which students will have the opportunity to practice authentic engineering skills. Students will work in teams to develop, build and test designs to solve various problems. Students will learn to prepare appropriate documentation for their designs and communicate the outcome of their projects. This course is for students who are considering a career in engineering.

Business Technology Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
UC Early IT Program Sequence	Fundamentals of IT	Computer Networking Computer Programming I Fundamentals of Web Development	Database Management Computer Programming I Systems Administration	
Technology Courses <i>(These courses can be taken outside the UC IT Program)</i>	Technology & Communication Fundamentals of IT	AP Computer Programming Computer Networking Computer Programming I Database Management Film Making Fundamentals of Web Development Intro to Animation Intro to Game Design Systems Administration Video Editing		
Business Courses		Accounting Personal Finance Principles of Business	Accounting Personal Finance Principles of Business	Accounting Personal Finance Principles of Business

COMPUTER NETWORKING – Semester Course

Course Number: 8201 Credit .5

8210 CCP Credit 1 *Wgt. 1.6*

Prerequisites: Fundamentals of IT

Credit: 1

This course is intended for sophomore and higher level. This course covers the basics of networking. Core networking topologies and implementation examples are discussed in addition to OSI and TCP/IP models. 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 Early College IT Program. **CCP Eligible

DATABASE MANAGEMENT 1 – Semester Course

Course Number: 8302 Credit .5
8304 CCP Credit 1 Wgt. 1.6

This course is intended for junior and senior level students 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 Early College IT Program. (This is a 1 semester course)

AP COMPUTER PROGRAMMING

Course Number: 8357 Wgt. 1.06
Prerequisites: Computer Programming I or permission of teacher.
Available to grade 11 & 12
Credit: 1

This course is designed to 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.

FILM MAKING

Course Number: 8349
Prerequisites: Video Editing. Available to grades 10, 11, 12.
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.

INTRODUCTION TO ANIMATION

Course Number: 8219
Prerequisites: None. Available to grades 10, 11, and 12
Credit: .5

This semester course will use the Academy of Motion Picture's "Creating Movement Frame by Frame" in conjunction with the Alice software developed by Carnegie Mellon University. In "Frame by Frame" students would learn the origins of animation, principles of design, storyboarding, and CGI (Computer Generated Imagery) concepts. Students would then use Alice to bring their creations to life. Alice is an innovative 3D programming environment that makes it easy to create an animation for telling a story or a video to share on the web. In Alice, 3-D objects (e.g., people, animals, and vehicles) populate a virtual world and students design the logic structure necessary to animate the objects. Both Frame by Frame and Alice are free.

INTRODUCTION TO GAME DESIGN

Course Number: 8220
Prerequisites: None. Available to grades 10, 11, and 12
Credit: .5

This semester course will answer the questions of what makes a good game. This course would explore the fundamentals of game design – both digital and non-digital. Topics covered will

combine basic fundamentals of game theory, probability, strategy, design, and elementary programming concepts, as well as storytelling, graphic design, ethics and interactive design. Students will create several non-digital games, as well as several digital games using Greenfoot. Greenfoot is a free drop and drag game creation software.

TECHNOLOGY & COMMUNICATION Second Semester

Course Number: 8117

Prerequisites: None, Open to freshmen.

Credit: .5

This 2nd 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 & academic resumes, cover letters, template usage), Excel & Personal Finance (complex formulas, using spreadsheets to track expenses, debit/credit cards, bank accounts), Technology & Society (current events, ethical usage) and public speaking.

VIDEO EDITING

Course Number: 8348

Prerequisites: None. Available to grades 10, 11, 12.

Credit: .5

This one semester course is designed for the creative student who is interested learning basic motion video and video editing using Adobe Premiere. Students will produce both individual and group videos on topics of their choosing. Topics have included, but are not limited to, videos about themselves, the school, a movie trailer, a team or personal highlight video, a music video, a play, a montage of favorite team, Senior Video, the Mardi Gras and the Rocket Report.

ACCOUNTING

Course Number: 8528

Prerequisites: None, Available to grades 11, 12

Credit: .5

This one semester course is strongly recommended for students planning to major in a business related discipline in college.

Accounting will enable a student to develop the proper background to advance in the business world. Included in the course are procedures to open and keep a set of books, prepare financial statements, work with payroll transactions, be knowledgeable in corporations and single proprietorships as a form of business organization, and learn proper income tax requirements. Students will practice manual accounting procedures similar, if not the same, to an entry level college Accounting course.

PERSONAL FINANCE

Course Number: 8538

Prerequisites: None, available to grades 10, 11, 12

Credit: .5

This is a one semester introductory business course that familiarizes students with the financial world. Topics covered include consumerism, banking, credit, insurance and our economic system. Practical topics such as personal finance, credit cards, mortgages, checking account, paying for college, investing, types of insurance and auto loans will also be covered.

This course meets the personal finance literacy requirement for Ohio students. Due to the instant real-world application this course offers, it is strongly recommended to all students, especially those planning to major in a business related discipline in college.

PRINCIPLES OF BUSINESS

Course Number: 8539

Prerequisites: None, available to grades 11, 12

Credit: .5

This one semester course provides an overview of the various functions and activities of business enterprises. Marketing, human resources, accounting, finance, and operations are examined. Additionally, topics of globalization and economics are covered. Students will learn important business terms and concepts.

TECHNOLOGY HELP DESK

Course Number: 8248 – one semester
8249 – full year

Credit: .25

Credit: .50

Prerequisite: A minimum grade of 90% in Technology and Communication
Available to grades 10, 11, 12
Passing interview process

The Technology Help Desk course is designed for students who wish to pursue a career in dealing with computers and technology. Students will assist at the Help Desk and gain troubleshooting and hardware maintenance skills.

Visual Arts Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Fine Arts: (fulfills McN graduation and college entrance requirement)	Foundation Art	Architectural Design & Drafting I	Architectural Design & Drafting I, II	Architectural Design & Drafting I, II
		Art History (*CCP)	Art History (*CCP)	Art History (*CCP)
		Ceramics I Ceramics II	Ceramics I Ceramics II	Ceramics I Ceramics II
		Drawing/Painting	Drawing/Painting	Drawing/Painting
		Fine Art I	Digital Photography	Digital Photography
		Mixed Media	Fine Art I	Fine Art I
		Photography I	Mixed Media	Mixed Media
		Phone Photography	Traditional Photography	Phone Photography
			Phone Photography	Traditional Photography
			Portfolio Development	Portfolio Development
		Independent Studio - Ceramics	Independent Studio	
			AP Architecture (2D) AP Ceramics (3D) AP Drawing (2D) AP Painting (2D) AP Photography (2D)	
		*CCP=College Credit Plus Courses		

FOUNDATION ART

Course Number: 6117

Prerequisites: 8th grade portfolio review or Permission from the instructor.

For Grade 9

Credit: 1

Students will study and develop their visual, creative, and critical thinking skills through the investigation of the fundamentals of art: the elements and principles of Design, observational drawing, line and shading techniques, perspective, art history art appreciation, criticism, color and digital experiences. A variety of mediums, subject matter and techniques will be experienced in the study of various artist and movements in past and modern art. Drawing exercises and criticism are integrated throughout the year.

ART HISTORY or CCP ART HISTORY (through Cincinnati State)

Course Number: 6595 **Credit .5**
6596 CCP **Credit 1** *Wgt. 1.6*

Prerequisite: McNick None

Prerequisite: CCP- Student registered with Cincinnati State

Available Grades: 10, 11, 12

Credit: .5 McNick | CCP: 3 College Credits-Transferable Guaranteed

Length: Semester

This art history course introduces students to a broad range of issues, skills and practices in the field of visual studies with a focus on works of art and architecture. The curriculum is designed to familiarize students with some of the major periods in both Western and Non-Western art history. This course introduces the student to formal and visual analysis and guides them in examining works of art and architecture within appropriate contextual and cultural frameworks.

FINE ART I

Course Number: 6003

Prerequisites: None

Credit: 1

This course is an introduction to the visual arts with emphasis on developing an understanding 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 element's principles of design. Students will develop skills in critical thinking and appreciation of art. We will survey movements in art as well as key artists of various movements and the impact of these on societies. There will be a balance of visual observation, study, writing, and hands on experience in this course.

DRAWING / PAINTING

Course Number: 6225

Prerequisites: Foundation Art or Fine Art

Available to grades 10, 11, 12

Credit: 1

Drawing and Painting emphasizes drawing as basic to all artwork. Visual thinking skills are developed as students explore drawing and painting techniques emphasizing value, light, perspective, and form. Basic techniques in pen, pencil marker, charcoal, and pastels will be used to create drawings. Basic techniques in acrylic paint, watercolor, pastels, and mixed media will be explored. Students will work from observations as well as other sources of references including the process of abstraction. A mixed variety of artists, movements, and styles will be studied to complete works.

MIXED MEDIA

Course Number: 6530

Prerequisites: None

Available to Grades: 10, 11, 12.

Credit: 1

In Mixed Media students will Experience the Arts in a unique, fun, and creative way. Experiences include different 2D and 3D approaches in mixed media and various art making processes in a wide range of mediums. The various art making processes and experiences include 3D works in paper Mache, wire sculpture, wood and printmaking, expressive techniques in painting, printmaking, watercolor, design and other mediums. This is a hands-on course and does not require drawing skills Embrace the experience of creating art in new ways.

“Embrace the Chase” We are made in the image of our Creator, God’s image. Being creative and expressing one’s self is innate and is a gift that can be used for a life time.

AP ART 2D - DESIGN, (Architecture, Drawing, and Painting)

Course Number: 6411 *Wgt. 1.06*

Prerequisites: 93% average in previous art courses and recommendation by instructor, a portfolio review and conference with student, parent and teacher. Available to Grade 12.

Credit: 1

- **AP Architecture** – 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
- **AP Drawing and Painting** – AP Drawing and Painting is for students who want to pursue a higher level of drawing and/or painting. Students will be required to work outside and beyond scheduled class time. The drawing portfolio may include a broad interpretation of drawing issued including abstract and observational works. A portfolio of 12 concentration works and 12 breadth works from which 5 quality works are selected to make a final portfolio of 24-30 artworks. 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 Number: 6547

Prerequisites: None

Available to grades 10, 11, 12.

Credit: .5 for semester or 1.0 full year course with Ceramics II

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 – (Potter’s Wheel)

Course Number: 6570

Prerequisites: Ceramics I and/or recommendation of teacher.

Available to grades 10, 11, 12

Credit: .5

Ceramics II is a studio course which 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 ART 3D – STUDIO (Ceramics)

Course Number: 6512 *Wgt. 1.06*

Prerequisites: 93% average in Ceramics II or Advanced Ceramics and recommendation by instructor. Available to Grade 12.

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 to the College Board's AP Program in May. Students are responsible for the AP testing fee.

ARCHITECTURE I

Course Number: 6577

Prerequisites: None. Available to grades 10, 11, 12. *Limited Enrollment*

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, relationship of elements, and development of 2-D and 3-D design projects. Includes use of tools, lettering, dimensioning, hand drafting techniques, and frame construction vocabulary and technology. Introduces concepts, techniques and procedures necessary to facilitate a basic functional understanding of REVIT.

ARCHITECTURE II

Course Number: 6587

Prerequisites: 90% average in Architectural Design and Drafting I, instructor recommendation Available to grades 11, 12. *Limited Enrollment*

Credit: 1

Continuation of Architectural Design I. Problems involve larger scale, broader scope, and increased complexity. Advanced and digital presentation techniques will be used for presentations. Exploration of form and space of the built environment. Includes process of problem analysis and evaluation to generate concepts and develop solutions.

PHONE PHOTOGRAPHY

Course Number: 6560

Prerequisites: None

Grades 10, 11, 12

Credit: 1

Length: Full Year

Class Requirement: Smartphone

This studio course is an introduction to the building blocks (foundations) of fine art. With subject matter of their own choosing, students will move past taking photographs that document subject and happening only, and into the arena of creating (making) fine art works. Students will do this by mindfully manipulating the foundational components and structures of their photograph in order to create works that are more compositionally sound, engaging and clearly expressive. The course will introduce the basics of digital file handling as well as pre and post image capture manipulation.

DIGITAL PHOTOGRAPHY

Course Number: 6561

Prerequisites: Phone Photography

Grade: 11,12

Credit: 1

Length: Full Year

The objective of the Digital Photography is to further the photo student's digital photography skills as well as their appreciation and awareness of what it means to "communicate" by way of the medium of photography. Students will work almost exclusively with DSLR (Digital Single Lens Reflex) cameras. With a continued and sustained focus on best practices in composition and design, students will continue to hone skills at controlling exposure and light, while layering on more advanced and non-traditional techniques in alternative processing and photographic manipulation. The students will continue learning and using Adobe Creative Cloud editing programs.

TRADITIONAL PHOTOGRAPHY

Course Number 6562

Prerequisites: Phone Photography

Grades: 11 & 12

Credit : 1

This course introduces students to black and white film photography and Silver-Gelatin, darkroom processing. The course will help photo students build upon the fundamentals and foundations of photography and composition and design (learned in *Phone Photography*). A variety of topics in fine art photography will be reviewed and/or covered.

AP PHOTOGRAPHY (2D Design)

Course Number: 6511 *Wgt. 1.06*

Prerequisites: This year long, limited enrollment class is open to students in grade 12. **Teacher recommendation as well as a minimum combined average of 93% in Photography I and II. Students must have full-time access to a DSLR camera and/or a fully manual, 35 mm SLR camera. Please refer to the AP Photography syllabus and supply form for additional details concerning required equipment and expenses.** A portfolio of original digital works will be required for evaluation by the AP instructors and in advance of enrollment into AP Photography (2D).

Summer AP assignments will be provided to proposed AP students at the end of their 11th grade year.

Credit: 1

AP Photography (2D Design) is an advanced course for highly motivated photography students who are 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 AP College Board in early May for grading. Students are responsible for AP test fee.

PORTFOLIO DEVELOPMENT

Course Number: 6420

Prerequisites: Drawing and Painting. Available to grades 11, 12.

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 emphasis in advanced observational drawing, color, perspective, an abstraction process, a concentration, and 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 art works are required each quarter. When completed, sixteen to twenty works will be included in student's final portfolio

INDEPENDENT STUDIOS

CERAMICS

Course Number 6581

Prerequisites: Ceramics I & II and teacher permission. Available to grades 11 & 12

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 ceramic techniques and surface treatments. Students will work with broader concepts: Realism/abstract, content/narrative and how to professionally present their works of art.

DRAWING AND PAINTING

Course Number: 6580

Prerequisites: Drawing and Painting, or Portfolio Development. Available to grade 12.

Credit: 1

This course is for the advanced student who is interested in enhancing and creating his/her own style. Students will study and explore the elements and principals of Design, drawing, perspective, art appreciation, criticism, and color. A variety of mediums, subject matter and techniques will be experienced in relation to an art time line and the movements in modern art. Observational exercises, art appreciation and criticism are integrated throughout the year.

PHOTOGRAPHY

Course Number: 6588

Prerequisites: Phone Photography, Digital Photography or Traditional Photography
Available Grade: 12

Credit: 1

This course is for the advanced student who is interested in enhancing and creating in his or her own style. Independent study is for the student who needs the flexibility in their schedule to work in their selected medium. Students, along with their teacher, will create an independent series of works in a selected medium to enhance their final portfolio. Studies in abstractions, or a concentration. and independent exploration of various mediums and techniques. Four to six quality art works are required each quarter.

Performing Arts Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Fine Arts: (fulfills McN graduation and college entrance requirement)	Percussion Techniques	Percussion Techniques	Percussion Techniques	Percussion Techniques
	Band I	Band I or II	Band I, II or III	Band I, II, III or IV
	Concert Choir I Liturgy Choir	Concert Choir I or II Liturgy Choir	Concert Choir I, II or III Liturgy Choir	Concert Choir I, II, III, or IV Liturgy Choir
	Theatre Performance I (by audition)	Theatre Performance I or II	Theatre Performance I or II or III	Theatre Performance I, II, III or IV
		Music Appreciation Music Theory	Music Appreciation Music Theory	Music Appreciation Music Theory
		Guitar Techniques	Guitar Techniques	Guitar Techniques

BAND I, II, III, IV

Course Number: 7117, 7217, 7317, 7417

Prerequisites: None, available to grades 9, 10, 11, 12. Some fees are involved.

Credit: 1

McNicholas' band program meets as a class daily. 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.

PERCUSSION TECHNIQUES

Course Number: 7519

Available to grades 9, 10, 11, 12

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 I

Course Number: 7557 Music Appreciation I

Prerequisites: None, available to grades 10, 11, 12

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. This course can combine with Music Appreciation II to complete the fine arts requirement.

MUSIC APPRECIATION II

Course Number: 7567 Music Appreciation I

Prerequisites: None, available to grades 10, 11, 12

Credit: .5

This course, 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 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 THEORY

Course Number: 7655

Prerequisites: None. Available to grades 10, 11, 12

Credit: 1

This course introduces the fundamental aspects of music theory. Students with a limited background in music theory will have the opportunity to study the basic elements of music including notation, rhythm, scales, key signatures, intervals, and chords, as well as beginning level melodic and rhythmic dictation/ear-training and basic sight-singing skills.

CONCERT CHOIR

Course Number: 7517 - One Semester **Credit:** .5

7547 - Year **Credit:** 1

Prerequisites: None, available to grades 9,10,11,12.

Students may take this class for the fall or spring semester or the whole year.

Students taking this course will study and perform music of a variety of styles. This musical group is ideal for students with all levels of ability. Students will learn sight-reading skills, musical notation, and varied choral styles. Students may take this class for a year to fulfill their fine arts requirement.

LITURGY CHOIR

Course Number: 7552 - One Semester **Credit:** 0.125

7551 - Year **Credit:** 0.25

Prerequisites: None, available to grades 9,10,11,12.

Students may take this class for the fall or spring semester or the whole year.

Liturgy Choir meets Mondays and Wednesdays from 2:50 – 4:00. Liturgy choir is offered as a 9th bell class, for .25 credit. This group is open to singers and ALL instrumentalists and provides

music for monthly school liturgies, occasional Sunday masses, prayer services, concerts, and community events.

GUITAR TECHNIQUES

Course Number: 7520

Prerequisites: None. Available to 10, 11, 12 Limited Enrollment

Credit: .5

This one semester course is directed toward 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 guitar.

THEATRE PERFORMANCE I

Course Number: 7577

Prerequisites: None. Available to grade 9 by audition.

Available to grades 10, 11, 12

Credit: 1

Theatre Performance I will concentrate on the fundamentals of both the performance and technical areas of theatre. The student will explore the historical roots of theatre, learn basic acting skills, participate in stage productions/stage management, and practice basic directing techniques. Preparation for these activities will follow a structured set of guidelines. Emphasis is on developing individual interpretive and organizational skills as well as performance appreciation. Grade for this course is based on performance, preparation of materials and written tests.

THEATRE PERFORMANCE II

Course Number: 7587

Prerequisites: Theatre Performance I credit of a B+ or higher and teacher recommendation.

Available to grades 10, 11, 12

Credit: 1

Theatre Performance II concentrates on acting and directing. Students will study the development of acting and directing, applying these skills to in-class and public performances. In addition, students will be responsible for reviewing professional, and school productions. Grade for this course is based on performance, preparation of materials, written tests, and research projects. Emphasis is on ensemble work.

THEATRE PERFORMANCE III

Course Number: 7597

Prerequisites: Theatre Performance I, II, credit of a B+ or higher and teacher recommendation. Available to grades 11, 12

Credit: 1

Theatre Performance III will require students to do major projects each quarter. These projects will be in the areas of directing, acting, stage management and designing. Historical research on playwrights, actors, and designers will be incorporated in the course work. The technical area will require that set models be built, light plots designed, and ground plans graphed. These projects will end in oral presentation to the class.

THEATRE PERFORMANCE IV

Course Number: 0634

Prerequisites: Theatre Performance I, II, III credit of a B+ or higher and teacher recommendation.
Available to grade 12.

Credit: 1

Theatre Performance IV is essentially an independent theatre seminar. The student will be doing major projects in the areas of technical theatre, performance theatre, and playwriting. In all these areas, the student will be expected to follow the guidelines and meet the criteria specific to the selected projects. Grades will be based on preparation, reports, work journals, performances, and in-class participation.

Physical Education and Health Courses

	<u>Grade 9</u>	<u>Grade 10</u>	<u>Grade 11</u>	<u>Grade 12</u>
Required Courses:	Phys Ed/Health			
Two semesters of Phys Ed and one semester of Health required to meet state and McN requirements.		Phys Ed II	Phys Ed II	Phys Ed II

HEALTH

Course Number: 9127

Prerequisites: No. Available to all grades

Credit: .5

This one semester online course is required of all students. Students learn how to develop a life-style which enhances wellness by furthering their knowledge of their personality, body systems, and behavior.

PHYSICAL EDUCATION I

Course Number: 9117

Prerequisites: None, available to grades

Credit: .25

This one semester course is required of all students. 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.

PHYSICAL EDUCATION II

Course Number: 9527

Prerequisites: PE I, available to grades 10, 11, 12

Credit: .25

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.