



REITZ MEMORIAL HIGH SCHOOL

2023/2024 COURSE DESCRIPTION GUIDE

Updated 11/15/2022



Providing an environment where God Inspires, we educate, students thrive.
812.476.4973 | www.reitzmemorial.org | 1500 Lincoln Ave., Evansville



REITZ MEMORIAL HIGH SCHOOL

2023/2024 THEOLOGY COURSES

0550 - FOUNDATION OF THEOLOGY

One Semester, Grade 9

This course will present the foundational core concepts of Catholic theology drawn from the four pillars of the Catechism of the Catholic Church to provide a common language and understanding for more in-depth coursework in the future. Drawing on the fundamental principles of philosophy and logic, rooted in the Christo-centric nature of Catholicism, students will engage in the mystagogical process of reflection on this new faith understanding in light of personal and societal experience. By the end of this course, students will be able to identify the core teachings of Jesus, the expression of these teachings in Catholicism and relate this understanding to life experiences and decisions.

0550 - THE SACRAMENTS

One Semester, Grade 9

This course examines sacramental theology and the seven sacraments with an emphasis on the Sacraments of Initiation and Healing. The course also explores the history, scriptural foundation, current practices, and graces of the Sacraments as well as the sacramentality of all life. The goal of the course will be to enable students to more fully participate in them. Special attention will focus on the Liturgy and Eucharist as the way in which God's grace is most definitively distributed to us.

0550 - INTRODUCTION TO SCRIPTURE

One Semester, Grade 10

Students will gain an appreciation for Sacred Scripture through an understanding of the development and composition of the scriptures. This course will analyze how Catholics approach Scripture and the overarching themes of the Old and New Testaments. From this critical study of the Bible, students will come to know what God revealed to us through His Word and that the fullness of God's revelation has been made known to us through Jesus Christ. A detailed exploration of the mission and ministry of Jesus Christ as it is revealed to us in the New Testament will encourage a thoughtful understanding of the Mystery of Jesus Christ and how Christ calls us to a life of discipleship.

0550 - THE CHURCH

One semester, Grade 10

This course explores the development and history of the Church from its Apostolic origins to modernity. The course will especially survey the way the Church has developed and grown in the context of greater world history. This includes an extensive investigation of the Church throughout its major periods of growth. This includes growth under the Roman Empire, the Council of Nicaea, the development of monasticism, scholasticism, the Protestant Reformation, and more recent attempts to wrestle with modernity in the First and Second Vatican Councils. The course will examine many of the pivotal figures in the history of the Church including among others: St. Paul, St. Perpetua, St. Augustine, St. Catherine of Siena, St. Pope John Paul II, and St. Theresa of Calcutta. Special attention will be paid to the structure, purpose and role of the Church in the life of the Christian.

0550 - CATHOLIC MORALITY

One Semester, Grade 11

Junior theology concentrates on Christian morality and ethics, forming a Christian conscience, issues of social justice and peace, reverence for human life, and compassion for those who suffer. Students explore various methods for making healthy moral decisions while being challenged to base their moral judgments on the perfect model of moral living, Jesus Christ. They also investigate the Christian's obligation to care for those who are in need, to protect those who are weak, and to work for the elimination of violence. The course concludes with discussions on how to handle conflicts with creativity and to work toward peaceful relationships.

0550 - THE CHRISTIAN LIFE

One Semester, Grade 11

During this course students will study what it means to live life as a baptized Christian. Students will attempt to answer the following questions: What makes us Christian, what does it mean to be a disciple, what is our mission as Catholics, how do we discern our call? Some of the course will be dedicated to examining the states of life and how that fits into our baptismal call. Prayer and spirituality will round out the class with a special focus on personal spiritual development. The main goal of the course is to call to mind that the life of a Christian person should be "set apart." As St. Paul states, "If anyone purifies himself from what is ignoble, then he will be a vessel for noble use, consecrated and useful to the master of the house, ready for any good work." 2 Timothy 2:21

0550 - OLD TESTAMENT

One Semester, Grade 12

This course will examine the Old Testament while focusing on its theological, literary, and historical Perspectives. Students will analyze the various literary genres employed in the Pentateuch, Prophetic Books, and Wisdom Books, beginning with the creation stories and leading up to the New Testament. Special attention will be given to the role of Salvation History, especially ways in which Jesus Christ is foreshadowed in the Old Testament. This focus will allow the students to gain a deeper understanding of the role the Old Testament plays in their Catholic faith.

0550 - RELIGIONS OF THE WORLD

One Semester, Grade 12

This course is designed to help students understand the manner in which the Catholic Church relates to non-Catholic Christians as well as to other religions of the world. Recognizing that Jesus Christ established the Catholic Church, and entrusted the truth of God's revelation to her, this course allows students to recognize these spiritual truths in non-Catholic/Christian religions as encouraged by the Vatican document *Nostra Aetate*. *This course supports the Global Awareness Objective.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 BUSINESS & TECHNOLOGY COURSES

5394 - PREPARING FOR COLLEGE AND CAREERS

One Semester, Grade 9

Preparing for College & Careers addresses the knowledge, skills, & behavior all students need to be prepared for success in college, career, and life. The focus of the course is the impact of today's choices on tomorrow's possibilities. Topics to be addressed include twenty-first century life and career skills; higher order thinking, communication, leadership, and management processes; exploration of personal aptitudes, interests, values and goals; examining multiple life roles and responsibilities as individuals and family members; planning and building real-world skills; transferring school skills to life and work; and managing personal resources. Specific study and time management/organizational skills will be taught, and students will have the opportunity to implement these new strategies through designated study time. As a part of this program, students will engage in an orientation of RMHS—our expectations, technology use, and core values. This course will help freshmen transition to the rigors of high school.

4518 - INTRODUCTION TO BUSINESS

One Semester, Grades 9-12

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 further develops business vocabulary and provides an overview of business and the role that business plays in economic, social and political environments.

4524 - ACCOUNTING FUNDAMENTALS

One Semester, Grades 9-12

Accounting Fundamentals 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 decisionmaking.

5967 - INTRODUCTION TO ENTREPRENEURSHIP

One Semester, Grades 9-12

This course introduces students to the basics of planning and launching a local and/or global business. Whether students want to start their own money-making business or create a non-profit to help others locally or around the world, this course helps them develop the core skills they need to be successful. Some of the topics covered include business/marketing principles related to ownership and management of a business, traits and characteristics of successful entrepreneurs, ethics and social responsibility, local and global business etiquette/culture, and the strategies of business management and marketing. The development of a business plan related to the students' area of entrepreneurial interest is a course objective.

**Course supports the Global Awareness Objective*

4560 - BUSINESS LAW & ETHICS

One Semester, Grades 9-12

Business Law and Ethics is a business course that provides an overview of the legal system. Topics covered include: Global law and how it has already made an appearance in the behavior of states, the Basics of Law, Criminal Law, Civil Law, Employment Law and Property Law. Both criminal and civil trial procedures are presented. Instructional strategies will include mock trials, and guest speakers.

**Course supports the Global Awareness Objective*

5914 - MARKETING FUNDAMENTALS

One Semester, Grades 9-12

Principles of Marketing provides a basic introduction to the scope and importance of marketing in the global economy. Emphasis is placed on oral and written communications, mathematical applications, problem solving, and critical thinking skills as they relate to advertising/promotion/selling, distribution, financing, marketing-information management, pricing and product/service management.

5984 - SPORTS & ENTERTAINMENT MARKETING

One Semester, Grades 11-12 | Prerequisite: Marketing Fundamentals

Sports and Entertainment Marketing is a specialized marketing course that develops student understanding of the sport/event industries, their economic impact, and products, distribution systems and strategies, pricing considerations, product/service management, and promotion. Students acquire an understanding and appreciation for planning. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Participation in cooperative education is an optional instructional method, giving students the opportunity to apply newly acquired marketing skills in the workplace.

4540 - PERSONAL FINANCIAL RESPONSIBILITY

One Semester, Grades 11-12

Personal Financial Responsibility focuses on personal financial planning concepts and principles that provide a basis for avoiding financial pitfalls. This course helps students build skills in financial responsibility and decision making; analyze personal needs, wants, & goals; identify sources of income, saving, and investing; understand banking, budgeting, record-keeping, insurance and credit card debt. Instructional strategies will include the Dave Ramsey Foundations in Personal Finance program and guest speakers.

4512 - BUSINESS MATH

One or Two Semesters, Grades 11-12 | Prerequisite: Algebra 1 and Teacher Recommendation

Business Law and Ethics is a business course that provides an overview of the legal system. Topics covered include: Global law and how it has already made an appearance in the behavior of states, the Basics of Law, Criminal Law, Civil Law, Employment Law and Property Law. Both criminal and civil trial procedures are presented. Instructional strategies will include mock trials, and guest speakers.

**Course supports the Global Awareness Objective*

4528 - DIGITAL APPLICATIONS & RESPONSIBILITY

One Semester, Grades 9-12

Digital Applications and Responsibility prepares students to use technology in an effective and appropriate manner in school, in a job, or everyday life. Students develop skills related to word processing, spreadsheets, presentations, and communications software. Students learn what it means to be a good digital citizen and how to use technology, including social media, responsibly. Students expand their knowledge of how to use digital devices and software to build decisionmaking and problem-solving skills. Students should be provided with the opportunity to seek industry-recognized digital literacy certifications.

4803 - INTRODUCTION TO COMPUTER SCIENCE

One Semester, Grades 9 – 12

Introduction to Computer Science allows students to explore the world of computer science. Students will gain a broad understanding of the areas composing computer science. Additionally, there is a focus on the areas of computer programming, gaming/mobile development, and artificial intelligence/robotics.

4801 - COMPUTER SCIENCE I

One Semester, Grades 10-12 | Prerequisites: Introduction to Computer Science or Digital Applications and Responsibility

Computer Science is designed primarily to introduce students to writing instructions that a computer can understand. Students will explore computer concepts, use logic procedures and implement programming procedures using Visual Basic and other object-oriented languages. Instructional strategies may include individual and team hands-on development and scenario based activities. Emphasis is on problem solving and analysis using logical thinking processes in a globally-focused learning environment.

**Course supports the Global Awareness Objective*

5236 - COMPUTER SCIENCE II

One Semester, Grades 10-12 | Prerequisites: Computer Science I

This course builds on skills learned in Computer Science 1 and explores building skills in C++ and Java. The study of C++ provides a basic understanding of the fundamentals of procedural program development using structured and modular concepts including how data in a variable is manipulated and how actual and formal parameters relate. Emphasis will be on the role of data types, variables, structures, addressable memory locations, arrays and pointers. The development of Java programming skills will provide a basic understanding of the fundamental concepts with a focus on clear explanations and practice emphasis on logical program design.

**Course supports the Global Awareness Objective*

4570 - COMPUTER SCIENCE, AP

Two Semesters, Grades 11-12 | Prerequisites: Computer Science I or Intro to Computer Science and Geometry

AP Computer Science A introduces students to computer science through programming. Fundamental topics include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language. AP Computer Science A is equivalent to a first semester, college-level course in computer science.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 ENGLISH COURSES

1002 - ENGLISH 9

Two Semesters, Grade 9

Through an integrated study of literature, composition, vocabulary, and grammar, freshmen will further develop their language skills as they read a variety of literary selections & write for various audiences and purposes. Writing assignments will stress proper grammar, usage, mechanics, and sentence structure. Students will read and discuss a novel and complete a research paper.

1002H - ENGLISH 9, HONORS

Two Semesters, Grade 9 | Prerequisite: Eighth grade English of B or above

English 9 Honors covers most of the same material as English 9, but includes more challenging literary works and more in-depth writing assignments. Through an integrated study of literature, composition, vocabulary, and grammar, freshmen will further develop their language skills as they read a variety of literary selections and write for various audiences and purposes. Writing assignments will stress proper grammar, usage, mechanics, and sentence structure. Students will read and discuss a novel and complete a research paper.

1004 - ENGLISH 10

Two Semesters, Grade 10 | Prerequisites: English 9

English 10 focuses on literature, composition, and speech and integrates these three areas whenever possible. Building on the skills learned in English 9, students read and study many literary genres and may use these readings as a springboard for critical thinking in their writing assignments.

**Course supports the Global Awareness Objective*

1004H - ENGLISH 10, HONORS

Two Semesters, Grade 10 | Prerequisites: English 9 Honors with a grade of B or above, English 9 with departmental recommendation

English 10 Honors covers the same material as English 10 but in more detail and at a faster pace. This course focuses on literature, composition, and speech, integrating these three areas whenever possible. Building on the skills learned in freshman year, the students read and study many literary genres and they may use these reading selections as springboards for critical thinking in their writing assignments both formal and informal.

**Course supports the Global Awareness Objective*

1006 - ENGLISH 11

Two Semesters, Grade 11 | Prerequisites: English 10

This class consists of American literature and etymology. The class continues the focus on writing assignments which stress proper grammar, usage, mechanics, and sentence structure. English 11 is a study of literary history of America, spanning from the Exploration Period to the Post-Modern Period. This course emphasizes the authors, their works, and various themes, and the styles and techniques of their historical periods. Etymology will be incorporated into the course and students will learn Latin and Greek roots, connotative/denotative meaning of words in a variety of contexts, vocabulary, and critical thinking.

1006H - ENGLISH 11, HONORS

Two Semesters, Grade 11 | Prerequisites: English 10 Honors with a grade of B or above

American literature is a study of American literary history spanning from the Pre-Colonial Period to the Postmodern Period. This course emphasizes the authors' lives and their works, various themes, writings styles, and characteristics of different literary periods and movements. Students will practice writing in a variety of genres which stress the importance of proper grammar, usage, mechanics, and sentence structure. The spring semester will emphasize skills associated with research writing. This course moves at a faster pace than English 11.

1056 - ENGLISH LANGUAGE & COMPOSITION, AP

Two Semesters, Grades 11-12 | Prerequisites: English 10 or 11 Honors with a grade of A- or above

This course is aligned to the standards set by the College Board for AP Language and Composition. English 11 AP focuses on the analysis of rhetorical devices used in language, argumentative writing and fallacy identification, as well as the ability to synthesize multiple sources into a single essay. In this class, students read and analyze a variety of fiction and nonfiction texts for their persuasive and argumentative appeal. While many works are American, the course does not exclusively focus on American Literature.

1058 - ENGLISH LITERATURE & COMPOSITION, AP

Two Semesters, Grades 11-12 | Prerequisites: English 10 or 11 Honors with a grade of A- or above

This course is designed to be a college level course which will provide students with the intellectual challenges and workload consistent with a typical undergraduate literature class. The course includes intensive study of literary works from various genres and periods concentrating on "recognized literary merit" from the recommended AP literature reading list. Students are expected to read deliberately and thoroughly apply critical thinking skills, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form. Summer reading is an important addition to the student's repertoire with the expectation of drawing upon past reading experience for points of comparison/contrast. Intensive writing assignments are a key component in the course because the AP examination is weighted toward writing about literature. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays, taking the Advancement Placement exam at the end of the course is not a requirement.

**Students cannot concurrently take this course and Adv. Composition.*

1008 - ENGLISH 12

Two Semesters, Grade 12 | Prerequisites: English 11

This class consists of one semester of English literature and one semester of composition. The English literature semester of this course is the study of English authors and their literary works as well as a review of grammar and basic writing skills. The class examines material from the Old English Period (449 AD) to the Post Modern. The composition semester of this course provides instruction and practice in writing both formal essays and creative pieces. Work includes studying literary analysis, writing research papers and formal letters, and reading and discussing other genres. During the semester, students will also read two modern British novels.

1008H-ENGLISH 12, HONORS - ADV COMPOSITION

One Semester, Grade 12 | Prerequisites: English 11 Honors with a grade of B or above

Composition: A course in the critical arts of reading, writing, reflection, oral presentation, and discussion, with an introduction to rhetoric and informal logic. This one-semester course challenges students to further develop their writing skills.

Students will review grammar, learn about a variety of writing genres, and practice research and writing strategies to help them succeed after high school.

**This one semester course will be offered as part of the USI CAP (Dual Credit) program. This opportunity will be for senior students only.*

Students can earn up to 3 credit hours for this semester-long course.

**At USI this course is known as English 101.*

**By registering for this course, you give Memorial High School permission to release your transcript and test scores to USI for CAP (dual credit) to meet USI admission requirements.*

1052H-ENGLISH 12, HONORS-WORLD LITERATURE

One Semester, Grade 12 | Prerequisites: English 11 Honors with a grade of B or above

World Literature: This course is based on the Indiana Academic Standards for English/Language Arts, is a study of ancient and modern representative works by major authors from six continents: Africa, Asia, Australia, Europe, North America, and South America. Students examine a wide variety of literary genres and themes. Students analyze how the ideas and concepts presented in the works are both interconnected and reflective of the cultures and historical periods of the countries represented by the authors.

**The World Literature semester supports the Global Awareness Objective.*

**This one semester course will be offered as part of the USI CAP (Dual Credit) program. This opportunity will be for senior students only.*

Students can earn up to 3 credit hours for this semester-long course.

**At USI this course is known as English 105.*

**By registering for this course, you give Memorial High School permission to release your transcript and test scores to USI for CAP (dual credit) to meet USI admission requirements.*

1034 - FILM LITERATURE

One Semester, Grades 11-12 | Prerequisites: English 11 Honors, AP Language and Composition, or AP Literature and Composition with a grade of B- or better. Students who took English 11 the previous year must have earned a B+ or better in the class AND have their English 11 teacher's recommendation. English 11 students must also commit to take Advanced Composition to fulfill their degree requirements. May be taken as an elective credit junior or senior year with instructor approval.

Film Literature is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection or influence of film on the culture, and issues of interpretation, production and adaptation. In class discussion, writing prompts, and essays, students will examine and analyze the visual interpretation of literary techniques (such as theme, plot, symbolism, and characterization) and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students also analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present. The teacher may choose films based on a common theme or genre, and the film list may change from semester to semester.

1070 - DEBATE

One Semester, Grades 11-12 | Prerequisites: English grade of C or above

This course covers the study and application of skills in listening, oral interpretation, media communications, research methods and oral debate. Students deliver different types of oral and multi-media presentations, including speeches to inform, to motivate, to entertain, and to persuade through a variety of delivery styles and for a variety of different types of audiences. Students will also learn to analyze formal presentations for effectiveness. This course is listed as an advanced course because of the quick formal presentations for effectiveness and the amount of technical writing that will be involved.

1092 - CREATIVE WRITING

One Semester, Grades 11-12 | Prerequisites: English grade of C or above

Introduction to Creative Writing is a basic exploration and deconstruction of fiction writing techniques in description, characterization, narration, dialogue, and point-of-view. It explores the building blocks of how to create a larger piece of fiction with informal in-class writing prompts and exercises, deconstruction of beloved novels and short stories, as well as more formal creative assignments, all of which are designed to lead the young writer toward the creation of their own work. This class explores everything from classic genres through contemporary fiction with enduring themes used as mentor texts that scare, excite, and world-build and assist the creative writer in developing their own characters and worlds.

1086 - STUDENT PUBLICATIONS

Two Semesters, Grades 10-12 | Prerequisites: Application Required

The primary objective of this course is to produce the Review, the school's yearbook. This course consists of planning, photographing, selling advertisements, laying out pages, writing copy and editing. All students will study the methods of yearbook production and photography skills so that they can perform any of the various assignments necessary to complete the Review. At the same time, students will concentrate in areas of their choice and assume responsibility for those layouts. Students will be expected to devote time after school to take photos at school events.

**This course counts as one Fine Arts credit per semester.*



REITZ MEMORIAL HIGH SCHOOL

2023/2024 FINE ARTS: MUSIC & CHOIR COURSES

4160 - CONCERT BAND

Two Semesters, Grades 9-12 | Prerequisites: Teacher Recommendation Required

Concert Band provides students with a balanced comprehensive study of music through performance. Ensemble and solo activities are designed to develop elements of musicianship including tone production, technical skills, intonation, music reading skills, listening skills, analyzing music, studying historical styles of literature and integration of other applicable disciplines. Students study a varied repertoire of developmentally appropriate concert band literature and develop the ability to understand and convey the composer's intent in performances. Public performance may serve as a culmination of daily rehearsals and music goals. Students are required to participate in performance opportunities outside the school day that support and extend learning in the classroom.

4182 - BEGINNING CHORUS

Two Semesters, Grades 9-12

Students will develop musicianship and specific performance skills through ensemble and solo singing. This class includes the study of quality repertoire in the diverse styles of choral literature appropriate in difficulty and range for the students. Chorus classes provide opportunities for performing, creating, and responding to music. Students develop the ability to understand and convey the composer's intent in performance of music. Time outside of the school day may be scheduled for rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities outside of the school day that support and extend learning in the classroom.

4188 - ADVANCED CHORUS

Two Semesters, Grades 9-12 | Prerequisites: Teacher Recommendation Required

Concert Choir is an advanced class designed to meet the needs of the more experienced and/or dedicated student. The class includes sight singing, accountability tests, and performances such as solo/ensemble contest, organizational contest, music festivals, programs for civic groups, as well as three major performances. Reasonable rehearsal time after school and/or evenings is necessary preceding major performances.

4200 - APPLIED MUSIC: UKULELE

One Semester, Grades 10-12

Beginning Ukulele is for the student who is interested in learning the fundamentals of ukulele playing as well as the fundamentals of music. This course is reserved for students who have little or no previous experience in playing ukulele. Skills taught in this course include reading tablature, fingerstyle playing, reading musical notation, reading chord symbols, playing various accompanying styles, playing single melodic lines, and improvising and composing using basic harmonic patterns. All students will perform a piece of their choosing for the class in a mini recital setting.

4200 - APPLIED MUSIC: PERCUSSION ENSEMBLE

One Semester, Grades 10-12

Percussion ensemble is for the student interested in learning the fundamentals of percussion performance in an ensemble setting as well as the fundamentals of music. This course is reserved for students that have little or no previous experience in musical performance. Skills taught in the course include music reading, basic technique on keyboard and non-pitched percussion, study developmentally appropriate percussion ensemble literature, and evaluation of ensemble performance. Performance of major scales and standard percussion rudiments will be a part of the end of semester assessment. The class will also have one required out of school performance.

4204 - PIANO KEY

One Semester, Grades 9-12

Applied Music-Beginning Piano is for the student who is interested in learning keyboarding skills and music fundamentals. This course is intended for students who have had little or no experience in playing piano. Skills taught in this class include reading musical notation, keyboard technique, fundamentals of harmony, rhythm and form, musical styles from various culture and periods. Students must plan to make arrangements to practice between classes, whether at school or elsewhere. All students will perform at a recital for part of their final exam grade.

4206 - MUSIC HISTORY & APPRECIATION I

One Semester, Grades 9-12

Music Appreciation is for the student with little to no knowledge of music, but who wishes to understand its role in our everyday life. Some of the topics discussed include the following: music as a field of practice, music that tells a story, different genres of music, music for entertainment, etc. Students will also be able to evaluate music and quantify attributes about music. Is it good or is it bad? Why or why not? All students will give a presentation over a discussed topic in class, to show mastery of the knowledge and skills.

4206 - MUSIC HISTORY & APPRECIATION II

One Semester, Grades 9-12

Music History is for the student who is interested in learning the history of music, from its origins in the Church, to the present day. Skills taught include musical styles as well knowledge of main composers of the following musical periods: Ancient World, Medieval, Renaissance, Baroque, Classical, Romantic, and Present Day. Students will study and be able to recognize musical pieces and be able to categorize them based on composer, and time period. Students will also be able to grasp the similarities in musical styles across time periods. Included in this course is the further study of world music, and its importance in its respective culture. All students will give a presentation at the end of the semester over a particular composer, musical time period, or world music example.

4210 - MUSIC THEORY, AP

Two Semesters, Grades 10-12 | Prerequisites: Teacher Recommendation Required

Music Theory, Advanced Placement is a course based on the content established by the College Board and reflects the coverage of content and level of skills typical of most first-year college courses. This course will integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, musical composition, history and style. The student's ability to read and write musical notation is fundamental to the course and it is also assumed the student has acquired at least basic performance skills in voice or on an instrument.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 FINE ARTS: THEATRE ARTS COURSES

4242 - THEATRE ARTS I

One Semester, Grades 9-12

Theatre Arts I is an introduction to the unique medium of theatre arts. Theatre Arts I introduces the novice student to the work of theatre, its history, purpose, technology, design crafts, language, business and art. Students will be exposed to a variety of teaching methods which include but are not limited to classroom instruction, practicum, stage construction, observation, and demonstration. Students will be expected to learn various stage crafts and then accurately perform the craft. Students will have the opportunity to practice design and construction of sets and costumes and handle lighting equipment, stage management, and publicity matters. This class involves set construction work; therefore, students will learn to use power tools and will work with sharp and potentially injurious objects. Students are required to display a great deal of personal responsibility for safety at all times.

4248 - THEATRE ARTS II: THEATRE PRODUCTION

One Semester, Grades 10-12 | Prerequisites: Theatre Arts I with grade of C+ or above

Theatre Arts II is a class for the student who is serious about developing and refining performance skills. This class will utilize a theatre workshop environment to explore the world of theatre performance. Students will be introduced to voice and articulation training as well as stage movement. Theatre Arts II students will receive training to properly analyze a play and will be expected to demonstrate an understanding and appreciation of a playwrights meaning. The student will interpret a play and express this interpretation in terms of the actor's experience and imagination. The student will be expected to demonstrate an understanding of rehearsal techniques and performance skills, which will be introduced in class. The Theatre Arts II student should have the ability to read a variety of performance literature independently to develop scenes for performance. The student and his or her classmates will collectively design and produce a one act theatrical show.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 FINE ARTS: VISUAL ART COURSES

4000 - INTRODUCTION TO 2D ART

One Semester, Grades 9-12

Introduction to two-dimensional art is designed with an emphasis in drawing and printmaking. Our goal is to instill the beginning art student with an understanding and appreciation of the visual arts, both past and present. This course will offer basic technical and philosophical elements and principles which are to be developed during their future as an art student. Students learn various techniques through teacher technical demonstrations and presentations. Students use and develop the elements of design: line, color, shape, form, texture, value and space. Students will experience various media such as: pencil, pastel, linoleum block prints, and pen and ink. Art History covering Prehistoric, Egyptian, & Greek are taught at this level. Art criticism is also taught at this level, which allows the student to critically examine current works, current trends and explore the role of the art critic in society. Art criticism is also used as a method of identifying strengths and limitations in student art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community. Emphasis is placed on class projects with an examination each quarter.

4004 - ADVANCED 2D ART

One Semester, Grades 9-12 | Prerequisites: Introduction to Two-Dimensional Art

Advanced two-dimensional art is designed with an emphasis on painting and printmaking. This course consists of an understanding of color with concentration in watercolor, tempera, acrylic, oil paints, and etching. Students will also have free assignments to assist in the developing of their own artistic styles. Art History consisting of Gothic, Renaissance, Baroque Painting periods are taught at this level. Art criticism is also used as a method of identifying strengths and limitations in student art work so students can improve their creations as needed. Students will be introduced to the aesthetics of art by reflections on the nature of art and assessing their ideas and definitions of art and art community. Emphasis is placed on the class projects with an examination at each quarter.

4002 - INTRODUCTION TO 3D ART

One Semester, Grades 9-12 | Prerequisite: Introduction to Two-Dimensional Art

Introduction to three-dimensional art is designed with an emphasis in ceramics, sculpture, and jewelry. This course will offer basic technical skills in three-dimensional art and understanding of form, texture, and color. Students will have free assignments to assist in the developing of their own artistic styles. Art History consisting of Roman, Romanesque, and Renaissance Sculpture are taught at this level.

4040 - CERAMICS

One Semester, Grades 10-12 | Prerequisites: Introduction to Three-Dimensional Art

This class is designed for advanced art students that wish to develop more technical skills in different aspects of ceramics including: clay construction, potter's wheel, and glaze applications. Students will have the opportunity to work in low fire oxidation, Raku, and reduction firings. Art History consisting of an in-depth analysis of historical and contemporary ceramics from a variety of cultural groups identifying relationships between context, form, and function will be introduced in this course. The students will be taught to critically examine their work in relationship to historical and contemporary ceramic works. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community.

4040 - ADVANCED CERAMICS

One Semester, Grades 10-12 | Prerequisites: Ceramics

This course is designed for students that excelled in ceramics and desire more technical skills. Advanced Ceramics allows much more artistic freedom and creativity. Students will have the opportunity to work in low fire oxidation, Raku, and reduction firings and work with porcelain, stoneware, earthenware, and demonstrate unique glazing techniques. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community.

4060 - DRAWING

One Semester, Grades 10-12 | Prerequisites: Introduction to Two-Dimensional Art or with teacher recommendation

This class is designed for advanced art students that wish to develop more technical skills in drawing. Students will be exposed to techniques in pastels, colored pencils, charcoals, conte' crayon and colored markers. Students will be taught to critically examine their work in relationship to their peers and to compare their work to historical and contemporary drawings. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community.

4060 - ADVANCED DRAWING

One Semester, Grades 10-12 | Prerequisites: Drawing

This class is intended for advanced drawing students that wish to acquire more technical skills and artistic expression. Students will be exposed to techniques learned in drawing including: pastels, colored pencils, charcoal, conte' crayon and colored markers. Students will critically examine their work in relationship to their peers and compare their work to historical and contemporary drawings. Students will be introduced to the aesthetics of art by reflecting on the nature of art and assessing their ideas and definitions of art and the art community.

4064 - PAINTING

One Semester, Grades 10-12 | Prerequisites: Advanced Two-Dimensional Art

This course is a continuation of Introduction to Two-Dimensional Art with a greater emphasis on painting. Painting allows the students to explore their creativity through such mediums as oil, acrylic, watercolor or tempera paints. Students will learn to build frames, stretch and gesso their own canvases and create work using various techniques in painting. The students will be taught to critically examine their work through group discussions, assessing their ideas and critiques.

4064 - ADVANCED PAINTING

One Semester, Grades 10-2 | Prerequisites: Painting

This course is a continuation of Painting and gives students opportunity to explore various techniques learned in Advanced Two-Dimensional Art and Painting. Students enrolled in Advanced Painting will be exposed to various techniques in watercolor, acrylic, and oil paints. Students will learn to build frames, stretch and gesso their own canvases and create work using various techniques in painting. The students will be taught to critically examine their work through group discussions, assessing their ideas and critiques.

4062 - DIGITAL PHOTOGRAPHY

One Semester-Grade 12

The Digital Photography course is designed to show students how to use a digital camera to capture images and use the computer to edit, manipulate, and produce top quality digital photographic images for both the Internet and printing. Students will develop an understanding of the technical and aesthetic foundations in color photography through digital technology. Students will take their own traditional or digital photographs and then utilize various digital photographic techniques with Adobe Photoshop and other color digital presentations, students will examine the technical aspects of their work including composition, lighting, and shadow. Students will be required to create a portfolio of digital images at the end of the semester.

**Students will be required to provide their own camera of at least 8 megapixels, no phone cameras will be allowed.*

0000 - AP ART AND DESIGN

Two Semesters, Grades 10-12 | Prerequisites: None

Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 MATHEMATICS COURSES

2520/2516 - ALGEBRA I & ALGEBRA I LAB

Two Semesters, Grade 9 | Prerequisites: This course is recommended for students who earned lower than a B in PreAlgebra, or who earned scores below the benchmark on the Mathematics portion of the ISTEP or High School Placement exams.

Students taking Algebra I with Math Lab will have Algebra class every day instead of the usual every other day schedule. The additional time in Algebra class will give students a greater opportunity to master the concepts of Algebra I and to better prepare for the Math portion of ISTEP+, Grade 10. Because this class meets five days per week, the students will have more opportunity to work on assignments during class, while the teacher is available to assist them with any difficulties they encounter. There will also be more time allotted for review. This class begins with a review of variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course. Students who pass this course will earn two credits per semester – one credit for Algebra 1 and one credit for Algebra I Lab. The Algebra I credit counts towards the mathematics requirements for graduation; however, the Algebra I Lab credit does not count as a mathematics credit towards graduation.

2520 - ALGEBRA I

Two Semesters, Grade 9 | Prerequisites: This course is recommended for students who earned a B in Pre-Algebra, test scores at or just above the benchmark on the mathematics portion of the ISTEP and High School Placement Exam.

This class begins with a review of topics from Pre-Algebra including variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions, quadratic functions and equations, radical equations, and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course. This class meets on the normal every other day schedule.

2520H - ALGEBRA I, HONORS

Two Semesters, Grade 9 | Prerequisites: Algebra I in 8th grade or Pre-Algebra with a B or higher and test scores at or above the benchmark on the mathematics portion of the ISTEP and High School Placement exams.

This class begins with a very quick review of topics from Pre-Algebra including variables and expressions, properties, operations with real numbers, and solving linear equations. The course then develops concepts related to graphing functions and relations, analyzing linear equations, solving linear inequalities, solving systems of equations and inequalities, monomials, and polynomials, factoring polynomials, quadratic & exponential functions, quadratic functions and equations, radical equations, and rational expressions and equations. Applications of these topics and connections with other areas of mathematics will be emphasized throughout the course. This class meets on the normal every other day schedule.

2532 - GEOMETRY

Two Semesters, Grades 10-12 | Prerequisites: Algebra I credit

Geometry is based on principles of logical reasoning. Students develop their deductive reasoning skills throughout the course by providing informal justifications and informal arguments as well as by writing formal two-column and paragraph proofs. Topics included are properties of points, lines, planes, angles, reasoning and proof, perpendicular and parallel lines, congruent triangles, relationships in triangles, proportion and similarity, right triangles and trigonometry, quadrilaterals, transformations, circles, areas of polygons and circles, surface area of solids, and volume. Applications of these topics and their connections with other branches of mathematics will also be explored.

2532H - GEOMETRY, HONORS

Two Semesters, Grades 9-10 | Prerequisites: Algebra I – Honors with a B+; Algebra I with an A; or Department Recommendation for incoming freshmen

This course covers all the material found in Geometry, but at a faster pace and in more depth, and will devote additional time to applications, connections, and problem solving. This course is designed for students with superior mathematical ability who want the challenge of a more intense course. Topics included are points, lines, planes, angles, reasoning and proof, perpendicular and parallel lines, congruent triangles, relationships in triangles, proportion and similarity, right triangles and trigonometry, quadrilaterals, transformations, circles, areas of polygons and circles, surface area of solids and volume. Applications of these topics and their connections with other branches of mathematics will also be explored.

2522 - ALGEBRA II

Two Semesters, Grades 11-12 | Prerequisites: Geometry and Algebra I credits

Algebra II is a basic level second-year algebra course which includes nearly all the topics of Algebra II – Honors, but usually covers them in less depth. As students continue the study of algebra, they relate and apply algebraic concepts to other areas of mathematics through realistic and relevant applications. Topics of this course include solving equations and inequalities, linear relations and functions, systems of equations and inequalities, linear relations and inequalities, polynomial functions, conic sections, rational expressions and equations, exponential and logarithmic relations, sequences and series, and probability and statistics.

2522H - ALGEBRA II, HONORS

Two Semesters, Grades 10-12 | Prerequisites: Geometry – Honors or Geometry with a C or above

This course covers all of the material included in the Algebra II course, but in more depth and will devote additional time to applications, connections, and problem solving. This course is designed for students who want the challenge of a more intense course in preparation for college mathematics. Topics of this course include solving equations and inequalities, linear relations and functions, systems of equations and inequalities, linear relations and functions, polynomials, quadratic functions and inequalities, polynomial functions, conic sections, rational expressions and equations, exponential and logarithmic relations, sequences and series, and probability and statistics.

2595 - PRIME MATH

Two Semesters, Grade 12 | Prerequisites: Teacher recommendation only

The PRIME Math course utilizes curriculum developed by the Southern Regional Education Board (SREB), that includes and reinforces the Algebra I, Geometry, Algebra II, and Statistics skills necessary for postsecondary success. This course emphasizes understanding of math concepts rather than just memorizing procedures. PRIME math emphasizes students' reasoning and sense making about procedures (e.g., why to use a certain formula or method to solve a problem). This equips them with higher-order thinking skills in order to apply math skills, functions, and concepts in different situations. The course is intended for students who currently have achieved the minimum math requirements at the secondary level, but need additional experiences to enhance their mathematical knowledge before pursuing credit-bearing courses at a postsecondary institution.

2564 - PRE-CALCULUS

Two Semesters, Grade 11-12 | Prerequisites: Algebra II credit

Pre-calculus provides a foundation of pre-calculus concepts, techniques, and applications to prepare students for more advanced work. Topics included are linear relations and functions, systems of equations and inequalities, the nature of graphs, polynomial and rational functions, conics, logarithmic and exponential functions, trigonometric functions and their graphs, and trigonometric identities and equations.

2564H - PRE-CALCULUS, HONORS

Two Semesters, Grades 11-12 | Prerequisites: Algebra II – Honors with a B- or above, Pre-Calculus, Trigonometry

Pre-calculus is an advanced fourth-year course with emphasis on theory, method, and application. This course combined with Trigonometry provides a solid foundation for a first year course in calculus. The topics included are linear relations and functions, systems of equations and inequalities, polynomial and rational functions, the nature of graphs, vectors and parametric equations, conics, exponential and logarithmic functions, sequences and series, combinatorics and probability, and statistics and data analysis. Pre-calculus and Trigonometry can be taken concurrently. Students may earn college credit through Ivy Tech Community College for this course.

2566H - TRIGONOMETRY, HONORS

One Semester, Grades 11-12 | Prerequisites: Algebra II, Honors with a B- or above; or Pre-calculus Honors with a C or above

This course provides for the development of the trigonometric relationships from an understanding of the circular functions and their properties and graphs. Topics included in this course are the unit circle, trigonometric functions, solving triangles, trigonometric graphs, trigonometric identities and equations, polar coordinates, and complex numbers. Pre-calculus and Trigonometry can be taken concurrently.

2568H - INTRODUCTORY CALCULUS

One Semester, Grade 12 | Prerequisites: Pre-calculus Honors and Trigonometry with a C or above

This one-semester course is designed to give students experience with calculus, without the rigors of college-level calculus. The course emphasizes application of concepts and problem solving rather than the mathematical theory of calculus. Students are provided with an excellent head start into their college calculus program. Topics include functions, graphs, limits, derivatives, curve sketching, related rates, extrema, antiderivatives, definite integrals, areas, exponential functions, the natural logarithmic function, and, if time allows, techniques of integration.

2562 - CALCULUS, AP/UE BRIDGE

Two Semesters, Grade 12 | Prerequisites: Pre-calculus Honors and Trigonometry with a B- or above

This is a college-level calculus course designed to prepare students to pass the AP exam. Emphasis is placed on the mathematical theory upon which the concepts of calculus are based. Topics will include rate of change, limits, derivatives, curve sketching, related rates, extrema, indeterminate forms, antiderivatives, definite integrals, approximation of definite integrals, areas, lengths of curves, volume and surface area of solids, and methods of integration. These topics will be applied to algebraic, trigonometric, inverse trigonometric, exponential, and logarithmic functions. Concepts will be presented analytically, numerically, graphically, and verbally whenever appropriate. **This course is available for college credit through the University of Evansville Bridge Program.*

2546 - PROBABILITY & STATISTICS

One semester, Grade 12 | Prerequisite: Pre-calculus Honors credit; or Algebra II with a B- or above

Probability and Statistics is designed for students with a wide variety of interests and future vocational and educational ambitions. Topics included are descriptive statistics, probability, inferential statistics, and methodology. Applications and examples from various fields will be liberally used throughout the course. Activities will be assigned to engage students in the decision-making process of statistics including data collection, analysis, and application, and in the random behavior of probability.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 HEALTH COURSES

3506 - HEALTH AND WELLNESS EDUCATION

One Semester, Grade 10

This course provides a detailed study of health in order to explain the why, how, and what of maintaining good health. The course includes the major content areas in a planned, sequential, comprehensive health education curriculum as expressed in the Indiana Health Education Proficiency Guide: (1) Growth and Development; (2) Mental and Emotional Health; (3) Community and Environmental Health; (4) Nutrition; (5) Family Life Education; (6) Consumer Health; (7) Personal Health; (8) Alcohol, Tobacco, and Other Drugs Education; (9) Intentional and Unintentional Injury; and (10) Health Promotion and Disease Prevention. The course emphasizes moderation as a key to maintaining sound health practices. Some of the wide range of careers available in the health field will also be explored.

3500 - ADV HEALTH EDUCATION

One Semester, Grades 10-12

Advanced Health and Wellness, an elective course that is aligned to Indiana's Academic Standards for Health and Wellness, provides advanced knowledge and skills to help students adopt and maintain healthy behaviors. Through a variety of instructional strategies, students practice the development of functional advanced health information (essential concepts); determine personal values that support health behaviors; develop group norms that value a healthy lifestyle; develop the essential skills necessary to adopt, practice, and maintain health-enhancing behaviors. Advanced Health and Wellness provides students with an in-depth study of promoting personal health and wellness, physical activity, healthy eating; promoting safety and preventing unintentional injury and violence; promoting mental and emotional health, a tobacco, alcohol, and other drug-free lifestyle; and promoting human development and family health. The scientific components of health and wellness, health issues and concerns, health risk appraisals, individual wellness plans, health promotion and health careers are expanded and explored within the context of the course. This course provides students with the advanced knowledge and skills of health and wellness core concepts, analyzing influences, accessing information, interpersonal communication, decision-making and goalsetting skills, health-enhancing behaviors, and health and wellness advocacy skills.

3508 - CURRENT HEALTH ISSUES

One Semester, Grade 10

Current Health Issues, an elective course that can be aligned to Indiana's Academic Standards for Health and Wellness, focuses on specific health issues and/or emerging trends in health and wellness, but not limited to: personal health and wellness; non-communicable and communicable diseases; nutrition; mental and emotional health; tobacco-prevention; alcohol and other drug-prevention; human development and family health; health care and/or medical treatments; and national and/or international health issues. This course provides students with the knowledge and skills of health and wellness core concepts, analysis of influences, access to information, interpersonal communication, decision-making and goalsetting skills, health-enhancing behaviors, and health and wellness advocacy skills.

3520 - DRIVER EDUCATION

One Semester, Grades 9-12 | Prerequisites: The student must possess a certified driver education permit from the Indiana Motor Vehicle Bureau and must be at least 15 years of age when entering the course. Students residing in Kentucky must be at least 16 years of age.

This course is a combination of driver education and alcohol education. The driver education portion of the course will include a minimum of thirty (30) hours of classroom instruction and six (6) hours of behind-the-wheel instruction. These (6) hours of behind the wheel drives must be completed by the end of the semester. If the student does not complete the (6) hours during this time, the remaining drives will be completed at the driving instructor's discretion. The purpose of this area of the course is to impart basic knowledge and skills needed in the proper operation of an automobile. It intends to give the student an understanding of the practical operation, function, and maintenance of the vehicle. Approximately two weeks will be used to study the effects of alcohol on the human body, especially the results of drinking and driving.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 PHYSICAL EDUCATION & HEALTH COURSES

3542 - PHYSICAL EDUCATION I

One Semester, Grades 9

This co-educational course is designed to introduce the student to basic skills and rules of different sports such as soccer, volleyball, softball, and basketball. Individual activities provide an opportunity for challenge and self-improvement. This course can be adapted or modified to meet the individual needs of students with disabilities.

3544 - PHYSICAL EDUCATION II

One Semester, Grades 10 | Prerequisite: Physical Education I

This co-educational course is designed to develop the same skills as Secondary Physical Education I, but to a higher degree of proficiency. Team activities for the second year include tag football, volleyball, basketball, volley tennis, pickleball, softball, and speedball. Individual activities include badminton, tennis, and paddleball.

3560 - WEIGHT TRAINING I

One Semester, Grades 10-12 | Prerequisites: Physical Education I and II

This course is designed to introduce students to strength training in order to promote the concept of athletic development and physical preparation. This class will present the basics of weight training, teach proper lifting techniques/progressions/regressions, and provide each student an opportunity to become more physically prepared to compete athletically. Proper technique and safety will be emphasized.

**This class cannot be taken concurrently with a Study Block during the same semester.*

3560 - WEIGHT TRAINING II

One Semester, Grades 11-12 | Prerequisites: Weight Training I

The activity portion of this class will be similar to Elective PE/Weight Training I. In addition to weightlifting, emphasis will also be placed on agility and speed development, core strength, and flexibility. Academically, this course will also focus on the importance of good nutrition and exercise in promoting wellness.

**This class cannot be taken concurrently with a Study Block during the same semester.*

3560 - LIFETIME SPORTS & FITNESS

One Semester, Grades 11-12 | Prerequisites: Physical Education I and II

This co-educational course provides an opportunity for more skill development of the activities introduced in Physical Education 1 and 2. The areas covered include tag football, basketball, weight training, bowling, softball, tennis, volleyball, ping-pong, pickleball, and golf. Emphasis will also be placed on exercise and good overall physical fitness, through daily stretching routines and cardiovascular workouts.

3560 - MODERN FITNESS

One Semester, Grades 11-12 | Prerequisites: Physical Education I and II with a B or higher grade.

This course is offered to female students only. Students will participate in physical fitness activities to enhance fitness. This course includes physical participation as well as setting personal fitness goals. Fitness activities include: aerobics, jogging, walking, Pilates, yoga, inline skating, Krav Maga, toning, swimming, and weight training.

3560 - OUTDOOR PURSUITS

One Semester, Grades 10-12 | Prerequisites: Physical Education I and II

The class will be focused on training for a "RACE" - The class would be in the Spring and the RACE and DATE would be set at registration. All students who take the class must participate in the "RACE" for class completion. Training will be 14-16 weeks within the semester.

Training for a half marathon, marathon, or triathlon is exciting - it's a great goal and fun but challenging. However, it's important to be prepared so that your race is a success.

3560 - SPORTS OFFICIATING

One Semester, Grades 10-12 | Prerequisites: Physical Education I and II

Indiana, like the rest of the nation, is facing a shortage of sports officials as this group ages out and retires at a rate higher than it is being backfilled. The potential to be able to add several hundred trained sports officials to our communities through programs like this is critical for the sustainability of education-based athletics at the IHSAA level and for community, recreational, and developmental sports leagues all across our state and nation. The student would be certified to officiate a variety of sports.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 SCIENCE COURSES

3024 - BIOLOGY I

Two Semesters, Grades 9-10

Biology I is a course based on the following core topics: cellular structure and function, matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction will 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.

3024H - BIOLOGY I, HONORS

Two Semesters, Grades 9 Teacher recommendation only

Biology I is a course based on the following core topics: cellular structure and function, matter cycles and energy transfer; interdependence; inheritance and variation in traits; evolution. Instruction will 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. Additionally, students will be expected to apply their knowledge of these topics to complex problems.

3020 - BIOLOGY, AP/UE BRIDGE

Two Semesters, Grades 11-12 | Prerequisites: Biology with a B+ or better and Chemistry Honors with a B+ or better.

Advanced Placement Biology is a course that follows the College Board's Advanced Placement course outline. Students enrolled in the course prepare for the College Board's Biology Advanced Placement Examination. The two central goals of the AP program in Biology are to help students develop a conceptual framework for modern biology and gain an appreciation of science as a process. Topics include molecules and cells, heredity and evolution, and organisms and populations. Dissection is not a component of this course.

**This course is available for college credit through the University of Evansville Bridge Program.*

3108 - INTEGRATED CHEMISTRY AND PHYSICS

Two Semesters, Grades 10 – 12 | Prerequisite: Biology I

This is a lab-based course in which students explore fundamental chemistry and physics principles. Students enrolled in this course examine, through the process of scientific inquiry, the structure and properties of matter, chemical reactions, forces, motion, and the interactions between energy and matter. Working in a laboratory environment, students investigate the basics of chemistry and physics in solving real-world problems that may have personal or social consequences beyond the classroom. A scientific calculator is required for this course. This course or First Year Chemistry, Level 3 is required to meet CORE 40 curriculum and Academic Honors Diploma requirements.

3064H - CHEMISTRY I, HONORS

Two Semesters, Grades 10-12 | Prerequisites: Algebra and Science averages of B- or above

This course is designed to prepare students for advanced chemistry and/or college courses and has a strong mathematics base. Quantum mechanics, gas laws, acid/base chemistry, and equilibrium replete with their respective equations will be covered. A non-graphing scientific calculator is required for this course.

3066H - CHEMISTRY II, HONORS/UE BRIDGE

Two Semesters, Grades 11-12 | Prerequisites: Chemistry-Honors with a grade of B- or above Concurrent or Previous enrollment in Algebra II – Honors with a grade of B- or above

This second year chemistry course is taught at a college level from a college text. It consists of instructional based activities correlated with labs. Some independent and group research and presentation are required. In addition to general chemistry, which corresponds to freshman college chemistry, some organic chemistry and biochemistry will be covered.

**This course is available for college credit through the University of Evansville Bridge Program.*

3060 - CHEMISTRY, AP/UE BRIDGE

Two Semesters, Grades 11-12 | Prerequisites: Chemistry – Honors with a grade of A- or above. Algebra II – Honors with a grade of A- or above.

This second year chemistry course is taught at a college level and from a college text. It is designed to be the equivalent of a college introductory chemistry course often taken by chemistry majors their first year of college. Some independent and group research will be required. This course covers the structure and states of matter, nuclear chemistry, types of reactions, kinetics, equilibrium, thermodynamics and descriptive chemistry, as well as other related topics.

**This course is available for college credit through the University of Evansville Bridge Program and all students are required to take the AP exam in the Spring*

3084H - PHYSICS, HONORS/UE BRIDGE

Two Semesters, Grade 11-12 | Prerequisites: Algebra II – Honors with a grade of B or above, Algebra II with permission of the instructor.

This algebra-based course is taught at a college level from a college textbook. It is intended to introduce students to the basic concepts of physics: kinematics, Newton's laws of motion, work and energy, wave motion, light, sound, and electricity. Understanding theory is the main goal of this course. Problem solving, laboratory experiments, and demonstrations reinforce this. Some independent research is encouraged.

**This course is available for college credit through the University of Evansville Bridge Program.*

3080 - PHYSICS, AP/UE BRIDGE

Two Semesters, Grade 11-12 | Prerequisites: Pre-calculus and Trigonometry with a grade of B+ or above or permission of the instructor.

Advanced Placement Physics is a course that follows The College Board's Advanced Placement course outline. This algebra based course is taught at a college level using a college textbook. Students must be able to synthesize solutions from the theory; thus, critical thinking skills and a strong algebra background are essential. The emphasis of this course will be placed on developing a proficiency in solving problems. Topics include kinematics; Newton's laws of motion; circular motion; work, energy, power & linear momentum; rotational motion; simple harmonic motion, waves, & sound; electrostatics and simple electrical circuits. Enrollment in calculus would be very useful, but not required.

**This course is available for college credit through the University of Evansville Bridge Program.*

3010 - ENVIRONMENTAL SCIENCE: GLOBAL PERSPECTIVE & SUSTAINABILITY

One or Two Semesters, Grades 11-12 | Prerequisites: Integrated Chemistry/Physics or Chemistry – Honors

This course is an environmental science course which is interdisciplinary by nature, incorporating material from biology, earth and space science, chemistry, and other sciences. This is an issues-driven course which will involve analysis of local, national, and global environmental questions. The course is offered in two, separate semesters. Semester 1 may include, but will not be limited to the study of: ecological footprints, sustainable development, feeding a growing population, responsible consumption, climate change, biodiversity. Semester 2 may include, but will not be limited to the study of: water pollution, population growth, sustainability, land use, biodiversity, and energy.

**This course supports the Global Awareness Objective*

3092 - ADVANCED SCIENCE: BOTANY

One Semester, Grades 11-12 | Prerequisites: Integrated Chemistry/Physics or Chemistry- Honors

This course explores the ecology and distribution of vascular plants from selected study areas. Introduction to botany, including classification, identification, morphology, anatomy, physiology, and diversity and herbarium techniques will be covered. This course includes lab and field experiences.

3092- ADVANCED SCIENCE: FORENSICS

One or Two Semesters, Grade 12 | Prerequisites: Integrated Chemistry/Physics or Chemistry – Honors

In Forensic Science, students will apply the principles and techniques of science to analyze crime scene evidence. Emphasis will be placed on laboratory techniques, scientific inquiry and communication skills, as well as aspects of the criminal justice system and the admissibility of evidence. Students must incorporate the use of technology, critical thinking and teamwork. Due to the nature of some of the subject matter, the course requires a high level of maturity and diligent class participation.

3092 - ADVANCED SCIENCE: ZOOLOGY

One Semester, Grades 11-12 | Prerequisites: Integrated Chemistry/Physics or Chemistry- Honors

This course is designed to enhance student understanding of the classification, anatomy and physiology of vertebrates in a comparative manner. Topics include vertebrate evolution, vertebrate development, and various body systems and their organs. Student dissection of various examples of vertebrates is required.

5276H - ANATOMY & PHYSIOLOGY, HONORS/UE BRIDGE (PENDING APPROVAL)

Two Semesters, Grades 11-12 | Prerequisites: Biology grade of B- or above for both semesters and ICP with a B- or better for both semesters or Chemistry – Honors

This course is offered as an introduction to the investigation of biological and chemical principles and concepts as they apply to the human body. Coursework will cover the structure, organization, and function of cells, tissues, organs, and organ systems. This challenging course is designed to prepare students for Human Anatomy and Physiology courses at the college level.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 SOCIAL STUDIES COURSES

1548 - WORLD HISTORY AND CIVILIZATION

Two Semesters, Grades 9-10

This course outlines the key events and developments of the past that influenced subsequent eras. A major focus of the course will be placed on how events of the past have shaped our world today. The emphasis will be on the people, places, events, and key factors shaping Asian, African, and pre-Columbian American culture as well. Students will practice skills for critical thinking, inquiry and research, and decision making that is necessary for full participation in a democratic society.

**This course supports the Global Awareness Objective.*

1612- WORLD HISTORY MODERN, AP

Two Semesters, Grades 10-12 | Prerequisites: Minimum GPA of a B+ and World History: Civilization

This challenging course takes a comprehensive look at World History, not merely political events, but overall themes like interactions between cultures and the impact of technology on people and their environment. More than studying history, this course offers students the opportunity to “do history” by analyzing events using the tools and evidence used by historians. Success in the modern economy requires an understanding of global connections, and so this course provides excellent preparation for any student planning to pursue a college degree in business or liberal arts. This course will prepare students for the end of the year Advanced Placement exam.

**This course supports the Global Awareness Objective.*

1572 - HUMAN GEOGRAPHY, AP

Two Semesters, Grades 9-12 | Prerequisites:

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio-economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Topics include: Geography Nature and Perspectives, Population and Migration, Cultural Patterns and Processes, Political Organization of Space, Agriculture, Food Production, and Rural Land Use, Industrialization and Economic Development, and Cities and Urban Land Use.

**This course supports the Global Awareness Objective.*

1542 - UNITED STATES HISTORY

Two Semesters, Grade 11

This course is a study of the growth and development of the United States in four major areas: studying Europeans entering into a strange new environment and responding to it; examining the foundation and development of a new nation during which most of the people lived and worked on farms; telling of a growing nation and its struggles for a place among nations of the world; and bringing the nation into the present day as a predominantly urban, consumer-oriented society with emphasis on its role as a world.

**This course is offered for dual credit through the University of Southern Indiana. By registering for this course, you give Memorial High School permission to release your transcript and test scores to USI for CAP (dual credit) to meet USI admission requirements.*

1540 - U.S. GOVERNMENT

One Semester, Grade 12

This course gives students a thorough knowledge and understanding of the American governmental system from the federal government down through local governing bodies. It provides a comprehensive treatment of the totality of our democracy, including its origins, development, principles, organization, and actual workings. Current issues and problems will be woven into the course to give practical application to the theories covered as well as to ensure their relevancy.

1560 - US GOVERNMENT & POLITICS, AP

One Semester, Grade 12 | Prerequisites: Minimum GPA of a B+AP

United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. This course fulfills the Government requirement for graduation. It will also be taught during 2nd semester in preparation for the AP exam.

1514 - ECONOMICS

One Semester, Grade 12

This course is a study of how our economic system functions. Topics such as the United States economic system, supply and demand, business organization, the stock market, and the Federal Reserve System are explored to help students with economic theory. A practical sense of economics is imparted by investigating housing, investments, credit, insurance, budgeting, and consumerism. Students submit written reports on consumerism, economic histories, and stock market investing.

1564 - MACROECONOMICS, AP

One Semester, Grades 12

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. Topics include: Basic Economic Concepts; Measurement of Economic Performance; National Income and Price Determination; Financial Sector; Stabilization Policies; and Economic Growth.

1538 - TOPICS IN HISTORY: THE 1960S

One Semester, Grades 10-12

This course will take an in-depth look at the period of U.S. History from the election of John F. Kennedy in 1960 through the resignation of Richard Nixon as a result of Watergate. Topics covered in the course will include, but not be limited to, media influence on the U.S., the Vietnam War, the counterculture movement, civil rights, the Great Society, and the Cold War. Course materials will include first-hand accounts of events, novels and other literature of the period, videos of events, and guest speakers whenever possible. Students will be expected to complete a semester written project as a major portion of their grade. After completing this course, students should have an understanding of the period of history, which has had the most immediate impact on the U.S. today.

**This course supports the Global Awareness Objective.*

1538 - TOPICS IN HISTORY: WORLD WAR II

One Semester, Grades 10-12

This class will analyze the global causes and consequences of WWII. This course will not only be studied as a series of battles, but more importantly as a global phenomenon that deeply affected all citizens and cultures. Students will be challenged with a cross-curricular variety of study. The course will include topics such as Art, Technology, Music and Propaganda associated with the time period with a special emphasis on Evansville's impact on WWII as well as a thorough investigation of the Holocaust. The class will contain a variety of opportunities for students to study the time period on a local, national and international level.

**This course supports the Global Awareness Objective.*

1532H - PSYCHOLOGY, HONORS

One Semester, Grades 11-12 | Prerequisite: Overall GPA of B+ or above

Since 1900, psychologists have discovered a vast number of facts and developed a variety of theories about behavior, human development, and mental processes. Students will be introduced to the terms and concepts psychologists use, come to an understanding of the significance of psychological findings in their own lives, and learn how to apply this information to specific situations.

**This course is offered for dual credit through the University of Evansville. By registering for this course, you give Memorial High School permission to release your transcript and test scores to UE to meet UE admission requirements.*

1534 - SOCIOLOGY

One Semester, Grades 10-12

This course includes the study of human behavior in groups, the structure of society, and societal evolution. Emphasis is given to the social structure of the United States. Investigation into the causes and effects of social change is made. Emphasis is also given to the definition and explanation of important sociological terms and concepts such as functionalism, subculture, poverty, social psychology, inequality, and social statistics.

**This course supports the Global Awareness Objective.*

1518 - INDIANA STUDIES

One Semester, Grades 10-12

Indiana Studies is an integrated program comparing and contrasting state and national development 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. Students acquire motivation to participate in the political process as concerned citizens. This course also includes the study of state and national constitutions from an historical perspective and as a current foundation of government. The examination of individual leaders and their roles in a democratic society will be included. Selections from Indiana arts and literature may also be analyzed for insights into historical events and cultural expressions.

1516 - ETHNIC STUDIES (ONLINE COURSE)

One Semester, Grades 10-12

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.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 WORLD LANGUAGE COURSES

2000 - CHINESE I

Two Semesters, Grades 9-12 | Prerequisite: English grade of C or above

Chinese I, a course based on Indiana's Academic Standards for World Languages, introduces students to effective strategies for beginning Chinese language learning, and to various aspects of Chinese-speaking culture. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write simple sentences using characters. This course also emphasizes the development of reading and listening comprehension skills, such as recognizing letters and sounds of familiar words and comprehending brief oral directions. Additionally, students will examine the practices, products and perspectives of Chinese speaking culture; recognize basic routine practices of the target culture; and recognize and use situation appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding Chinese language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2002 - CHINESE II

Two Semesters, Grades 9-12 | Prerequisite: Chinese I

Chinese II, a course based on Indiana's Academic Standards for World Languages, builds upon effective strategies for Chinese language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to make and respond to requests and questions in expanded contexts, participate independently in brief conversations on familiar topics, and write sentences and descriptions using characters. This course also emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning and recognizing words and characters through stroke order and stroke count. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation. Additionally, students will describe the practices, products and perspectives of Chinese-speaking culture; report on basic family and social practices of the target culture; and describe contributions from the target culture. This course further emphasizes making connections across content areas and the application of understanding Chinese language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2004 - CHINESE III

2 Semesters, Grades 11 – 12 | Prerequisite: Chinese II with an average C or above/each semester

Chinese III, a course based on Indiana's Academic Standards for World Languages, builds upon effective strategies for Chinese language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course encourages interpersonal communication through speaking and writing, providing opportunities to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write simple paragraphs using characters. This course also emphasizes the continued development of reading and listening comprehension skills, such as using radicals, stroke order, and stroke count to guess meaning. Students will address the presentational mode by presenting student- created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation. Additionally, students will continue to develop an understanding of Chinese speaking culture through recognition of the interrelations among the practices, products and perspectives of the target culture; discussion of significant events in the target culture; and investigation of elements that shape cultural identity in the target culture. This course further emphasizes making connections across content areas as well the application of understanding Chinese language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2006 - CHINESE IV

2 Semesters, Grades 11 – 12 | Prerequisite: Chinese II with an average C or above/each semester

Chinese IV, a course based on Indiana's Academic Standards for World Languages, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop an understanding of Chinese-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student's own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the Chinese language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native Chinese speakers.

**This Course supports the Global Awareness Objective*

2080 - LATIN I

Two Semesters, Grades 9-12 | Prerequisite: English grade of C or above

Latin I, a course based on Indiana's Academic Standards for World Languages, introduces students to effective strategies for beginning Latin language learning, and to various aspects of classical Roman culture. This course emphasizes the development of reading and listening comprehension skills, such as reading isolated words and phrases in a situational context and comprehending brief written or oral directions. Though interpersonal communication is not an explicit emphasis of this course, opportunities may be provided for students to make and respond to basic requests and questions, understand and use appropriate greetings and forms of address, participate in brief guided conversations on familiar topics, and write short passages with guidance. Additionally, students will examine the practices, products and perspectives of classical Roman culture; recognize basic routine practices of the target culture; and recognize and use situation-appropriate non-verbal communication. This course further emphasizes making connections across content areas and the application of understanding Latin language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2082 - LATIN II

Two Semesters, Grades 9-12 | Prerequisite: Latin I with an average of C- or above each semester

Latin II, a course based on Indiana's Academic Standards for World Languages, builds upon effective strategies for Latin language learning by encouraging the use of the language and cultural understanding for self-directed purposes. This course emphasizes the development of reading and listening comprehension skills, such as using contextual clues to guess meaning and comprehending longer written or oral directions. Students will address the presentational mode by presenting prepared material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Though interpersonal communication is not an explicit emphasis of this course, opportunities may be provided for students to make and respond to requests and questions in expanded contexts, participate independently in brief conversations on familiar topics, and write cohesive passages with greater independence and using appropriate formats. Additionally, students will describe the practices, products and perspectives of classical Roman culture; report on basic family and social practices of the target culture; and describe contributions from the target culture. This course 227 Indiana Department of Education 2021-2022 High School Course Titles and Descriptions further emphasizes making connections across content areas and the application of understanding Latin language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2084 - LATIN III

Two Semesters, Grades 9-12 | Prerequisite: Latin II with an average of C- or above each semester

Latin III, a course based on Indiana's Academic Standards for World Languages, builds upon effective strategies for Latin language learning by facilitating the use of the language and cultural understanding for self-directed purposes. This course emphasizes the continued development of reading and listening comprehension skills, such as using cognates, synonyms and antonyms to derive meaning from written and oral information, as well as comprehending details written or oral directions. Students will address the presentational mode by presenting student-created material on a variety of topics, as well as reading aloud to practice appropriate pronunciation and intonation. Though interpersonal communication is not an explicit emphasis of this course, opportunities may be provided for students to initiate, sustain and close conversations; exchange detailed information in oral and written form; and write cohesive information with greater detail. Additionally, students will continue to develop understanding of classical Roman culture through recognition of the interrelations among the practices, products and perspectives of the target culture; discussion of significant events in the target culture; and investigation of elements that shape cultural identity in the target culture. This course further emphasizes making connections across content areas as well the application of understanding Latin language and culture outside of the classroom.

**This Course supports the Global Awareness Objective*

2120 - SPANISH I

Two Semesters, Grades 9-12 Prerequisite: English grade of C or above

Spanish I is a proficiency and standards-based course designed to encourage the students to use the language creatively from the outset. The integrative, communicative approach used allows the four language skills and culture to reinforce one another in an ever-widening spiral. At this level, listening and speaking are highlighted to give students a sense of accomplishment from the outset. A range of practice exercises progressing from mechanical to meaningful to communicative affords the students the opportunity to accomplish real tasks with the language. Spanish I uses various techniques and group activities in an effort to reach all students with their different levels of ability and interests. In this course, the students will be introduced to the pronunciation and intonation patterns, the basic grammatical structures and vocabulary. Cultural learning which is inseparable from the language, will present the Hispanic way of life, attitudes, and customs, which are integral parts of learning the Spanish language.

**This Course supports the Global Awareness Objective*

2122 - SPANISH II

Two Semesters, Grades 9-12 | Prerequisite: Spanish I with an average of C- or above each semester

Spanish II is a proficiency and standards-based course which begins with a systematic review and reinforcement of material learned in Spanish I. This course continues to use the integrative, communicative approach used in the first level Spanish course allowing the four language skills and culture to continue reinforcing one another. While the emphasis in Spanish 1 is on phonology, basic grammar and listening and speaking skills, Spanish II concentrates more on syntax, the expansion of vocabulary and grammar, and the receptive skills of reading and writing. The reading skill, perhaps the most durable of the language skills, is developed systematically, providing students with many opportunities to demonstrate their reading comprehension skills. The writing skill is developed along the same lines as the speaking skill. Students are required to move through a sequence of exercises, from mechanical to communicative. On this level, culture is not just dealt with in terms of facts but includes cultural analysis and appropriate behavior in terms of language use. Spanish 2 will continue to introduce various cultural aspects so that the students may come to better understand and appreciate the Spanish language, which is the core of Hispanic culture.

**This Course supports the Global Awareness Objective*

2124 - SPANISH III, UE BRIDGE

Two Semesters, Grades 10-12 | Prerequisite: Spanish II with an average C or above each semester

Spanish III is a proficiency and standards-based course which begins with a review focusing on basic, high frequency vocabulary and grammatical structures. The integrative, communicative approach used in the level one and two Spanish courses is continued in Spanish III, allowing students the opportunity for additional growth toward proficiency in the four language skills. Spanish III continues to concentrate on the syntax, the mastery and expansion of vocabulary and grammar, and the receptive skills of reading and writing and culture. Authenticity of expression is an essential part of the Spanish III, helping the students to develop a sense of social/contextual appropriateness. It is hoped that the students become more accepting and nonjudgmental of other cultures, that they become less ethnocentric about their culture, and that they come to understand the Hispanic civilization in its own context and in the reality of its present influence on our society.

**This course is available for college credit through the University of Evansville Bridge Program.*

**This Course supports the Global Awareness Objective*

2126 - SPANISH IV, UE BRIDGE

Two Semesters, Grades 10-12 | Prerequisite: Spanish II with an average C or above each semester

Spanish IV, a course based on Indiana’s Academic Standards for World Languages, provides a context for integration of the continued development of language skills and cultural understanding with other content areas and the community beyond the classroom. The skill sets that apply to the exchange of written and oral information are expanded through emphasis on practicing speaking and listening strategies that facilitate communication, such as the use of circumlocution, guessing meaning in familiar and unfamiliar contexts, and using elements of word formation to expand vocabulary and derive meaning. Additionally, students will continue to develop an understanding of Spanish-speaking culture through explaining factors that influence the practices, products, and perspectives of the target culture; reflecting on cultural practices of the target culture; and comparing systems of the target culture and the student’s own culture. This course further emphasizes making connections across content areas through the design of activities and materials that integrate the target language and culture with concepts and skills from other content areas. The use and influence of the Spanish language and culture in the community beyond the classroom is explored through the identification and evaluation of resources intended for native Spanish speakers.

**This course is available for college credit through the University of Evansville Bridge Program.*

**This Course supports the Global Awareness Objective*



REITZ MEMORIAL HIGH SCHOOL

2023/2024 ENGINEERING COURSES

4802 - INTRO TO ENGINEERING DESIGN

One Semester, Grades 11-12 | Prerequisite:

Introduction to Engineering Design is a fundamental pre-engineering course where students become familiar with the engineering design process. Students work both individually and in teams to design solutions to a variety of problems using industry standard sketches and current 3D design and modeling software to represent and communicate solutions. Students apply their knowledge through hands-on projects and document their work with the use of an engineering notebook. Students begin with completing structured activities and move to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Ethical issues related to professional practice and product development are also presented.

5644 - PRINCIPLES OF ENGINEERING

One Semester, Grades 11-12 | Prerequisite: Intro to Engineering Design

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 provide 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, CAD software, and production systems in developing and presenting solutions to engineering problems. Schools may use the PLTW curriculum to meet the standards for this course.



REITZ MEMORIAL HIGH SCHOOL

2023/2024 MULTIDISCIPLINARY COURSES

0552 - AP SEMINAR

Two Semesters, Grades 10, 11 | Prerequisites: GPA of 3.5 or 3.0 with recommendation, student should be highly motivated and be able to work independently

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

0551 - AP RESEARCH

Two Semesters, Grades 10, 11 | Prerequisites: GPA of 3.5 or 3.0 with recommendation, student should be highly motivated and be able to work independently

AP Research is the second year foundational interdisciplinary course that is unique to the AP Capstone diploma program. AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. In the AP Research course, students further their skills acquired in the AP Seminar course by understanding research methodology; employing ethical research practices; and accessing, analyzing, and synthesizing information as they address a research question. Students explore their skill development, document their processes, and curate the artifacts of the development of their scholarly work in a portfolio. The course culminates in an academic paper of approximately 4000–5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

0502 - CADET TEACHING

One Semester, Grade 12 | Prerequisite: Overall GPA of B- (2.66) or above

Cadet teaching is open to seniors who have a serious interest in becoming teachers. The cadet works one block every other day under the supervision of a teacher, observes classes at grade levels K-12, and completes projects approved by the supervising teacher and the high school supervisor. Due to limited space, students will need to show their interest in teaching as a career. Before registering for this class, a letter of application must be submitted to the high school supervisor.

0530 - CAREER EXPLORATION INTERNSHIP

One Semesters, Grade 12

Career Information and Exploration provides students with opportunities to learn about themselves and about various traditional and nontraditional occupations and careers. Students also gain an awareness of the type of occupational preparation or training needed for various occupations and careers. Students develop skills in: (1) employability, (2) understanding the economic process, and (3) career decision making and planning. Opportunities are provided for students to observe and participate in various job situations through opportunities such as field trips, internships, mock interviews, and guest speakers. Resume development experience and career-related testing are also provided to students.

0000 - STUDY BLOCK

One or Two Semesters, Grades 9 – 12

Study Block is a non credit offering. Students who enroll in a Study Block will be required to study independently or in small groups. Peer and staff tutoring will be available upon request. This block is designed for students who are struggling academically and need assistance with time management. The scope of the Study Block will range from assistance with a specific assignment to guiding students through the process of becoming self-directed learners.