



Bishop Chatard High School Course Descriptions 2025-2026

THEOLOGY

The theology curriculum of Bishop Chatard is designed to encompass all major points and to advance further topics suggested by the United States Council of Catholic Bishops (USCCB).

Theology I

The Revelation of Jesus Christ in Scripture; Who Is Jesus Christ?

Grade 9

Two semesters/Required

The first semester will give students a general knowledge and appreciation of the Sacred Scriptures. Students will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. Students will pay particular attention to the Gospels where they may grow to love and know Jesus more personally. Second semester explores the Mystery of Jesus Christ, the Living Word of God, the second person of the Blessed Trinity. Students will understand that Jesus Christ is the ultimate revelation from God. The students will also learn who Jesus calls them to be.

Theology II

The Paschal Mystery; Jesus' Mission Continues in the Church (Ecclesiology)

Grade 10

Two semesters/Required

The first semester is designed to help students understand all that God has done and accomplished through Jesus Christ, most notably the redemption of humanity. They will be introduced to what it means to be a disciple of Jesus Christ. In the second semester they will learn how the Church, founded by the apostles through Jesus Christ, is sustained by both human and divine elements. They will learn about the sacredness of the Church in all her dimensions: as mystery, sacrament, servant, herald, community and institution.

Theology III

Sacraments as Privileged Encounters; Life In Christ (Morality)

Grade 11

Two semesters/Required

First semester students will learn how they can encounter Christ in full and real ways in and through the sacraments, especially the Eucharist. Students will examine all 7 sacraments in detail to learn how

to encounter Christ throughout their lives. Second semester will help students see that it is only through Christ that they can fulfill God's plan for their lives. Students will learn the moral concepts and precepts that govern the life of a disciple.

Theology IV: Sacred Scripture

Grade 12

Semester/Required

Note: Seniors must choose two different semester theology courses.

The purpose of this course is to give an overview of Sacred Scripture with an introduction to the basic principles for understanding and interpreting the Bible. The course will examine Scripture as the narrative of Salvation History, exploring the presence of God's action in this record of His Revelation, and recognizing God's desire to share his merciful love with us.

Theology IV: History of the Catholic Church

Grade 12

Semester/Required

Note: Seniors must choose two different semester theology courses.

The purpose of this course is to supply the students with a general knowledge of the Church's history from apostolic times to the present. This course introduces the fact that the Church was founded by Christ through the Apostles and is sustained by Him throughout history through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. In this course, students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

Theology IV: Living as a Disciple of Jesus Christ in Society

Grade 12

Semester/Required

Note: Seniors must choose two different semester theology courses.

The purpose of this course is to introduce students to the Church's social teaching. In this course, students will learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. Issues such as capital punishment, immigration, discrimination and stewardship of the earth will be explored through writings of popes, bishops and lay people who are recognized as leaders in the area of social justice.

Theology IV: Ecumenical and Interreligious Issues

Grade 12

Semester/Required

Note: Seniors must choose two different semester theology courses.

The purpose of this course is to help the students understand the manner in which the Catholic Church relates to and differs from non-Catholic Christians as well as other religions of the world. The course is

intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian churches and ecclesial communities as well as in non-Christian religions.

Theology IV: Moral Issues THL216 Dual Credit

Grade 12

Semester/3 credit hours/fulfills 1 high school theology credit

Cost: \$25 per credit hour through Marian University (\$75)

Prerequisites: Must have 2.6 cumulative GPA

Notes: Seniors must choose two different semester theology courses. This course does NOT count toward the AP/dual credit requirement for the Academic Honors Diploma.

A study of Christian moral theology; especially in relation to current moral issues, with a particular emphasis on: the dignity of the human person, conscience formation, and the struggle to live authentically in our culture. Moral issues concentrate on a consistent ethic of life encompassing the personal, social, economic, and ecological dimensions.

BUSINESS AND TECHNOLOGY

Students in business and computer courses acquire life-long survival skills. These skills give students an opportunity to excel in the business world through exposure to current events and a base of business and computer concepts, which they can expand upon in higher-level courses.

Introduction to Business

Grades 9-12 Semester/Elective

Introduction to Business introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. The course covers business management, entrepreneurship, marketing fundamentals, and business ethics and law. The course develops business vocabulary and provides an overview of business and the role that business plays in economic, social, and political environments.

Introduction to Entrepreneurship: ENTR-221

Grades 11-12

Semester/Elective/3 college credits

Prerequisite: Vincennes requirements and 2.6 cumulative GPA

Cost: \$25 per credit hour through Vincennes University (\$75)

Note: This course does NOT count toward the AP/dual credit requirement for the Academic Honors Diploma.

Introduction to Entrepreneurship provides an overview of what it means to be an entrepreneur. Students will learn about starting and operating a business, marketing products and services, and how to find resources to help in the development of a new venture. This course is ideal for students interested in starting their own art gallery, salon, restaurant or business of any kind.

Personal Financial Responsibility

Grade 10 - 12 Semester/Elective

(graduation requirement for starting with the class of 2028)

Personal Financial Responsibility addresses the identification and management of personal financial resources to meet the financial needs and wants of individuals and families, considering a broad range of economic, social, cultural, technological, environmental, and maintenance factors. This course helps students build skills in financial responsibility and decision making; analyze personal standards, needs, wants, and goals; identify sources of income, saving and investing; understand banking, budgeting, record-keeping and managing risk, insurance and credit card debt.

Basic College Accounting: ACCT 100

Grade 11 -12

Two semesters/Elective/Dual Credit

Prerequisite: Vincennes requirements, 2.6 cumulative GPA, Algebra I

Cost: \$75.00 for 3 college credits through Vincennes University

Note: This course does NOT count toward the AP/dual credit requirement for the Academic Honors Diploma.

Basic College Accounting is a business course that introduces the language of business using Generally Accepted Accounting Principles (GAAP) and procedures for proprietorships and partnerships using double-entry accounting. Emphasis is placed on accounting principles as they relate to both manual and automated financial systems. This course involves understanding, analyzing, and recording business transactions and preparing, analyzing, and interpreting financial reports as a basis for decision making. Instructional strategies should include the use of computers, projects, simulations, case studies, and business experiences requiring the application of accounting theories and principles.

ENGLISH

The English Department supports the mission statement of Bishop Chatard High School and provides courses of study in which students 1) use language, both oral and written, while working with others to learn and solve problems; 2) communicate clearly using oral language and effective listening techniques; 3) read for understanding; 4) select and use appropriate strategies for writing; and 5) use prior knowledge and content area information to reason, apply concepts, and make critical judgments.

English 9

Grade 9

Two semesters/Required

Prerequisite: Placement test score or grade school recommendation

English 9, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9, is a study of language, literature, composition, and oral communication with a focus on exploring a variety of genres and their elements. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature and nonfiction. Students write narratives, responses to literature, expository and argumentative compositions, research reports, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

English 9: Honors

Grade 9

Two semesters/Required

Prerequisite: Placement test score or grade school recommendation

English 9 Honors, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 9, is a study of language, literature, composition, and oral communication with a focus on exploring a wide-variety of genres and their elements. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write narrative compositions, responses to literature, expository and persuasive compositions,, and. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information. Additionally, the curriculum of this course is designed to address the College Board objectives and to utilize AP Vertical Team strategies for Advanced Placement English courses in an effort to lay important foundation work for future enrollment and success in AP English classes.

English 10

Grade 10

Two semesters/Required

Prerequisite: English 9

English 10, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature as well as nonfiction. Students write responses to literature, expository and argumentative compositions, research reports, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information.

English 10: Honors

Grade 10

Two semesters/Required

Prerequisite: B- or higher in English 9 Honors or A in English 9

English 10, an integrated English course based on Indiana's Academic Standards for English/Language Arts in Grade 10, is a study of language, literature, composition, and oral communication with a focus on exploring universal themes across a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 10 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and persuasive compositions, research reports, business letters, and technical documents. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information. Additionally, the curriculum of this course is designed to address the College Board objectives and to utilize AP Vertical Team strategies for Advanced Placement English courses in an effort to lay important foundation work for future enrollment and success in AP English classes.

ENG 111: English Composition Dual Credit

Grade 11

Semester/Required/3 college credits/counts towards the Academic Honors Diploma Note: Students must also enroll in a semester literature class

English Composition is designed to develop students' abilities to craft, organize, and express ideas clearly and effectively in their own writing. This course incorporates critical reading, critical thinking, and the writing process, as well as research and the ethical use of sources in writing for the academic community. Extended essays, including a researched argument, are required.

Composition 12

Grade 12

Semester/Required

Note: Students must also enroll in a semester literature class

Composition, a course based on Indiana's Academic Standards for English/Language Arts, is a study and application of the rhetorical (effective) writing strategies of narration, description, exposition, and persuasion. Using the writing process, students demonstrate a command of vocabulary, English language conventions, research and organizational skills, an awareness of the audience, the purpose for writing, and style. Students read articles and use appropriate works as models for writing. Students write a variety of types of compositions with a focus on reflective compositions, academic essays, responses to articles, and professional writing. Students will also write a research paper during the course of the semester.

Contemporary Literature

Grade 11 - 12

Semester/Required

Contemporary Literature, a course based on Indiana's Academic Standards for English/Language Arts, is a study of how post-1950s literature, address contemporary issues. Students examine multiple genres to develop a sense of how particular genres are used today to represent ideas and events. Students analyze different theories and methods of textual criticism, especially theories popular currently.

Students analyze how the interpretations and themes of contemporary literature read in this course relate to the time period and to historical issues.

Themes in Literature: Short Stories

Grade 11 - 12

Semester/Required

Short Stories, a course based on Indiana's Academic Standards for English/Language Arts, is a study of the distinct features of the short story, such as being tightly focused narrative fiction. The course may be organized by historical periods, themes, or authors. Students examine short stories with modernist and contemporary themes by a variety of authors from the perspective of audience, purpose, and historical development. Students analyze what distinguishes the short story genre from other literary genres, such as the novel, epic, romance, biography, and others.

Themes in Literature: Sports Literature

Grade 11 - 12

Semester/Required

Themes in Literature, a course based on Indiana's Academic Standards for English/Language Arts, is a study of universal themes, such as the journey of the hero, the trials of youth, the search for identity, and other themes appropriate to the level and interests of students. Students will examine sports-based literature of representative works in various genres by authors of diverse eras and nationalities and the way themes may be treated differently in the works because of the cultural context. Students analyze how themes illuminate humanity's struggle to understand the human condition. Students write a variety of types of compositions with a focus on narratives, reflective compositions, academic essays, and responses to literature.

Themes in Literature: Science Fiction

Grade 11 - 12

Semester/Required

Themes in Literature: Science Fiction is a course based on Indiana's Academic Standards for English/Language Arts. This course is designed to increase students' knowledge of literary genre known as Science Fiction. Emphasis will be on the study of literature—novels and short fiction—that depicts the future world, visionary scientific endeavor, and conflicts between humans, aliens, and sentient technology.

Genres of Literature: Honors

Grade 12

Semester/Required

Prerequisites: C or higher in W131, AP Language/Literature, or an A in Composition 11/junior literature

Genres of Literature, a one-semester course based on the Indiana Academic Standards for English/Language Arts, is designed to help students learn how to read, think, and write critically and cogently about literature. Students will study four genres—poetry, short story, the novel, and drama—to understand how each genre shapes literary understanding or experiences differently and how different genres enable or constrain the expression of ideas. Students will focus on how to argue about literature, especially when compared with other literary texts or critical commentaries.

English Language and Composition: AP

Grade 11 - 12

Two semesters/Required

Prerequisite: B- or higher in Honors English 10 or A- or higher in English 10.

Cost: \$95

AP English Language and Composition is an advanced placement course based on content established by the College Board. An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students are required to take the AP English Language and Composition exam in May.

English Literature and Composition: AP

Grade 11 - 12

Two semesters/Required

Prerequisite: B- or higher in English 10 Honors or AP English class, A- or higher in English 10

Cost: \$95

AP English Literature and Composition is an advanced placement course based on content established by the College Board. An AP English course in Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Students are required to take the AP English Literature and Composition exam in May.

ENG W131 Reading, Writing, and Inquiry I: Dual Credit/ACP

Grade 12

Semester/3 college credits/fulfills high school English requirement/ counts towards the Academic Honors Diploma

Prerequisite: 2.7 cumulative GPA

Cost: \$25 per credit hour through Indiana University (\$75)

ENG W131: Reading, Writing, & Inquiry I is a one-semester Indiana University course that offers instruction and practice in the critical reading and writing skills required for college-level work, with an emphasis on written assignments that call for summary, critique, analysis, and arguments based on sources.

This is an Indiana University course. The purpose of this course is to prepare students for the rigor of writing throughout college. The focus is on scholarly investigation of sources, critical thinking and reading, learning how to recognize and utilize specific writing strategies, skills and fluency. Each unit will include preliminary work and assignments leading to a major essay to conclude. Points will be accumulated from homework, in-class assignments, and final written assignments. Since much work and discussion will be carried on in class, impeccable attendance and assignment submission is imperative.

Debate

Grade 10 - 12

Semester/Elective

Debate, a course based on Indiana's Academic Standards for English/Language Arts, is the study and application of the basic principles of debate involving support for the basic types of arguments (induction, deduction, causation) and debate strategies (affirmative or negative argument construction and extension, case development, refutation or rebuttal of argument claims and evidence, and persuasive speaking). Debate Project: Students complete a project, such as a mock debate or trial, participation in a forum, competition, or tournament, or an argument supporting or opposing different sides of a major issue, which demonstrates knowledge, application, and presentation progress in the Debate course content.

P155 Introduction to Public Speaking/Dual Credit/ACP

Grade 12

Semester/Elective/3 college credits/counts towards the Academic Honors Diploma

Prerequisite: 2.7 cumulative GPA

Cost: \$25 fee per credit hour + \$45 technology fee through Indiana University (\$120)

Speech, a course based on Indiana's Academic Standards for English/Language Arts, is the study and application of the basic principles and techniques of effective oral communication. Students deliver focused and coherent speeches that convey clear messages, using gestures, tone, and vocabulary appropriate to the audience and purpose. Students deliver different types of oral and multimedia presentations, including viewpoint, instructional, demonstration, informative, persuasive, and impromptu. Students use the same Standard English conventions for oral speech that they use in their writing.

Etymology

Grade 10 - 12

Semester/Elective

Etymology, a language studies course based on Indiana's Academic Standards for English/Language Arts, is a course that helps students build vocabulary through a knowledge of Greek and Latin prefixes, roots, and suffixes. The course also provides connotative and denotative meanings of words in written and oral contexts. Emphasis is on the practical use of derivatives, including increased writing skills and better understanding of written material. Recommended for college, this course does require rigorous memorization, daily homework, and weekly quizzes.

Language Arts/Math Lab: An Interdisciplinary Approach

Grades 9 - 12

Two semesters/Elective

Prerequisite: Support services committee recommendation

Language Arts/Math Lab will focus on elements of the writing process across different genres. Students in LA/Math Lab are also enrolled in grade level English and math courses. The focus for this class will be to provide students with organizational, analytical, and practical language and math-based strategies throughout the curriculum.

Essential Skills

Grade 9-12

Semester/Elective

Essential Skills is a multidisciplinary course that provides students continuing opportunities to develop basic skills including: (1) reading, (2) writing, (3) listening, (4) speaking, (5) mathematical computation, (6) note taking, (7) study and organizational skills, and (8) problem-solving skills, which are essential for high school course work achievement. Determination of the skills to be emphasized in this course is based on Indiana's standards, individual school corporation general curriculum plans, and the student's individual needs.

Beginning Journalism

Grade 9 - 11

Semester/Elective

Beginning Journalism emphasizes journalistic writing and design skills. Students will write news, features, sports, editorials, press releases, broadcasts, columns and yearbook features. Journalism law, ethics, and news judgment are also addressed. Yearbook/newspaper design, graphics, staff management, time management and computer skills are also included in the class. It is highly recommended students take this course before applying for any of the journalism staffs. Students may be recommended for a staff position on Newspaper or Yearbook.

Student Publications: Media/Yearbook Photography

Grade 11 - 12

Two Semesters/Elective/Counts as a fine art credit for the Honors Diploma.

Prerequisite: Application/acceptance required. Photography required.

The *Media* class will be an advanced photography class where the student photographers cover all events for yearbook, magazine, website, and school functions as well as produce more advanced projects. This course is part of the publications program and is an application-only class.

Student Publications: Yearbook

Grade 10 - 12

Two semesters/Elective/Counts as a fine art credit for the Honors Diploma

Prerequisite: Application/acceptance required. Beginning Journalism and/or Digital Design recommended.

The members of this class are the staff members of The Citadel, the school yearbook. The staff produces the 240+ page yearbook for the school and community. The yearbook will cover all aspects of school life including student life, activities, clubs, sports, academics, advertising, and photography. Journalistic skills of writing, editing, interviewing, desktop publishing, digital and film photography, and computer graphics are all hands-on in the application course. Students will work on both individual and staff assignments. Credit can be received for class during the sophomore, junior, and senior years.

HEALTH AND WELLNESS EDUCATION

The goal of the Health and Physical Education curriculum is to help students acquire and implement the necessary knowledge and skills for life-long health and fitness. Current health and physical education courses offer students a varied selection of courses designed to help them attain these skills.

Health & Wellness Education

Grade 9-10 Semester/Required

Health & Wellness, a course based on Indiana's Academic Standards for Health & Wellness, provides the basis to help students adopt and maintain healthy behaviors. Health education should contribute directly to a student's ability to successfully practice behaviors that protect and promote health and avoid or reduce health risks. Through a variety of instructional strategies, students practice the development of functional health information (essential concepts); determine personal values that support healthy behaviors; develop group norms that value a healthy lifestyle; develop the essential

skills necessary to adopt, practice, and maintain health-enhancing behaviors. This course includes the application of priority areas in a planned, sequential, comprehensive health education curriculum. Priority areas include: promoting personal health and wellness, physical activity, healthy eating, promoting safety and preventing unintentional injury and violence, promoting mental and emotional health, a tobacco-free lifestyle and an alcohol- and other drug-free lifestyle, and promoting human development and family health. This course provides students with the knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goal-setting skills, health-enhancing behaviors, and health and wellness advocacy skills.

Secondary Physical Education I

Grade 9

Two semesters/Required

Physical Education I is designed to help students become more aware of the purpose and value of physical fitness for an active and healthy future. Students will gain an appreciation and understanding of a variety of team and individual sports, which will enable them to enjoy the role of participant or spectator. Physical Education class will include units in flag football, soccer, speedball, basketball, volleyball, softball, tennis, bowling, ice-skating, conditioning, weight training, and floor hockey. Adaptive physical education is offered as needed in the least restricted environment and on individual assessment.

Physical Education II: Lifetime Fitness

Grade 10 - 12

Semester/Elective

Physical Education II: Lifetime Fitness is an advanced physical education course emphasizing the development and maintenance of physical fitness of the total body through aerobic instruction, individual and team activities/sports, cardiorespiratory endurance, and muscular strength. This course is designed for students of all athletic levels and abilities who desire a physically fit lifestyle.

Physical Education II: Athletic Weight Training

Grade 10 - 12

Semester/Elective

Physical Education II: Athletic Weight Training is an advanced physical education course featuring instruction in the techniques of weight training and conditioning as they pertain to athletic competition. This course involves a physically demanding program of weight training and fitness activities designed to enhance strength, speed, agility, flexibility, jumping, and coordination. This course is designed for students participating in competitive sports and is not designed for those with casual interest.

(NOTE: A version of this Elective Physical Education class is being introduced during the 2018-2019 school year. The class meets prior to school four days per week and participants earn ½ credit hour. Contact the BCHS Athletic Office for more information.)

MATHEMATICS

The Math Department has established many courses and various levels of these courses to meet the individual needs and ability levels of all students. Realizing that math skills permeate all facets of life, it is essential that each student develop his or her potential and feel confident and successful when applying math concepts.

Algebra I

Grade 9

Two semesters/Required unless Algebra I was taken in middle school, and the student has passed the BCHS Algebra I proficiency exam.

Prerequisite: Placement test score or grade school recommendation

Algebra I formalizes and extends the mathematics that students learned in the middle grades. Five critical areas comprise Algebra I: Relations and Functions; Linear Equations and Inequalities; Quadratic and Nonlinear Equations; Systems of Equations and Inequalities; and Polynomial Expressions. The critical areas deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students engage in methods for analyzing, solving, and using quadratic functions. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Algebra I: Honors

Grade 9

Two semesters/Required unless Algebra I was taken in middle school, and the student has passed the BCHS Algebra I proficiency exam.

Prerequisite: Placement test score or grade school recommendation

Algebra I Honors is an accelerated, more in-depth treatment of material taught in Academic Algebra I with a higher degree of difficulty in problem solving requirements. Students will display mastery of the following topics: data analysis, graphing, inequalities, radicals, linear functions, quadratic functions, exponential functions, polynomial functions and rational functions.

Geometry

Grade 9 - 12

Two semesters/Required

Prerequisite: Algebra I or student has passed the BCHS Algebra I proficiency exam. Placement test score, proficiency exam score, and grade school recommendation will determine level.

Geometry formalizes and extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving toward formal mathematical arguments. Six critical areas comprise the Geometry course: Congruency and Similarity; Measurement; Analytic Geometry; Circles; and Polyhedra. The Mathematical Practice Standards apply throughout each course and, together with the content

standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

Geometry: Honors

Grade 9 - 10

Two semesters/Required

Prerequisite: B or higher in Honors Algebra I or A in Algebra I or student has passed the BCHS Algebra I proficiency exam.

Geometry Honors is an accelerated course in Euclidean geometry. This course covers all the material in Academic Geometry plus coordinate geometry and some solid geometry.

Algebra II

Grade 10 - 12

Two semesters/Required

Prerequisite: Geometry

Algebra II emphasizes the structure of the number system. It includes a review of Algebra I, increases skill and speed in handling processes, and provides familiarity with advanced principles and methods. Exponents and logarithms are covered in this course. The expanded topics of the course include: the theorems and algorithms of algebra, polynomials and polynomial functions, rational exponents, complex numbers, sequence and series, matrices, and exponential and logarithmic functions. A graphing calculator is required.

Algebra II: Honors

Grade Level: 10 - 11

Two semesters/Required

Prerequisite: B or higher in Honors Algebra I or A in Algebra I.

Algebra II Honors emphasizes the structure of the number system. It includes a review of Algebra I, increases skill and speed in handling processes, and provides familiarity with advanced principles and methods. Exponents and logarithms are covered in this course. The expanded topics of the course include: the theorems and algorithms of algebra, polynomials and polynomial functions, rational exponents, complex numbers, sequence and series, matrices, and exponential and logarithmic functions. This course is an accelerated, more in-depth treatment of the material taught in Algebra II. A graphing calculator is required.

Probability & Statistics

Grade 11 - 12

Two semesters/Required

Prerequisite: Algebra II

Probability & Statistics is designed for students wishing to take an applied math course. Topics studied include Venn diagrams, combinatorics, data gathering, statistical measurements, simple to complex probability, sampling, and statistical distributions. Whenever possible, students will plan and conduct experiments or surveys and analyze the resulting data. A graphing calculator is required.

Pre-Calculus

Grades 11-12

Two semesters/Required

Prerequisite: C or higher in Algebra II

Pre-Calculus builds on algebraic functions and extends them to new concepts. Conic sections, trigonometry, and polar coordinates will be explored in this course. Emphasis will be on the basic equations, graphs, and theory behind these topics. Trigonometric identities and applications will also be covered. This course will meet the trigonometric requirements for many universities.

Pre-Calculus: Honors

Grade 11 - 12

Two semesters/Required

Prerequisite: A or B in Honors Algebra II or A in Algebra II

Pre-Calculus Honors is a synthesis and expansion of algebraic and geometric ideas previously learned. Students will study college algebra topics which include more complex functions, sequences and series, vectors and conic sections. One semester of this course is devoted to trigonometry with emphasis on triangular relationships, identities, and equations. Students will also advance their understanding of imaginary numbers through an investigation of complex numbers and polar coordinates. This is a more rigorous course requiring more complex thought processes and rationalizing answers.

Statistics: AP

Grade 10 - 12

Two semesters/Elective

Prerequisite: Honors Algebra II and teacher recommendation

Cost: \$95

Statistics Advanced Placement introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inferences. Projects and work outside of the classroom will be required, and students are required to take the AP exam in May. This course is an advanced placement course based on content established by the College Board. A graphing calculator is required.

Calculus: Honors

Grade 11 - 12

Two semesters/Elective

Prerequisite: C or higher in Honors Pre-Calculus; B or higher in Pre-Calculus; B or higher in Honors Algebra II or Algebra II.

Calculus Honors is primarily concerned with developing the students' understanding of the concepts of calculus. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Topics include: (1) functions, graphs, and limits; (2) derivatives; and (3) integrals.

Calculus (AB): AP

Grade 12

Two semesters/Elective

Prerequisite: B or higher in Honors Pre-Calculus and teacher recommendation

Cost: \$95

Calculus (AB) Advanced Placement presents a rigorous study of all functions and their limits, derivatives, integrals, and the corresponding applications of each. Students can expect at least one hour per night of individual study. This course is an advanced placement course based on content established by the College Board. Students are required to take the AP exam in May. A graphing calculator is required.

Calculus (BC): AP

Grade 12

Two Semesters/Elective

Prerequisite: Calculus (AB): AP

Cost: \$95

Calculus (BC) Advanced Placement is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP Calculus BC is roughly equivalent to both first and second semester college calculus courses and extends the content learned in AP Calculus AB to different types of equations and introduces the topic of sequences and series. This course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. The content of *AP Calculus BC* is designed to qualify the student for placement and credit in a course that is one course beyond that granted for *AP Calculus AB*.

SCIENCE

The Science Department offers a variety of classes at various levels to meet the individual needs and abilities of all students. Knowledge of science permeates all facets of life, and it is essential that students realize their potential and feel confident about their understanding of scientific principles.

Biology I

Grade 9 - 10

Two semesters/Required

Prerequisite: Placement test score or grade school recommendation

Biology I introduces the student to the distinguishing properties of living organisms. Students will explore more deeply the unique nature of life, classification, cell structure and function, genetics, microbiology, multi-cellular plants, animals, ecology, and evolution. Laboratory experiments will

emphasize problem-solving techniques with hands-on experiences such as dissection and proper microscope usage.

Biology I: Honors

Grade 9

Two semesters/Required

Prerequisite: Placement test score or grade school recommendation

Honors Biology introduces the student to the distinguishing properties of living organisms. Students will explore the nature of life, cell structure and function, genetics, energy dynamics, ecology, and evolution. Laboratory experiments will emphasize problem-solving techniques with hands-on experiences. Additionally, the curriculum of this course is designed to address the College Board objectives and to utilize AP Vertical Team strategies for Advanced Placement Science courses in an effort to lay important foundation work for future enrollment and success in AP Science classes.

Integrated Chemistry-Physics

Grade 10 - 12

Two semesters/Required

Prerequisite: Algebra I

Integrated Chemistry-Physics is for students who are interested in Chemistry and Physics but choose not to take Chemistry and instead take this lab-based course to fulfill Core 40 requirements. Students will be exposed to practical applications of Chemistry and Physics. With an emphasis on common scientific processes, studies will include: velocity, momentum, acceleration, thermal energy, periodic table, chemical bonds, laws of motion, electricity and different forms of energy. A working knowledge of algebra is required.

Chemistry I

Grade 10 - 12

Two semesters/Required

Prerequisite: Biology

Chemistry I will fulfill Academic Honors Diploma requirements. This course will be less rigorous than Chemistry: Honors. This course will provide a background for success in college chemistry, though will not strive for as much depth of study as Chemistry: Honors by meeting the following objectives: 1) students will develop a lesser sense of memorization, to be replaced by independent formation of concepts, scientific reasoning, and common sense; 2) students will develop competency in solving word problems by the factor-label method; 3) values achieved from the course will be of a practical nature, of an aesthetic nature, and of a preparatory nature for the study of any discipline. Subject matter will include the metric system, atomic theory, chemical nomenclature, writing formulas, balancing chemical equations, periodic trends of the elements, chemical bonding, and gas laws. Students should expect to move through the textbook rapidly, making this more of a chemistry survey course.

Chemistry I: Honors

Grade 10 - 12

Two semesters/Required

Prerequisite: 80% or higher in Honors Biology; teacher recommendation if in Biology; currently enrolled in Honors Algebra II or a higher-level math class

Chemistry I Honors provides students a background for success in college Chemistry by meeting the following objectives: 1) students will develop a lesser sense of memorization, to be replaced by independent formation of concepts, scientific reasoning, and common sense; 2) students will develop competency in solving word problems by the factor-label method; 3) values achieved from the course will be of a practical nature, of an aesthetic nature, and of a preparatory nature for the study of any discipline. Subject matter will include the metric system, atomic theory, chemical nomenclature, writing formulas, balancing chemical equations, periodic trends of the elements, chemical bonding, and gas laws. Students successfully completing this course will be able to think critically about their physical world and be prepared to study Chemistry at the next level.

Physics I

Grade 10 - 12

Two semesters/Required

Prerequisite: Algebra II, may be taken concurrently

Physics I is a course focused on the following core topics: motion and forces; energy and momentum; temperature and thermal energy transfer; electricity and magnetism; vibrations and waves; light and optics. Instruction should focus on developing student understanding that scientific knowledge is gained from observation of natural phenomena and experimentation by designing and conducting investigations guided by theory and by evaluating and communicating the results of those investigations according to accepted procedures.

Physics I: AP

Grade 11 - 12

Two semesters/Required

Prerequisite: Honors Chemistry; Honors Pre-Calculus, may be taken concurrently; and teacher recommendation

Cost: \$95

Physics I, Advanced Placement is organized around seven foundational big ideas in physics and is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; an introduction to electric circuits; and mechanical waves and sound. Students are required to take the AP exam in May.

Environmental Science

Grade 11 - 12

Two semesters/Elective

Environmental Science is an interdisciplinary course that integrates biology, Earth science, chemistry, and other disciplines. Students enrolled in this course conduct in-depth scientific studies of ecosystems, population dynamics, resource management, and environmental consequences of natural and anthropogenic processes. Students formulate, design, and carry out laboratory and field investigations as an essential course component. Students completing Environmental Science acquire the essential

tools for understanding the complexities of national and global environmental systems.

Environmental Science: AP

Grade 11 - 12

Two semesters/Elective

Cost: \$95

Environmental Science, Advanced Placement is a course based on content established by the College Board. Students enrolled in AP Environmental Science investigate the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students are required to take the AP exam in May.

Anatomy and Physiology: Honors

Grade 11 - 12

Two semesters/Elective

Prerequisite: Biology and Chemistry

Anatomy and Physiology Honors will introduce students to the anatomy, physiology and development of the human body. The course begins with an introduction to the human organism, approaching the human body in terms of overall layout: body plan, organization, and the systems that maintain life and regulation, or homeostasis. Next, various organ systems and their related processes will be discussed. Finally, students will explore disease, how it disrupts the natural flow of the body systems, and the best routes to health. Approximately 25 percent of class time will be spent in lab.

Biology: AP

Grade 11 - 12

Two semesters/Elective

Prerequisite: Biology and Chemistry (Honors Chemistry highly recommended)

Cost: \$95

Biology Advanced Placement is a course based on the content established and copyrighted by the College Board. The major themes of the course include: The process of evolution drives the diversity and unity of life, Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis, Living systems store, retrieve, transmit and respond to information essential to life processes, Biological systems interact, and these systems and their interactions possess complex properties. Students will be required to take the College Board AP Biology exam.

Chemistry: AP

Grade 11 - 12 Year/Elective

Prerequisite: Biology; Honors Chemistry; Pre-Calculus, may be taken concurrently; and teacher recommendation

Cost: \$95

Chemistry Advanced Placement is offered for those students who are willing to accept the challenge of a rigorous, in-depth academic course. It will use a college text, and will mimic the experience of a quality first-semester college chemistry course. Topics will include nomenclature, stoichiometry, acid-

base and redox reactions, gas laws, thermodynamics, bonding (VSEPR) and molecular geometry, rates and equilibrium, electrochemistry, and organic chemistry. Students should expect one hour of homework each night. Chemistry Advanced Placement is based on content established by the College Board. Students will be required to take the College Board AP Chemistry exam

HLHS 100: Introduction to Healthcare Dual Credit

Grade 11, 12

Semester/3 college credits/fulfills high school elective credit

Prerequisite: 2.7 cumulative GPA

Note: This course does NOT count toward the AP/dual credit requirement for the Academic Honors Diploma.

Presents information on the health care system and employment opportunities at a variety of entry levels. Includes an overview of health care development, how health delivery systems are organized, legal and ethical considerations of health care delivery, and an overview of various health care professions. Students are encouraged to explore health professions through assignments, observations and interviews.

Principles of Engineering

Grade 11 - 12

Semester/Elective

Principles of Engineering is a course that focuses on the process of applying engineering, technological, scientific and mathematical principles in the design, production, and operation of products, structures, and systems. This is a hands-on course designed to allow students interested in engineering careers to explore experiences related to specialized fields such as civil, mechanical, and materials engineering. Students will engage in research, development, planning, design, production, and project management to simulate a career in engineering. The topics of ethics and the impacts of engineering decisions are also addressed. Classroom activities are organized to allow students to work in teams and use modern technological processes, computers, and production systems in developing and presenting solutions to engineering problems.

Computer Science Principles: AP

Grades 10 - 12

Two semesters/Elective

Prerequisite: Algebra I

Cost: \$95

The *AP Computer Science Principles* course will introduce you to the essential ideas of computer science and show how computing and technology can influence the world around you. Students will creatively address real-world issues and concerns while using the same processes and tools as artists, writers, computer scientists, and engineers to bring ideas to life.

SOCIAL STUDIES

The goal of the social studies curriculum is to educate students about the physical, political, economic, social, cultural, and historical world. Social studies teaches students to be life-long learners, leaders and active citizens living Catholic values. Students develop written and verbal

communication skills and critical thinking abilities. The social studies curriculum strives to educate all students to have an understanding of the world and its people.

World History & Civilization

Grade 9 - 12

Two semesters/Required

World History and Civilization is a general survey course of the world's historical development from the beginnings of civilization to the present. Major components of the course include religion, exploration, feudalism, monarchy, democracy, dictatorship, revolution, nationalism, industrialism, and imperialism.

Geography & History of the World

Grade 9 - 12

Two semesters/Required

Geography and History of the World is designed to enable students to use the geographic “way of looking at the world” to deepen their understanding of major global themes that have manifested themselves over time—for example, the origin and spread of world religions, exploration, conquest and imperialism, urbanization and innovations and revolutions.

World History Modern: AP

Grade 9 - 12

Two semesters/Required

Prerequisite: Must be taken concurrently with English 9 Honors or English 10 Honors

Cost: \$95

AP World History Modern is designed to be the equivalent of a two- semester introductory college or university world history course. According to the College Board AP World History Modern students “investigate significant events, individuals, developments, and processes in historical periods from approximately 1200 CE to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; making historical comparisons; utilizing reasoning about contextualization, causation, and continuity and change over time; and developing historical arguments. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Students are required to take the College Board AP World History Modern exam in May.

United States History

Grade 11

Two semesters/Required

United States History builds upon concepts developed in previous social studies classes. Students are expected to identify and review significant events, persons, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments from the late 19th century through the present. Students are expected to trace and analyze chronological periods and examine the significant themes and concepts in U.S. History. They will develop historical thinking and research

skills and use primary and secondary sources to explore topical issues and to understand the cause for changes in the nation over time.

United States History: Honors

Grade 11

Two semesters/Required

Prerequisite: B- or higher in World History or Geography

United States History Honors builds upon concepts developed in previous social studies classes. Students are expected to identify and review significant events, persons, and movements in the early development of the nation. The course then gives major emphasis to the interaction of key events, people, and political, economic, social, and cultural influences in national developments from the late 19th century through the present. Students are expected to trace and analyze chronological periods and examine the significant themes and concepts in U.S. History. They will develop historical thinking and research skills and use primary and secondary sources to explore topical issues and to understand the cause for changes in the nation over time. Students enrolled in this honor level U.S. History course pursue a more in-depth study of the material taught in the U.S. History class. Additional outside reading, discussions, research and writing are required.

United States History: AP

Grade 10-11

Two semesters/Required

Prerequisite: For Juniors, taken concurrently with AP English course; For sophomores, B- or higher in AP World History

Cost: \$95

AP United States History is a course based on the content established and copyrighted by the College Board. The course is not intended to be used as a dual credit course. AP United States History focuses on developing students' abilities to think conceptually about U.S. history from approximately 1491 to the present and apply historical thinking skills as they learn about the past. Seven themes of equal importance – identity; peopling; politics and power; work, exchange, and technology; America in the world; environment and geography; and ideas, beliefs, and culture – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. Students will be required to take the College Board AP U.S History exam in May.

United States Government

Grade 12 Semester/Required

United States Government provides a framework for understanding the purposes, principles, and practices of constitutional representative democracy in the United States. Responsible and effective participation of citizens is stressed. Students will understand the nature of citizenship, politics, and governments and understand the rights and responsibilities of citizens and how these are part of local, state, and national government. Students will examine how the United States Constitution protects rights and provides the structure and functions of various levels of government. How the United States interacts with other nations and the government's role in world affairs will be examined. Using primary and secondary resources, students will articulate, evaluate, and defend positions on political issues. As

a result, students will be able to explain the role of individuals and groups in government, political and civic activities, and the need for civic and political engagement of citizens in the United States.

United States Government and Politics: AP

Grade 12

Semester/Required

Prerequisite: B- or higher in AP United States History or A- or higher in United States History Honors

Cost: \$95

Government: Advanced Placement is a rigorous college-level course taught to AP standards. It will require significant home study and extensive in-class participation. The course will analyze American politics by studying public opinion, political behavior, the Constitution, political parties, interest groups, political institutions, and civil rights and liberties. U.S. Government Advanced Placement is a course based on content established by the College Board. Students will be required to take the College Board AP U.S. Government exam in May.

Economics

Grade 12

Semester/Required

Economics will provide students with a basic understanding of the American economic system and the role the individual plays in that system. Topics include supply and demand, monetary and fiscal policy, taxes, business, labor, business cycle, inflation, consumer economics, communism, and international economics. This course also includes instruction concerning personal financial literacy and responsibility in accordance with state requirements.

Macroeconomics:AP

Grade 12 Semester/Required

Prerequisite: Previously taken AP course or teacher recommendation, taken with AP Government

Cost: \$95

Macroeconomics Advanced Placement is a rigorous college-level course taught to the College Board AP standards. It will require significant home study and extensive in-class participation. This course will study the U.S. economy as a whole in a global context. Topics covered will include aggregate supply and demand, national income accounting, unemployment, inflation, business cycle, money and banking, monetary and fiscal policy, economic growth, international trade and finance. This course also includes instruction concerning personal financial literacy and responsibility in accordance with state requirements. Students will be required to take the AP Macroeconomics exam in May. This class fulfills the economics requirement for graduation.

Sociology

Grade 10 - 12

Semester/Elective

Sociology, the study of human societies and social behavior, provides students opportunities to study the greater world and context in which they live. Students will look at this greater context by studying significant sociological contributions, social structure, social stratification, social groups, and social change among other topics. Students will also explore how this greater world and context impacts them as individuals now and in the future. Students will have the opportunity to develop a sociological imagination, which enables them to view their own lives within a larger social and historical context.

Psychology

Grade 11 - 12

Semester/Elective

Note: Students may not receive credit in both Psychology and Psychology: AP

Psychology is a general introduction into the study of human behavior. General topics discussed include social interaction, life span development, social cognition and methods of therapy. Specific components studied include perception, learning, memory, motivation, emotion, personality, stress, consciousness and prejudice. Students will also be introduced to the steps involved in conducting psychological research.

Psychology: AP

Grade 11 - 12

Two semesters/Elective

Prerequisite: B or higher in previous English classes

Note: Students may not receive credit in both Psychology and Psychology: AP

Cost: \$95

Psychology Advanced Placement is a course that provides students with the content established by the College Board. Topics include 1) history and approaches, 2) research methods, 3) biological bases of behavior, 4) sensation and perception, 5) states of consciousness, 6) learning, 7) cognition, 8) motivation and emotion, 9) developmental psychology, 10) personality, 11) testing and individual differences, 12) abnormal psychology, 13) treatment of psychological disorders, and 14) social psychology. Students are required to take the College Board AP Psychology exam in May.

EDUC101: Introduction to Education Dual Credit

Grade 11, 12

Semester/3 college credits/fulfills high school elective credit

Prerequisite: Ivy Tech requirements and 2.7 cumulative GPA

Note: This course does NOT count toward the AP/dual credit requirement for the Academic Honors Diploma.

A course that provides a general introduction to the field of teaching. Students will explore educational careers, teaching preparation and professional expectations as well as requirements for teacher certification. Current trends and issues in education will be examined.

VOLUNTEER SERVICE LEARNING/FIELD EXPERIENCE STATEMENT: A 20-hour (minimum) volunteer service learning/field work experience is required for successful completion of this course.

European History: AP

Grade 10 - 12

Two semesters/Elective

Prerequisite: For Juniors, taken concurrently with AP English course; For sophomores, B- or higher in AP

World History

Cost: \$95

European History Advanced Placement develops an understanding of the main themes in modern European history, including political and diplomatic, intellectual and cultural, and social and economic history. Analyzing historical evidence and reading critical literary narratives are integrated into the chronologically ordered whole picture of the modern history of Europe. Using a college-level textbook, this course begins with the Renaissance and concludes with the demise of communism in Eastern Europe, the reunification of Germany, and the crisis of global terrorism. European History Advanced Placement is a course based on content established by the College Board. Students will be required to take the College Board AP European History exam in May.

Ethnic Studies

Grade 10 - 12

Semester/ Elective

Ethnic Studies provides opportunities to broaden students' perspectives concerning lifestyles and cultural patterns of ethnic groups in the United States. This course will either focus on a particular ethnic group or groups, or use a comparative approach to the study of patterns of cultural development, immigration, and assimilation, as well as the contributions of specific ethnic or cultural groups. The course may also include analysis of the political impact of ethnic diversity in the United States.

Indiana Studies

Grade 10 - 12

Semester/Elective

Indiana Studies is an integrated course that compares and contrasts state and national developments in the areas of politics, economics, history, and culture. The course uses Indiana history as a basis for understanding current policies, practices, and state legislative procedures. It also includes the study of state and national constitutions from a historical perspective and as a current foundation of government. Examination of individual leaders and their roles in a democratic society will be included and students will examine the participation of citizens in the political process. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

UNIFIED ARTS

The curriculum in the Unified Arts Department supports the mission of the school by providing a foundation for students who are particularly interested in practical arts and performing arts. Students enrolled in these classes develop self-esteem through creative expression while simultaneously acquiring life-long skills that will help them in many related careers. Practical Arts courses emphasize drafting and family and consumer science classes. Performing Arts

courses allow students to meet Fine Arts graduation requirements while developing their skills in the areas of art, choir, band or drama.

PERFORMING ARTS

Concert Band

Grade 9 - 12

Two semesters/Fine Art Directed Elective

Students enrolled in *Concert Band* are provided with a balanced comprehensive study of music, which develops skills in the psychomotor, cognitive, and affective domains. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students will acquire the musical skills necessary to participate in instrumental performances. Students develop tone production, technical skills, intonation, music reading skills, listening skills, analyzing music and performances, and studying historical musical literature. School performances, ensemble, concerts, contest and solo activities are also part of this class and help students develop as musicians.

Concert Band 3/4: Honors

Grade 11 - 12

Two semesters/Fine Art Directed Elective

Students enrolled in *Concert Band 3/4* are provided with a balanced comprehensive study of music, which develops skills in the psychomotor, cognitive, and affective domains. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Students will acquire the musical skills necessary to participate in instrumental performances. Students develop tone production, technical skills, intonation, music reading skills, and listening skills, and they analyze music and performances, and study historical musical literature. School performances, ensemble, concerts, contests and solo activities are also part of this class and help students develop as musicians. In order to enroll in the course, students must have previously taken *Concert Band* for two years.

Piano and Electronic Keyboard: Beginning

Grade 9 - 12

Semester/Fine Art Directed Elective

Piano and Electronic Keyboard is based on the Indiana Academic Standards for High School Music Technology and Instrumental Music. Students taking this course are offered keyboard classes in order to develop music proficiency and musicianship. Students perform with proper posture, hand position, fingering, rhythm, and articulation; compose and improvise melodic and harmonic material; create and perform simple accompaniments; listen to, analyze, sight-read, and study a variety of keyboard literature; study the elements of music as exemplified in a variety of styles; and make interpretive decisions. This course is for students with little or no experience in piano.

Applied Music: Guitar

Grade 9 - 12

Semester/Fine Art Directed Elective

Applied Music: Guitar is based on the Indiana Academic Standards for High School Choral or Instrumental Music. Applied Music offers high school students the opportunity to receive small group or private instruction designed to develop and refine performance skills. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music. The focus of this course is developing instrumental skills in guitar. Students are required to provide their own guitar.

Applied Music: Ukulele

Grade 10 - 12

Semester/Fine Art Directed Elective

Applied Music: Ukulele is based on the Indiana Academic Standards for High School Choral or Instrumental Music. Applied Music offers high school students the opportunity to receive small group or private instruction designed to develop and refine performance skills. A variety of music methods and repertoire is utilized to refine students' abilities in performing, creating, and responding to music. The focus of this course is developing instrumental skills in ukelele. Students are required to provide their own ukulele.

Beginning Chorus Men's

Grade 9 - 12

Two semesters/Fine Art Directed Elective

Beginning Chorus Men's is composed of young men with beginning choral backgrounds. Students will study a wide variety of music, which ranges in level of difficulty. Some music reading skills are required, as the focus is on music reading, interpretation, and vocal technique. The group will participate in a number of performances throughout the year. Required performances include school functions, the Christmas programs, and other concerts throughout the year. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. This course also provides students opportunities to develop musicianship and specific skills through ensemble and solo singing. Activities create the development of quality repertoire in the diverse styles of choral literature, which is appropriate in difficulty and range for the student.

Beginning Chorus Women's

Grade 9 - 12

Two semesters/Fine Art Directed Elective

Beginning Chorus Women's is composed of young women with beginning choral backgrounds. Students will study a wide variety of music, which ranges in level of difficulty. Some music reading skills are required, as the focus is on music reading, interpretation, and vocal technique. The group will participate in a number of performances throughout the year. Required performances include school functions, the Christmas programs, and other concerts throughout the year. Instruction is designed to enable students to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. This course also provides students opportunities to develop musicianship and specific skills through ensemble and solo singing. Activities create the development of quality repertoire in the diverse styles of choral literature, which is appropriate in difficulty and range for the student.

Intermediate Chorus Vox Troiano: Honors

Grade 10 - 12

Two semesters/Fine Art Directed Elective

Note: Audition required

Vox Troiano is a small, audition-only ensemble made up of talented individuals. Students in this class will be self-motivated and able to work on their own and with a small group. Pitch retention, music reading, sight singing, musical collaboration, and rhythm training will be implemented daily. Students will be given accompanied music to sing with the Concert Choir performances as well as their own music for this class. Performances with the Concert Choir are required as well as other performances both in and out of school.

Advanced Chorus A Cappella Choir: Honors

Grade 10 - 12

Two semesters/Fine Art Directed Elective

Note: Audition required

A Cappella Choir is a small, audition-only ensemble made up of highly talented individuals who enjoy singing a cappella music. Students in this class will be self-motivated and able to work on their own and with a small group. Pitch retention, music reading, sight singing, musical collaboration, rhythm training and “beat box” techniques will be implemented daily. Students will be given accompanied music to sing with the Concert Choir performances as well as their own music for this class. Performances with the Concert Choir are required as well as other performances both in and out of school.

Theater Arts I

Grade 9-12

Semester/Fine Art Directed Elective

Theatre Arts I provides an opportunity for students to read and analyze plays, create scripts and theatre pieces, conceive scenic designs, and develop acting skills. These activities incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies.

Theater Arts II

Grade 9-12

Semester/Fine Art Directed Elective

Prerequisite: Theater Arts I

Students in *Theater Arts II* research, create, and perform characters through script analysis, observation, collaboration and rehearsal. These activities should incorporate elements of theater history, culture, analysis, response, creative process and integrated studies.

Theater Improv

Grades 10-12

Semester/Fine Art Directed Elective

Theater Improv allows students to develop skills of teamwork, collaboration, listening, communication,

and the ability to adapt and problem-solve. The mastery of this course can translate to social and professional skills sought after in many workplaces.

Technical Theater and Design

Grades 9-12

Semester/Fine Art Directed Elective

Students enrolled in *Technical Theatre and Design* actively engage in the process of designing, building, managing, and implementing the technical aspects of a production. These activities should incorporate elements of theatre history, culture, analysis, response, creative process, and integrated studies.

VISUAL ARTS

Introduction to Two-Dimensional Art

Grade 9 - 12

Semester/Fine Art Directed Elective

Introduction to Two-Dimensional Art is an introduction to art through a working understanding of the Elements and Principles of Design and provides students with the fundamentals of art appreciation, art evaluation, and art production skills. Studio work includes drawing, painting, perspective, pencil rendering, color and design principles. Although no previous art instruction is necessary, students must be highly motivated. Students are graded primarily on the quality of work they hand in as well as personal improvement. This class is one of the introductory courses required before selecting advanced art classes.

Drawing

Grade 9- 12

Semester/Fine Art Directed Elective

Prerequisite: Introduction to Two-Dimensional Art

Drawing concentrates on developing the student's drawing and observational skills. Students will engage in sequential learning experiences that encompass an advanced understanding of the Elements and Principles of Design, art history, art criticism, aesthetics and production. Students will learn shading, perspective, figure drawing and observational work. The emphasis will be on realistic rendering and craftsmanship while enhancing visual perception. Students will use and develop a personal sketchbook. This course is designed for students who are interested in the field of art and requires drawing and work outside of class.

Painting

Grade 10 - 12

Semester/Fine Art Directed Elective

Prerequisite: Introduction Two-Dimensional Art

Students in *Painting* will develop their knowledge of the fundamentals of watercolors and acrylics. Major areas of emphasis include selecting a subject, planning a painting, using color, uniting a picture and completing a painting. Students who master these areas of painting will develop the skills that will allow them to progress from an uncertain amateur to a mature painter. The components of this course

encompass art history, art criticism, aesthetics, production and an advanced understanding of the Elements and Principles of Design. Students will search for meaning, significance, and direction in their work. This course is designed for students who are interested in self-expression.

Photography

Grade 10 - 12

Semester/Fine Art Elective

Photography provides an introduction to the tools, procedures, concepts and application of photography. Students will use digital cameras to stimulate the students' creative capacities for personal expression and communication. The course includes working procedures and critical skills in looking at photographs and introduces equipment, techniques, skills, and concepts of photography. Students will reflect upon and refine their work; explore cultural and historical connections; analyze, interpret and make informed judgments about photography and the nature of photographic imagery; relate it to other disciplines and discover opportunities for integration; and incorporate literacy and presentational skills. Students are encouraged to provide their own camera with adjustable focus, shutter speeds and aperture. This course requires shooting and computer work often outside of the class period.

Introduction to Three-Dimensional Art

Grade 9 - 12

Semester/Fine Art Directed Elective

Introduction to Three-Dimensional Art offers the student a chance to create three-dimensional artwork, while exploring a variety of media, including paper-mâché, plastic, paper, wire and found objects. Techniques include carving, molding and assembly. Emphasis will be placed on design principles, the studio aspect, as well as working with art history, aesthetic and critical issues. Students will learn both realistic and abstract processes. This course is designed for students who are interested in the field of art and requires drawing and work outside of class.

Ceramics

Grade 9 - 12

Semester/Fine Art Directed Elective

Ceramics is designed for students who are interested in learning how to create ceramic artwork through an understanding of the Elements and Principles of Design. Students will create works of art in clay utilizing the process of hand building, molds, wheel throwing, slip and glaze techniques, and the firing processes. Students will engage in sequential learning experiences that encompass art history, art criticism, aesthetics, and production. Students search for meaning, significance, and direction in their work through an in-depth analysis of historical and contemporary ceramics from a variety of cultural groups. Students will critically examine the relationships between context, form, function and meaning in their own work and in historical and contemporary ceramic works. This class is one of the introductory classes required before selecting advanced art classes.

Art and Design: AP

Grade 10 - 12

Year/Fine Art Directed Elective

Prerequisite: Teacher recommendation

Cost: \$95

Art and Design Advanced Placement is a course based on the content established by the College Board. Portfolios are designed by students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. The AP program is a cooperative endeavor that helps high school students complete college-level courses and permits colleges to evaluate, acknowledge, and encourage that accomplishment through the granting of appropriate credit and placement.

- Drawing : The Drawing Portfolio is designed to address a very broad interpretation of drawing issues and media.
- 2-D Design Art and Design: ^[1]_[SEP] This portfolio is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. For this portfolio, students are asked to demonstrate proficiency in 2-D design using a variety of art forms.
- 3-D Art and Design: ^[1]_[SEP] This portfolio is intended to address a broad interpretation of sculptural issues in depth and space. A variety of approaches to representation, abstraction, and expression may be part of the student's portfolio.

* Any work that makes use of photographs, published images, and/or other artists' works must show substantial and significant development beyond duplication.

Art History: AP

Grade 10 - 12

Year/Fine Art Directed Elective

Prerequisite: A or higher in English class. Honors English 9 is required

Cost: \$95

Art History Advanced Placement is designed to allow students to examine major forms of artistic expression relevant to a variety of cultures evident in a wide variety of periods from present times into the past. Students acquire an ability to examine works of art critically, with intelligence and sensitivity, and to articulate their thoughts and experiences. In this course, students examine major forms of artistic expression from the past and the present from a variety of cultures (historical context) to gain an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. They learn to look at works of art critically (artistic perception), with intelligence and sensitivity (aesthetic valuing), and analyze (art criticism) what they see. All students successfully completing the AP Art History course should gain an in-depth knowledge of the subject, as well as form disciplined study habits that can contribute to continued success at the college level. This course requires a high degree of commitment to academic work (including writing skills) and to the purposes of a program designed to meet the College Board standards. All students enrolled in this course are required to take the AP Exam as part of the course requirement.

Digital Design

Grade 9 -12

Semester/Fine Art Directed Elective

Prerequisite:None

Digital Design introduces computers to students as an art tool. Students will create artwork with graphic art software, digital cameras and scanners. Along with design and color theory, students will use a variety of design approaches anchored in both art history and in contemporary production. Artwork will be a result of computer generated images in conjunction with 2-D drawing skills and an understanding of design principles. Students will participate in aesthetic discussions and critiques. Additionally, students will reflect upon the outcome of these experiences, write about the process,

and make presentations about the progress or projects. They will also be challenged to solve compositional layouts and sequencing events in order to achieve desired effects. Projects will range from simple one- day tutorials to multiple-week projects. Students will learn about current artists and careers in the field of computer art.

PRACTICAL ARTS

(These courses do NOT count as a fine art requirement)

Architectural Drafting and Design I

Grade 10 - 12

Semester/Elective

Architectural Drafting and Design I will introduce students to the beginning principles and concepts of Architectural Design. Both 2D and 3D design software will be utilized. Real world applications of architecture will be utilized in drafting and problem solving exercises. Architectural Drafting Design I gives students a basic understanding of the detailing skills commonly used by drafting technicians. This course also provides students with a basic understanding of the features and considerations associated with the operation of a computer-aided design (CAD) system. Students will gain valuable hands-on experience. They will be expected to complete several projects; topics include: 2D drawing commands, coordinate systems, editing commands, inquiry commands, text, and basic dimensioning.

Architectural Drafting and Design II

Grade 10 - 12

Semester/Elective

Prerequisite: C average in Architectural Drafting and Design I

Architectural Drafting and Design II Students will use critical thinking to solve problem based projects. Lab learning will be the primary means of instruction with individual projects and team projects assigned to reinforce the design concepts. Students will expand on their knowledge of design and construction utilizing 3D modeling software with a focus on the creative design of buildings in a studio environment. This course covers problems of site analysis, facilities programming, space planning, conceptual design, proper use of materials, understanding of Elements and Principles of Design, knowledge of environmental design factors, human scale in design and selection of structure and construction techniques. Students develop presentation drawings, and give oral presentations and critiques. Generation of form and space is addressed through basic architectural theory, related architectural styles, design strategies, and a visual representation of the student's design process. This course will focus on advanced Computer Aided Design (CAD) techniques, including three-dimensional modeling for design. Various Architectural software packages and applications may be used.

WORLD LANGUAGES

The World Language Department fosters the development of communication skills in Latin, Spanish, and American Sign Language. The World Languages Department nurtures the awareness and appreciation of different cultures.

Latin I

Grade 9 - 12

Two semesters/Directed Elective

The curriculum of teaching the classical language Latin includes the following: primary emphasis on

fundamental grammatical concepts and constructions, study of Latin etymology, limited study of Roman history including famous statesmen and writers, and limited study of mythology. The culture of the Roman Empire is a large emphasis of the course. The students follow a Roman family through its daily living routine.

Latin I Honors

Grade 9 - 12

Two semesters/Directed Elective

The curriculum of teaching the classical language Latin includes the following: primary emphasis on fundamental grammatical concepts and constructions, study of Latin etymology, limited study of Roman history including famous statesmen and writers, and limited study of mythology. The culture of the Roman Empire is a large emphasis of the course. The students follow a Roman family through its daily living routine.

Latin II

Grade 9 - 12

Two semesters/Directed Elective

Prerequisite: Latin I and teacher recommendation

Latin II continues the study of the basic elements of Latin grammar as well as introducing students to the study of Roman art and archaeology. Grammar study will include a review of all major grammatical points covered in Latin I as well as introducing students to advanced grammatical concepts and constructions. These skills and concepts will culminate in the fourth quarter when the class will read an edited and abridged version of the story of Jason and the Argonauts. Students will also explore Roman history by examining the material remains of the Roman world.

Latin II: Honors

Grade 9 - 12

Two semesters/Directed Elective

Prerequisite: Latin I and teacher recommendation

Latin II Honors continues the study of the basic elements of Latin grammar as well as introducing students to the study of Roman art and archaeology. Grammar study will include an accelerated review of all major grammatical concepts and constructions from Latin I followed by a detailed study of advanced grammatical concepts. Students will read edited and abridged versions of Livy's *Ad Urbe Condita* and the story of Jason and the Argonauts. The skills and concepts of this course culminate in the study of the unedited and unabridged text of Julius Caesar's *de Bello Gallico* in preparation for Honors Latin III and Latin A.P. Students will also explore Roman history by examining the material remains of the Roman world.

Latin III: Honors

Grade 11 - 12

Two semesters/Directed Elective

Prerequisite: Latin II and teacher recommendation

Latin III Honors is a survey of Latin literature of the Golden Age with special emphasis on original Roman writings including writings of Eutropius, Cicero and their orations, philosophical works, and letters. Grammar and syntax are studied as part of the Latin readings. A study of the Roman political

system, the Roman electoral process, and the Roman government during the period of the Roman Republic and their influences on modern civilizations are covered in the Latin readings of Sallust, Cicero, and others. Students conduct individual research on particular eras of the Republic. They also study historical individuals, such as Caesar, Cleopatra, Mark Anthony, and Octavian.

Latin: AP

Grade 11 - 12

Two semesters/Directed Elective

Prerequisite: Honors Latin III and teacher recommendation

Cost: \$95

AP Latin is a course which follows the College Board course guidelines for AP Latin and prepares students to be successful on the AP Latin exam. The AP Latin course focuses on the in-depth study of selections from two of the greatest works in Latin literature: Vergil's Aeneid and Caesar's Gallic War. The course requires students to prepare and translate the readings and place these texts in a meaningful context, which helps develop critical, historical, and literary sensitivities. Throughout the course, students consider themes in the context of ancient literature and bring these works to life through classroom discussions, debates, and presentations. Additional English readings from both of these works help place the Latin readings in a significant context.

Spanish I

Grade 9 - 12

Two semesters/Directed Elective

Spanish I provides an introduction to the Spanish language and to the culture of the Spanish-speaking world. Students will develop an elementary degree of proficiency in speaking, reading, writing, and listening in the target language. Mastery of basic grammar skills will be demonstrated through oral and written performance, role-playing, group work, and projects. Students will also study the geography, history and culture of various Spanish-speaking countries.

Spanish I: Honors

Grade 9 - 12

Two semesters/Directed Elective

Spanish I Honors provides an introduction to the Spanish language and to the culture of the Spanish-speaking world at an advanced pace. Students in *Spanish I Honors* generally have previous Spanish experience but are not ready to be placed in Spanish II. Students will develop a degree of proficiency in speaking, reading, writing, and listening in the target language. Mastery of basic grammar skills will be demonstrated through oral and written performance, role-playing, group work, and projects. Students will also study the geography, history and culture of various Spanish-speaking countries.

Spanish II

Grade 9 - 12

Two semesters/Directed Elective

Prerequisite: Spanish I and a teacher recommendation

Spanish II emphasizes listening, speaking, reading, writing and comprehension. It enhances fundamental grammar, vocabulary, and communication skills and builds on what students learn in Spanish I. A variety of techniques will be used to become more creative and more proficient in the language. Students will develop an appreciation of the different Hispanic cultures.

Spanish II: Honors

Grade 9 - 12

Two semesters/Directed Elective

Prerequisite: B- or higher in Spanish I Honors or A-or higher in Spanish I or Proficiency test score

Spanish II Honors emphasizes listening, speaking, reading and writing of the Spanish language as well as a deep appreciation of the Spanish culture. This course builds upon previously learned fundamentals of grammar, vocabulary, and communication skills learned in Spanish I. Instruction moves at a faster pace than a regular Spanish II class. Content will be partially instructed in the target language of Spanish

Spanish III

Grade 10 - 12

Two semesters/Directed Elective

Prerequisite: Spanish II and a teacher recommendation

Spanish III is partially conducted in the target language. Students will continue to build on their vocabulary while also demonstrating proficiency in grammar, composition, listening, speaking, and reading. Students will also gain knowledge and appreciation of Hispanic culture, history, and geography. *Leyendas de España*, which is a collection of tales about the history, geography, culture, customs, and values of Spain, will be used to reinforce reading comprehension during the second semester.

Spanish III: Honors

Grade 10 - 12

Two semesters/Directed Elective

Prerequisite: B- or higher in Spanish II Honors

Spanish III: Honors is conducted primarily in the target language. Students will continue to build on their vocabulary while also demonstrating advanced proficiency in grammar, composition, listening, speaking, and reading. There will be an intensive focus on writing, listening, and speaking in the target language. This course is geared toward the student who is on the AP track. Students will also gain knowledge and appreciation of Hispanic culture, history, and geography. *Leyendas de España*, which is a collection of tales about the history, geography, culture, customs, and values of Spain, will be used to reinforce reading comprehension and vocabulary throughout the year.

Spanish IV: Honors

Grade 11 - 12

Two semesters/Directed Elective

Prerequisite: B- or higher Spanish III or Spanish III Honors

Spanish IV Honors is a directed study for advanced students. It is conducted primarily in the target language. Along with renowned artists and authors, students are exposed to the history and civilization of the Spanish-speaking world. Listening, reading, writing and speaking skills will be used in the interpretation and analysis of the literature studied. The second semester adds the study of Miguel Cervantes' novel *Don Quixote* and the preparation for advanced placement in college.

Spanish Language: AP

Grade 11- 12

Two semesters/Directed Elective

Prerequisite: B- or higher in Spanish III Honors

Cost: \$95

Spanish Language Advanced Placement is a course based on the content established by the College Board. Spanish Language AP covers the equivalent of a third-year college course in advanced Spanish writing and conversation. It encompasses aural/oral skills, reading comprehension, grammar, and composition. The class emphasizes the use of Spanish for active communication and has as its objective the development of the following competencies: 1) the ability to comprehend formal and informal spoken Spanish; 2) the acquisition of vocabulary and a grasp of structure to allow the easy, accurate reading of newspaper and magazine articles, as well as of modern literature in Spanish; 3) the ability to compose expository passages, and 4) the ability to express ideas orally with accuracy and fluency. Students are expected to take the AP exam in May.

Spanish V: Honors

Grade 12

Two semesters/Directed Elective

Prerequisite: AP Spanish

Spanish V Honors seeks to develop language skills that are useful in themselves and that can be applied to various activities, disciplines, and writing activities. Students enrolled in this class participate in activities beyond the classroom that could include concerts, theater performances, and community activities. Students will: 1) initiate and participate in conversations on current or past events that are of significance in the world culture; 2) promote among their peers, and others, the benefits of world language study and the study of the cultures in which the language is spoken; 3) analyze the main plot, subplot, characters and their descriptions, roles, and significance in authentic literary texts. Additionally, students gain a general knowledge of the major literary and artistic movements within the cultures being studied.

American Sign Language I

Grade 9 - 12

Two semesters/Directed Elective

American Sign Language I is a language used by the majority of people who are deaf or hard of hearing in the United States and Canada. By learning ASL, students gain access to the deaf culture and insights into features of spoken language. The curriculum is designed to take students who have no knowledge of ASL to the point where they can function comfortably in a wide variety of situations in the deaf community. Deaf language, culture, and history are taught throughout the curriculum. Students must train their eyes, body movements, and facial expressions in order to communicate effectively. ASL I exposes the student to the basics of signing, vocabulary, sentence structure and basic conversation.

American Sign Language II

Grade 10 - 12

Two semesters/Directed Elective

Prerequisite: ASL I and a teacher recommendation

American Sign Language II builds upon the topics, vocabulary, and grammar introduced in previous lessons in ASL I. Emphasis is placed on the art of deaf conversation, grammar, and ASL gloss (sentence structure). Additional insights into deaf culture and history will be incorporated throughout the

curriculum. Students will build on the art of storytelling introduced in ASL I. In addition to in-class activities, students are highly encouraged to attend 10+ hours of outside events in the deaf community during the year and commit to the total immersion into the deaf or hard-of-hearing world while in class.

American Sign Language III Honors

Grade 11-12

Two semesters/Directed Elective

Prerequisite: ASL I, II and a teacher recommendation

American Sign Language III Honors is a course that continues to focus on the students' non-verbal communication skills at advanced levels of competency. American Sign Language is used exclusively in the class as students communicate using more complex structures of the language on a variety of topics, moving from concrete to more abstract concepts. This course provides opportunities for students to learn to express themselves in advanced situations, using more sophisticated vocabulary and structure; apply advanced grammatical features, such as descriptors, classifier use and various numbering systems; and develop the ability to discuss topics related to historical and contemporary events and issues within the deaf community.