

HOLY REDEEMER HIGH SCHOOL

COURSE OF STUDIES

2026-2027 SCHOOL YEAR



Mr. Colin Martinson, Principal
Mrs. Kelsey Barrett, Vice Principal for Academics
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Mr. Noah Scinto, Director of Religious Formation
Mrs. Cassandra Miller, Director of Guidance

Holy Redeemer High School

Holy Redeemer High School Course Request Policies and Procedures

2026-2027 School Year

- **Electives**
 - Elective course requests are not guaranteed.
 - Courses that do not receive sufficient enrollment may not be offered.
 - Due to the complexity of the master schedule, not all combinations of requested courses can be accommodated.
 - If a student cannot be enrolled in their first-choice elective, placement will be made in an alternate selection.
- **Honors Level Courses**
 - Students currently enrolled in an Honors level course must maintain a minimum final year-end average of 85 to remain in the honors level course within that discipline.
 - Students who do not maintain a minimum final year-end average of 85 in an Honors course will be recommended for placement in a College Preparatory course within that discipline.
 - Students currently enrolled in a College Preparatory (CP) course who wish to enroll in an Honors course must achieve a minimum final year-end average of 90.
- **College Preparatory Courses**
 - Students currently enrolled in a College Preparatory (CP) course must maintain a minimum final year-end average of 75 to remain in a College Preparatory course within that discipline.
 - Students who do not maintain a 75 final year-end average in a College Preparatory course will be recommended for placement in a Modified College Preparatory (Themes or Concepts) course within that discipline.
 - Students currently enrolled in a Modified College Preparatory course wishing to move to a College Preparatory course must achieve an average of 90 or better.
- **Advanced Placement Courses**
 - In order to enroll in an Advanced Placement (AP) course, students must achieve a minimum average of 93 in the Honors course within the same discipline or a minimum average of 88 in an AP course within the same discipline.
 - AP Chemistry and AP Physics classes also require a minimum average of 93 in honors math.
 - Academic waivers may not be used to enroll in any Advanced Placement (AP) course.
 - Advanced Placement courses require significant academic commitment both in and out of the classroom in preparation for the AP examination. Students and families should carefully consider overall workload and extracurricular commitments when selecting multiple AP courses.
- **Course Waivers**
 - If a student's final year-end average is within five (5) percentage points of the required minimum for course eligibility, a parent/guardian may sign an academic waiver allowing the student to enroll in the higher-level course.
 - An academic waiver may be utilized no more than once per subject area during a student's high school career.
 - No more than two academic waivers may be utilized within a single academic year.
 - Once a waiver is signed and the course has begun, the student may not be transferred out of the course.
 - Academic waivers may not be used to enroll in Advanced Placement (AP) courses or in any course for which prerequisite requirements have not been met.

Theology Department

162 Christian Service

Required of all students as part of Christian life and the grade level Theology course.

For the Christian, service is at the core of the Gospel message of Jesus. We are one with Jesus when we serve Him through the needs of our brothers and sisters. We use this in the example that Jesus gave His disciples when He washed their feet. He told them “As I have done, so you must do.” The students are called to that same mission. Their service allows them to explore the relationship between service and the Christian Faith. It helps to establish priorities in living out Gospel values.

Seniors are required to complete 40 hours of service. Underclassmen are required to complete a minimum of 20 hours each year, with at least 5 hours served each quarter. All students are encouraged, but not required, to try and do 3 of their hours of service to a church or place of worship.

112 Theology 1

1 credit

level 3

The purpose of the Freshman theology course is to give students a general knowledge and appreciation of the Sacred Scriptures. In the course students will learn about the Bible, authored by God through inspiration, and its value to people throughout the world. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

In addition, students will be introduced to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. Through this course, students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, students will also explore who he calls them to be. *Refer to 162 Christian Service.*

122 Theology 2

1 credit

level 3

The sophomore Theology course guides students to understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

In addition, students will develop appreciation for the sacred nature of the Church. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living body of Christ today, with both divine and human elements. *Refer to 162 Christian Service.*

132 Theology 3

1 credit

level 3

Junior Theology affords the student the opportunity to engage in a study of how “Faith leads to action” as found in James 2:16. Students will examine the moral concepts and precepts that govern the lives of Christ’s disciples and will come to understand that it is only through Christ that they can fully live out God’s plans for their lives.

Additionally, the course helps students understand that they can encounter Christ today in a full and real way in and through the sacraments and the Eucharist. The course begins with an introduction to moral and ethical life, drawing upon the teachings of both the Old and New Testament Scriptures as well as the Catechism of the Catholic Church. *Refer to 162 Christian Service.*

142 Theology 4**1 credit****level 3**

Senior Theology presents a catechesis of the Church and the Body of Christ in history: its nature and meaning, images, marks, life and ministry, guide to moral life, and the role of prayer. The course is designed to supply the students with a general knowledge of the Church's history from apostolic times to the present. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him throughout history through the Holy Spirit. Students will explore the Church's 2,000 years of history along with the government of the Church by the successors to the Apostles.

Additionally, the Theology 4 course will introduce students to the Church's social teaching. In this course, students are to learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. *Refer to 162 Christian Service.*

English Department

201 Freshman Seminar**1 credit****level 2**

This year-long required course for freshmen is a foundational course designed to support students in the transition to high school and to equip them with the academic habits and intellectual skills necessary for long-term success. The course emphasizes executive functioning, organization and time management, study strategies, written and verbal communication, critical and creative thinking, and personal accountability. The course culminates in a Capstone Project in which students synthesize the skills developed throughout the year through research, written reflection, and oral presentation.

215 Themes in Classic Literature**1 credit****level 1**

Students are offered a course which dwells on an appreciation of a sampling of classic literary works. A study of Greek and Roman mythology, fables, Shakespeare's *Romeo and Juliet*, and an examination of basic literary terms which apply to classical and modern writings will be emphasized.

216 Classic Literature**1 credit****level 2**

Students enrolled in this college preparatory course will examine writings of Greek writers as a way of complimenting the historic/cultural study which freshmen undertake. They will read *Antigone*, and selections from mythology. They will also study Shakespeare's *Romeo and Juliet*. Additionally, more contemporary literary works will be included to ensure that students have a fundamental knowledge of the basic literary terms necessary for understanding modern literature. The modern novel, short stories and poetry will be included in their studies. In addition, students will study aspects of grammar not included in the Freshman Grammar Course.

217 Honors Classic Literature**1 credit****level 3**

Students will be introduced to classical writings which correspond to their studies in Ancient Civilization and their study of Latin. The works include Sophocles' *Antigone*, Shakespeare's *Romeo and Juliet* and an introduction to mythology. Other literary works will be included to ensure that students have a fundamental knowledge of the basic terms necessary for a clear understanding of classic and modern literature. The modern novel, short stories and poetry will be included in their studies. In addition, teachers will determine the needs of the students regarding grammar skills which are essential to improve writing and for success on the SAT's.

- 221 Themes in American Literature** **1 credit** **level 1**
This course is designed to give the student an appreciation for the works of America's greatest writers. Modern poetry, novels, and short fiction will be emphasized. Grammar study will focus on the skills students need to improve their writing.
- 222 American Literature** **1 credit** **level 2**
This course presents a chronological study of American Literature. In addition to classroom discussion, writing skills will also be emphasized to examine critically the fiction and poetry of America. A continuing vocabulary program and a study of sentence structure, verbals, punctuation, and the parts of speech are also included.
- 223 Honors American Literature** **1 credit** **level 3**
Students will undertake an in depth study of American Literature from the time of the early settlers to the present day. Emphasis is placed on the study of America's major writers. Numerous novels will be critically examined. A grammar review will include sentence structure, the parts of speech, and verbals.
- 231 Themes in British Literature** **1 credit** **level 1**
This course offers a general study of Britain's principal authors. An emphasis is placed on improving reading, comprehension, and writing skills. A general grammar review is also included.
- 232 British Literature** **1 credit** **level 2**
This is a college preparatory course for juniors which serves as a chronological survey of British literature from the Anglo-Saxon period to the present. Periods to be studied include Anglo-Saxon, Medieval, Elizabethan, Jacobean, Puritan, Restoration, Age of Pope and Johnson, Romantic, Victorian, and Modern. Students will also learn how to read and write critically about literature. A Shakespearean work will also be studied.
- 233 Honors British Literature** **1 credit** **level 3**
This course for juniors presents a chronological study of the major periods in English literature. The student is introduced to the Anglo-Saxon Era, Medieval English, the Elizabethan Age, the Neo-Classical Period, the Romantic Revolt, the Victorian Age, and Twentieth Century British Literature. A minimum of four novels/plays will be covered in depth.
- 241 Themes in World Literature** **1 credit** **level 1**
Practical experience dealing with communication and appreciation of the world's outstanding writers is stressed. The forms of literature that are studied include poetry, the novel, the short story, drama, and the essay. Students will also review the basic principles of grammar as they apply to effective writing.
- 242 World Literature** **1 credit** **level 2**
This course offers the student an overview of the classics of World Literature in a varied collection of drama, poetry, fiction, and nonfiction from across the centuries and around the world. Representative Classical, Medieval, Renaissance, Neoclassical, Romantic, Victorian, and Modern literature includes selections from Greece, Italy, Russia, Germany, France, Spain, England, and America.

- 243 Honors World Literature** **1 credit** **level 3**
Students will display advanced reading, interpretive, and critical thinking skills as they examine works from the world's most famous authors. The works selected reflect the writing styles and cultures of writers/philosophers from Ancient Greece to Modern America. Students will analyze various literary genres including the novel, drama, epic poetry, the essay, short fiction, biblical literature, philosophy, and poetry.
- 244 AP Literature and Composition** **1 credit** **level 4**
This course provides the student with the opportunity to study closely many of the challenging and complex works included in the AP Course of Studies. The primary emphasis will be placed on the student's ability to write clearly and coherently, as well as with some insight and critical awareness concerning the works read and discussed in class. Discussions should stimulate the intellect and force the student to think critically about major issues. Students will be required to take the AP English Literature exam.
- 262 Rhetoric and Research** **1 credit** **level 2**
This course is a primer focused on the student's ability to develop a coherent argument, whether it is an oral presentation, a structured speech, or a written essay. Students will come to understand the importance of studying the rhetorical situation of a text and will be expected to use the most effective means of persuasion in speech and writing. Required for juniors, this course will also include a research paper element that will address the major requirements of the Modern Language Association (MLA) format.
- 267 Honors Rhetoric** **1 credit** **level 3**
This course will analyze persuasive arguments from the greatest thinkers throughout history, covering both classical and contemporary writers and orators. Students will develop their ability to critically examine formal arguments in written, oral, and visual forms through the lens of the rhetorical appeals and the rhetorical situation. An MLA research paper will be a requirement of the course. Students will also be required to do formal recitations of varying lengths. This course is a prerequisite for AP Literature and Composition.
- 266 Literature and Film** **1 credit** **level 2**
This course focuses on the characteristics of the novel and film. The students will read and analyze literary works and the film adaptations of selected novels and plays. Each piece of literature will be chosen for its literary merits and also for the quality of the film adaptation of that work. Film terms and movie-making processes will be identified so that students will have a foundation for evaluation and analysis.
- 272 Journalism** **1 credit** **level 2**
This course develops disciplined skills in journalistic writing and production. Students are guided in the process of improving their ability to convey ideas and impressions and to determine facts. Research, observation, and evaluation of the media and media technology are stressed. Topics include news, features, editorials, sports writing, and production; the history, ethics, and laws of journalism, print design, editorial management, and career opportunities. In connection with workshop experience, work on journalistic productions may be included.

278 Writing 1 credit level 2

This semester-long writing course will focus on the student's ability to produce clear, coherent paragraphs. The mechanics of writing such as topic sentences, appropriate punctuation, agreement, and style will be taught throughout the course. Students will eventually work on five-paragraph essays to display their progress.

Corequisite 378 Logic or 379 Honors Logic

279 Honors Writing 1 credit level 3

This semester-long writing course will focus on the student's ability to produce clear, coherent paragraphs. The mechanics of writing such as topic sentences, appropriate punctuation, agreement, and style will be taught throughout the course. Students will move to five-paragraph essays more quickly than the general level of the course and will also focus more specifically on style.

Corequisite 378 Logic or 379 Honors Logic

282 Honors Short Fiction/Creative Writing 1 credit level 3

The Study of Short Fiction and Creative Writing is an elective available to juniors and seniors. This dual perspective course is designed for students who have an interest in both short story genre and imaginative writing. The first semester is an intensive study of short fiction exploring the elements of fiction, literary devices and techniques, and various writing styles. The second semester challenges students to transition from reader to author. Students will utilize inspiration drawn from the published works studied to create original short fiction, following the writing process from inception of an idea to polished final draft. Class requirements include a desire to read, strong writing skills, self-motivation, self-discipline and the ability to meet deadlines.

286 Honors Shakespearean Studies 1 credit level 3

This elective course, open to seniors, offers an in-depth study of William Shakespeare's works not covered in other English courses. Students will examine selected plays from Shakespeare's four major periods, including comedies, tragedies, and histories, as well as a selection of sonnets. Emphasis will be placed on literary analysis, dramatic structure, thematic development, and the enduring relevance of Shakespeare's characters and ideas in modern society. Through close reading, discussion, written analysis, and performance-based activities, students will develop advanced interpretive and critical thinking skills while exploring Shakespeare's lasting influence on literature and culture.

292 Graphic Novel Studies 1 credit level 2

This course is a college prep level course designed to explore one of the world's greatest storytelling media. Throughout this course, students will learn how to read a graphic novel, how to understand its content, and how to examine and interpret the graphic artwork that enhances the story. Students will be asked to compare how a story might be read differently when read in its actual novel form versus its graphic novel form.

Math and Computer Science

301 Concepts of Algebra

1 credit

level 1

This course is designed to introduce the concepts of Algebra and provide practice with improving arithmetic skills. Practice in problem solving and mathematical reasoning is emphasized. Content is presented with a focus on techniques leading to solving a variety of algebraic equations.

303 Honors Geometry

1 credit

level 3

This course is an accelerated study of the area of geometry. Deductive and Inductive Reasoning are used to develop direct and indirect proofs. Right triangles, circles, similar figures, area, volume, and coordinate geometry are studied in depth. Problem solving is interwoven throughout the course. In addition, the course provides a solid foundation for the study of trigonometry and calculus.

Freshmen are eligible for this course by achieving a qualifying score on the math placement exam and completing Algebra 1 in 8th grade.

Sophomores may take the course by excelling in Math 312 Algebra 1.

TI-30 calculator recommended but not required.

312 Algebra 1

1 credit

level 2

This course is an organized approach to the ideas and concepts of algebra. Content is presented on various levels to permit students who had difficulty in previous math courses to achieve success. The emphasis is placed on effective procedures in problem solving, and the communication of student reasoning, orally, and in writing. This facilitates student confidence and fosters an appreciation for mathematics as it relates to the world.

321 Concepts of Geometry

1 credit

level 1

This course is designed to review and strengthen arithmetic and algebraic skills. Upon reaching this objective, these skills will be utilized in a variety of geometric applications with a continual review of algebra. *TI-30 calculator recommended but not required.*

322 Geometry

1 credit

level 2

This course emphasizes the nature of deductive reasoning, discovering proofs and practice in inductive reasoning. A strong relationship between Algebra and Geometry is established through the application of theorems and postulates dealing with right triangles, circles, similar figures, and coordinate Geometry. Also, the applications in plane geometry are extended to solid Geometry.

TI-30 calculator recommended but not required.

331 Intermediate Algebra

1 credit

level 1

This course continues the study of algebraic topics, which include operations with real numbers, simplifying polynomials, equations with one variable, factoring polynomials, simplifying powers, and simplifying rational expressions.

333 Honors Pre-Calculus

1 credit

level 3

This course begins with a review of coordinate geometry and linear and quadratic functions. Polynomial equations and inequalities are discussed at length. Basic objectives include systematic problem solving, drawing graphs of higher degree equations, and finding equations of certain curves. The study of exponents, logarithms, and conics is also included. The concepts of elementary trigonometry are expanded to include identities, equation solving, graphs of functions, and the solutions of triangles.

TI-84 calculator is used extensively. (TI-84 may be borrowed from HRHS free of charge - if necessary.)

343 Honors Calculus/Analytic Geometry 1 credit level 3

This course is designed to benefit those who may be required to take Calculus as part of their college curriculum. Topics include a study of limits, derivatives, and integrals. Applications of these topics are extended to the areas of Analytic Geometry, Trigonometry, Physics, Business, and Economics. *TI-84 calculator is used extensively. (TI-84 may be borrowed from HRHS free of charge - if necessary.)*

Prerequisite: 346 Trigonometry/Pre-Calculus or 333 Honors Pre-Calculus

344 AP Calculus 1 credit level 4

This course presents an intense study of the notion of limits and the limiting process. From the study of limits arise two of the most important topics of Calculus: derivatives and integrals. This course provides a sound background for students who are interested in a math or science major. Students will be required to take the Advanced Placement Calculus exam. *TI-84 calculator is required. (TI-84 may be borrowed from HRHS free of charge - if necessary.)*

Prerequisite: 333 Honors Pre-Calculus

345 Math Concepts 1 credit level 1

This course, available to seniors, will review fundamental arithmetic and algebra processes learned during the high school math courses. There will also be a discussion of applied, consumer, business and practical math. *TI-30 calculator recommended but not required.*

346 Trigonometry/Pre-Calculus 1 credit level 2

In the trigonometry part of the course students will study trig functions and their graphs (with changes in period and amplitude), identities, inverses, simple trig equations, right triangle and oblique triangle problem solving. Pre-Calculus topics include the study of functions, graphs of functions, transformation and combinations of functions, composite and inverse functions, as well as an introduction to sequences and series. Calculator required *TI-30 calculator recommended but not required*

373 Honors Algebra 2/Trig. 1 credit level 3

This course offers a development of the structure of the real and complex number systems. Students will learn to simplify expressions and solve equations including but not limited to polynomials, radicals, and complex fractions. Emphasis is placed on abstract thinking and multiple representations of relations (graph, function, table, etc.). Algebra 2 is expanded in the fourth quarter with an exploration of trigonometric ratios and functions and their relation to the unit circle. *TI-30 calculator recommended but not required.*

374 AP Statistics 1 credit level 4

The purpose of this course is to prepare students to use the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data by describing patterns and departures from patterns, planning and conducting a study through sampling and experimentation, anticipating patterns by exploring random phenomena using probability and simulation, and estimating population parameters and testing hypotheses using statistical inference. All students will be required to sit for the AP Statistics Examination in May. *TI-84 calculator is required. (TI-84 may be borrowed from HRHS free of charge - if necessary.)*

376 Statistics/Finite Math**1 credit****level 2**

This course is designed for seniors who may not have an interest in studying Calculus as they prepare for college. The course begins with a study of math topics such as linear equations and inequalities, systems of linear equations and inequalities, matrices, programming (non-computer) with two variables, and a survey of finance topics, which could include interest, compound interest, amortization and annuities, and continues with the study of statistics topics such as permutations, combinations, probability using counting technique, Bayes' Theorem, dispersion, distribution, and logic.

TI-30 calculator recommended but not required.

378 Logic**1 credit****level 2**

The logic course, a semester course for sophomores, will present techniques for solving various word problems and will cover the basic principles and methods of valid reasoning. Problem solving strategies will include the application of accurate reading methods, the creation and use of logical plans, process justification, and solution checking. Problem solving skills will develop through the understanding of the parts of a problem. These include estimating solutions, using charts and tables, recognizing patterns, transforming formulas, sketching to visualize information, and maintaining previously learned math skills. This course is intended for students enrolled in Geometry.

Co-requisite 278 Writing or 279 Honors Writing

379 Honors Logic**1 credit****level 3**

In addition to the skills covered in the logic course, the honors logic course will offer more challenging word problems in order to prepare students for the Math section of the SAT and PSAT. This course is intended for students who are enrolled in Honors Algebra II/Trig.

Co-requisite 278 Writing or 279 Honors Writing

382 Algebra 2**1 credit****level 2**

This course continues to build a solid foundation of algebraic skills and concepts. Topics include the number system, linear relationships, polynomials and factoring, equations and inequalities, and functions and graphs. *TI-30 calculator recommended but not required.*

395 Introduction to Computer Science**1 credit****level 2**

This course provides students with a foundation in computer science principles, programming logic, and problem-solving skills. Students will explore fundamental coding concepts using the beginner-friendly programming languages of Python and BASIC, while also learning about algorithms, data structures, and computational thinking.

396 Advanced Programming**1 credit****level 3**

Building on the foundations of introductory computer science, this course delves deeper into programming languages, software development, and algorithmic problem-solving. Students will learn object-oriented programming (OOP) concepts using languages such as Java and C++, explore data structures, and develop efficient coding techniques. Projects will emphasize real-world applications, including app development and automation.

Prerequisite: 395 Introduction to Computer Science

397 Game Design and Development**1 credit****level 3**

This course introduces students to the fundamentals of game design and interactive media development. Using industry-standard tools such as Unity and C#, students will create their own games while learning about game physics, artificial intelligence, animation, and user experience. Students will develop a portfolio of games and applications.

Prerequisite: 395 Introduction to Computer Science and 396 Advanced Programming

398 Web Design and Development**1 credit****level 3**

Students will learn the principles of web development, including HTML, CSS, and JavaScript, to create dynamic and responsive websites. The course covers user experience (UX) design, accessibility, and front-end development, with an introduction to back-end technologies. Students will complete hands-on projects to build and publish fully functional websites, preparing them for further study in web and software development.

Prerequisite: 395 Introduction to Computer Science and 396 Advanced Programming

852 Accounting**1 credit****level 2**

This course provides a thorough introduction to the basic principles of accounting. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision-making purposes. Both manual and computerized accounting skills are taught. Automated accounting procedures will be introduced to give students hands-on experience in using computers to solve accounting problems. This course is valuable for all students, especially those who plan to study business, marketing, or management in college.

868 Sports Math**0.5 credit****level 3**

This course explores mathematical concepts through the lens of sports, providing students with real-world applications in athletics, performance analysis, and strategy. Topics include statistics in sports performance, probability in game outcomes, geometry in field and court design, and algebra in scoring models and player rankings. Students will analyze data, make predictions, and explore mathematical decision-making used in coaching and sports management.

Co-requisite: 968 Sports Psychology

Science Department

Basic Scientific Calculators are required for all Chemistry and Physics classes.

401 STEM Foundations**0.5 credits****level 2**

This course introduces students to core principles of science, technology, engineering, and mathematics through inquiry-based and hands-on learning experiences. Students will engage in structured problem-solving activities that emphasize analytical thinking, collaboration, and real-world application.

Topics may include introductory engineering design challenges, data analysis, computational thinking, and applied scientific investigation. The course encourages curiosity, precision, and perseverance in approaching complex problems.

412 Biology**1 credit****level 2**

This course provides a comprehensive study of life science, covering cellular processes, heredity, evolution, biodiversity, and ecological systems. Students engage in laboratory investigations, data analysis, and critical thinking exercises to deepen their understanding of biological principles. The course emphasizes connections between biology and real-world challenges, such as sustainability and human health.

- 413 Honors Biology** **1 credit** **level 3**
This rigorous course explores biological concepts in depth, emphasizing analytical thinking, scientific inquiry, and problem-solving. Students investigate cell biology, genetics, evolution, ecology, and physiology through advanced laboratory experiments. This course prepares students for AP Biology or other advanced science coursework.
- 421 Concepts of Biology** **1 credit** **level 1**
This course introduces students to fundamental biological. Topics include cell structure and function, genetics, evolution, ecosystems, and human biology. Emphasis is placed on real-world applications, hands-on activities, and foundational scientific skills. This course is designed for students who benefit from a structured, guided approach to scientific concepts and processes.
- 422 Chemistry** **1 credit** **level 2**
This rigorous course is designed for students seeking an in-depth understanding of chemistry, preparing them for advanced science courses such as AP Chemistry. Topics include atomic and molecular structure, kinetics, equilibrium, acids and bases, thermodynamics, and electrochemistry. Students will engage in extensive laboratory work, mathematical modeling of chemical processes, and scientific inquiry, developing skills in experimental design, data analysis, and complex problem-solving.
- 423 Honors Chemistry** **1 credit** **level 3**
This rigorous course is designed for students seeking an in-depth understanding of chemistry, preparing them for advanced science courses such as AP Chemistry. Topics include atomic and molecular structure, kinetics, equilibrium, acids and bases, thermodynamics, and electrochemistry. Students will engage in extensive laboratory work, mathematical modeling of chemical processes, and scientific inquiry, developing skills in experimental design, data analysis, and complex problem-solving.
- 431 Concepts of Chemistry** **1 credit** **level 1**
This course introduces fundamental chemistry concepts with an emphasis on practical applications and foundational skills. Students will explore atomic structure, the periodic table, chemical reactions, bonding, and states of matter through hands-on activities, demonstrations, and guided experiments.
- 432 Physics and Engineering** **1 credit** **level 2**
This lab-based course integrates physics principles with engineering applications, providing a hands-on approach to understanding forces, motion, and energy. Topics include Newton's Laws, momentum, work and power, energy transformations, waves, electricity, and magnetism. Students will apply engineering design principles to solve real-world problems through hands-on experimentation and data-driven analysis. By exploring applied physics and engineering fields, students will develop problem-solving skills essential for STEM careers.
- 433 Honors Physics and Engineering** **1 credit** **level 3**
This math-intensive course blends advanced physics concepts with engineering problem-solving. Students will explore mechanics, wave theory, electricity & magnetism, thermodynamics, and nuclear physics, while also engaging in hands-on engineering challenges. Emphasis is placed on analyzing forces, applying mathematical models, and developing solutions through experimentation and engineering design. This course prepares students for advanced STEM coursework and careers in engineering, physics, and technology.

- 452 Biology 2** **1 credit** **level 2**
This course offers an expanded study of specific biological areas of interest and extensive laboratory acquisition of biological knowledge. Examples of possible topics include methods of scientific research, anatomy and physiology, biological chemistry, evolution, plants, and modern genetics. Current scientific articles from a variety of sources are used in this class.
- 453 Honors Anatomy/Physiology** **1 credit** **level 3**
This course is designed for students with a strong interest in health care careers such as medicine, physical therapy, occupational therapy, and nursing. Topics will include biochemistry, cellular biology, tissues, the ten organ systems, as well as pathology and the disease process
- 454 AP Biology** **1 credit** **level 4**
This course is a highly demanding, college level course dealing with interrelationships of structure and function of living organisms, and stresses the interdependence of all levels of organization of life forms. Students taking this course will take the Advanced Placement Biology exam.
- 464 AP Chemistry** **1 credit** **level 4**
This is a highly demanding college level lab course designed for students who seek a science related career. Topics covered include analytical techniques, electrochemistry, nuclear chemistry, and organic chemistry. The lab will provide experience in quantitative and analytical approaches to problem solving. Students will take the Advanced Placement Chemistry exam.
Pre- or Co-Requisite: 333 Honors Pre-Calculus
- 473 AP Physics I** **1 credit** **level 4**
This is a highly demanding college level lab course. The course is Algebra based and will cover kinematics, dynamics, momentum, energy, centripetal motion, Newtonian gravity, rotational motion, mechanical waves, electrostatics, and DC currents.
Pre- or Co-Requisite: 333 Honors Pre-Calculus
- 474 AP Physics II** **1 credit** **level 4**
This is a highly demanding college level lab course intended for students interested in careers in science, engineering, or medical fields requiring college physics. The course will cover Einsteinian Physics (Modern Physics) including thermodynamics, Magnetism, AC Electricity, E-M Waves, Geometric Optics, Relativity and Quantum Particles. Students will take the Advanced Placement Physics exam.
Prerequisite: 473 AP Physics I
- 484 Natural Science** **1 credit** **level 2**
This course offers four different cross curricular/STREAM topics for college preparatory students. Topics include Pennsylvania life (Art); Meteorology (Math/Technology); a project based on energy, inventions, and scientists (Engineering/3D printing/Theology); and Landscaping (Art). This STREAM-based course offers both devoted class time and a “hands-on” approach to these topics
- 486 Earth and Climate Science** **1 credit** **level 2**
This course explores Earth's dynamic systems, including geology, oceanography, meteorology, and astronomy, with a special emphasis on climate science and environmental change. Students will investigate topics such as plate tectonics, weather patterns, natural disasters, and human impact on Earth's systems. Through hands-on activities, data analysis, and case studies, students will develop an understanding of Earth's past, present, and future, as well as the role of sustainability in shaping global and local environments.

496 Honors Earth and Climate Science 1 credit level 3

This advanced course provides an in-depth study of Earth's systems and climate science, integrating scientific research, data interpretation, and critical problem-solving. Students will explore geophysical processes, atmospheric and oceanic circulation, energy cycles, and climate modeling with an emphasis on predictive analysis and real-world applications. The course incorporates advanced quantitative methods, laboratory investigations, and current environmental issues, preparing students for further study in earth sciences, environmental policy, and sustainability fields.

Social Studies Department

501 Social Science Foundations 0.5 credits level 2

This course introduces students to the foundational principles of historical inquiry, civic engagement, and social analysis. Students will examine how societies are shaped by political, economic, cultural, and ethical influences.

Through the use of primary and secondary sources, discussion, and structured research activities, students will develop critical thinking skills and an understanding of responsible citizenship. Emphasis is placed on thoughtful analysis, communication, and evidence-based reasoning.

535 Themes in United States History 2 1 credit level 1

This course will focus on major events in American history from the Civil War era to the early 20th century. It will include such topics as the Civil War, Industrialism, the Spanish-American War, the Great Depression, and both World Wars. Written handouts, maps, and class discussions will be utilized to prompt student participation.

536 United States History 2 1 credit level 1

This course will focus on the social, political, economic, and cultural issues from the American Civil War to the early 20th century. Topics will include the American Civil War, the Gilded Age, Westward Expansion, the Age of Imperialism, the Progressive Movement, World War I, the 1920's, the Depression, the New Deal, and World War II. Students will use primary and secondary sources to further their understanding of these topics.

537 Honors United States History 2 1 credit level 3

This course provides students with the opportunity to study the events, trends, and philosophy of the people of the United States from the post-Civil War era to the early 20th century. Topics will include the American Civil War, the Gilded Age, Westward Expansion, the Age of Imperialism, the Progressive Movement, World War I, the 1920s, the Depression, the New Deal, and World War II. Special emphasis will be placed on the student's ability to analyze and think critically using primary and secondary sources. Students will form their own evidence-based interpretations of historical events using historical skills and defend those interpretations through writing and/or discussion.

544 AP US History**1 credit****level 4**

This course for juniors and seniors is an introductory college-level American history course. Students will investigate significant events, developments, and processes from approximately 1492 to the present. This course will cover political, economic, social, intellectual, and cultural developments in American history from Native American migration through the post-Civil War period to the present. Students will develop and use the same skills and methods historians employ in analyzing primary and secondary sources, developing historical arguments, making historical connections, and reasoning about comparison, causation, and continuity/change over time. Students are required to take the AP US History exam.

545 Themes in World History**1 credit****level 1**

This course will focus on the major events in the history of world civilizations, beginning at the time of the Renaissance and concluding with modern geography. Topics will include government struggles, the influence of religion on society, the impact of war on society, and the individual's response to historical events in world history. Written handouts, maps, and class discussions will be utilized to prompt student participation.

546 World History**1 credit****level 2**

This course will focus on major events in world history beginning with the Renaissance and concluding with modern geography skills. Within these topics, students will cover government struggles, the influence of religion on society, the impact of war on society, the role of ethics and morality, and the individual's response to historical events in world history. Students will use primary and secondary sources to further their understanding of these topics.

547 Honors World History**1 credit****level 3**

This course provides students with the opportunity to study the following eras: the Renaissance, the Age of Exploration, the Enlightenment, the Industrial Revolution, World War I, World War II, the Cold War, and ending with a focus on modern geography. Within these topics, students will cover government struggles, the influence of religion on society, the impact of war on society, the role of ethics and morality, and the individual's response to historical events in world history. Students will be interacting with primary and secondary sources heavily through their individual research and direct instruction. Emphasis will be placed on their ability to analyze and think critically using those primary and secondary sources.

554 AP US Government and Politics**1 credit****level 4**

This course for juniors and seniors is an introductory college-level American government course. It gives students an analytical perspective on government and politics in the United States. This course includes both the study of both general and specific concepts used to interpret American politics. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute American politics. Topics include the Constitutional underpinning of the US government, political beliefs and behaviors, political parties, interest groups, mass media, institutions of national government, public policy, civil rights, and civil liberties. There will also be a focus on nine foundational documents pertinent to American government and politics. Students are required to take the AP US Government and Politics exam.

565 Psychology/Sociology 1 credit level 2

This semester-based course for sophomores, juniors, and seniors is designed to present students with a general overview of psychology and sociology. In the first semester, students will examine how psychologists generate hypotheses and theories about human behavior. The students will be exposed to the divisions of psychology. Basic theories in these areas will be covered, as well as the scientific procedures used by psychologists to originate such theories.

In the second semester, students will examine social phenomena from an academic perspective, looking for patterns of social interactions and how those social interactions influence human behavior. Through various methods, students will explore different sociological ideas from an educational perspective to develop their own social perspectives and critical thinking skills.

575 Themes in Civics and Government 1 credit level 1

This course focuses on the study of government, specifically emphasizing the United States government. Students will study the ways in which government is organized, controlled by people, and its functions. Topics will include an overview of the foundations of government, the Executive Branch, political parties and behavior, the Legislative Branch, the Judicial Branch, state and local governments, and an emphasis on constitutional amendments. Written handouts, graphic organizers, and class discussions will be utilized to prompt student participation.

576 Civics and Government 1 credit level 2

This course focuses on the study of government, specifically emphasizing the United States government. Students will study the ways in which government is organized, controlled by people, and its functions. Topics will include an overview of the foundations of government, the Executive Branch, political parties and behavior, the Legislative Branch, the Judicial Branch, state and local governments, and an emphasis on constitutional amendments. Students will study foundational documents such as the Constitution and the Declaration of Independence to further their understanding of government.

577 Honors Civics and Government 1 credit level 3

This course focuses on the study of government while challenging students to consider how the United States government plays a role in their lives. Students will study the ways in which government is organized, controlled by people, and its functions. Topics will include an overview of the foundations of government, the Executive Branch, political parties and behavior, the Legislative Branch, the Judicial Branch, state and local governments, and an emphasis on constitutional amendments. Students will analyze and apply principles found in the foundational documents, such as the Constitution and Declaration of Independence, and examine their scope and limitations on modern American society.

574 AP Psychology 1 credit level 4

This course for juniors and seniors is an introductory college-level Psychology course. It introduces students to the different research methods used in the field of psychology, the biological bases of behavior, foundations of cognition, the stages of development and learning, social psychology and personality, and mental and physical health. The course is designed to focus heavily on concept application, research methods and design, data interpretation, and argumentation. Students will also learn how to perform article analysis and claim justification using peer-reviewed scientific sources. Students are required to take the AP Psychology exam.

581 Modern American History 1 credit level 2

This course for sophomores, juniors, and seniors will focus on the social, political, economic, and cultural issues of the United States from the 1900s to the present. The course will begin with a review of topics from the end of US History II, including the Progressive Era, the Great Depression, and both World Wars. It will then transition into more contemporary American history with topics including the Cold War, the Civil Rights Era, Watergate, the Reagan Era, and the War on Terror. Students will use primary and secondary sources to further their understanding of these topics.

591 Honors Modern American History 1 credit level 3

This course for juniors and seniors provides students with the opportunity to study the events, trends, and philosophy of the people of the United States from the 1900s to the present. The course will begin with a review of topics from the end of US History II, including the Progressive Era, the Great Depression, and both World Wars. More contemporary American history will then be covered, including the Cold War, the Civil Rights Era, Watergate, the Reagan Era, and the War on Terror. Special emphasis will be placed on the student's ability to analyze and think critically using primary and secondary sources. Students will form their own evidence-based interpretations of historical events using historical skills and defend those interpretations through writing and/or discussion. Through their learning, students will draw connections between modern American values and the historical movements that birthed them.

Foreign Language Department

612 Spanish 1 1 credit level 2

This course presents and teaches Spanish as a means of communication within the context of the Spanish-speaking world and its culture. It will develop the four basic language skills: listening, speaking, reading, and writing. Primary emphasis is placed on comprehension and speaking through practical material which will help each student attain an acceptable degree of proficiency.

622 Spanish 2 1 credit level 2

This course strengthens the basic foundation presented in Spanish 1. It continues to develop the four basic language skills. This course will help each student attain a degree of proficiency in the language as well as a meaningful comprehension of the contemporary Spanish world and its culture.

Prerequisite: 612 Spanish 1

623 Honors Spanish 2 1 credit level 3

Students who excelled in Spanish I may continue their study of the language at the Honors level. The course is designed to assist those students who wish to take Spanish 3 and 4, perhaps even studying Spanish at the collegiate level.

Prerequisite: 612 Spanish 1

633 Honors Spanish 3 1 credit level 3

This course is an introduction to complex grammar structures, as well as a review of the grammar already studied. It introduces the student to Hispanic literature and continues the study of Hispanic civilization and culture. More emphasis is placed on reading comprehension and improvement of the student's ability to express himself in written Spanish and will further the development of the student's oral skills. This course will be taught at a rapid pace and will be conducted mostly in Spanish.

Prerequisite: 623 Honors Spanish 2

643 Honors Spanish 4**1 credit****level 3**

This course will continue the presentation of the Hispanic world through literature, grammar review, and vocabulary development. Emphasis is placed on comprehension of the selections and on written composition. The course goals are threefold: to increase the reading power of the student, to develop the student's ability to express verbally at a proficient level, and to develop a sense of achievement. This will require students to prepare beyond classroom instruction.

Prerequisite: 633 Honors Spanish 3

652 French 1**1 credit****level 2**

This course teaches French as a means of communication within the context of the contemporary francophone world and its culture. It introduces the four basic language skills: listening, speaking, reading, and writing. Primary emphasis is placed on comprehension and speaking in practical and natural situations to help each student attain an acceptable level of proficiency.

662 French 2**1 credit****level 2**

This course strengthens and extends the basic foundation begun in French 1. It continues to develop the four language skills within the context of the contemporary francophone world and its culture. The level of proficiency will be enhanced.

Prerequisite: 652 French 1

663 Honors French 2**1 credit****level 3**

Students who excel in French I may elect to take Honors French 2. This course will provide a solid foundation for a continuation of the study of the language in the third and fourth years. The course will continue to develop the four language skills within the context of the contemporary francophone world and its culture.

Prerequisite: 652 French 1

673 Honors French 3**1 credit****level 3**

This course is an introduction of complex grammatical structure as well as a review of the French language through a study of French literature, reading and writing selections, and a continuum of oral proficiency. The course goals are to study complex grammar structures, to increase reading comprehension skills, to improve the student's ability to express himself in written French, and to encourage the further development of the student's oral skills. Students will be expected to do research outside of the classroom.

Prerequisite: 663 Honors French 2

683 Honors French 4**1 credit****level 3**

This course continues the presentation of the francophone world through literature. Emphasis is placed on comprehension of selections, writing endeavors, and further development of the student's ability to express himself/herself conversationally. This will require preparation outside of the classroom.

Prerequisite: 673 Honors French 3

691 Latin 1**1 credit****level 3**

This course develops the student's ability to read and comprehend Latin. The course emphasizes a precise and pure pronunciation, an accurate and concise knowledge of forms and syntax, and an acquisition of a basic vocabulary. The study of Latin through English expressions and Roman life and culture is also emphasized.

693 Honors Latin 2**1 credit****level 3**

This course offers progressive development in the ability to read and comprehend Latin through a review of the vocabulary, inflections, and grammatical principles learned in the first year. Also, the forms and syntax essential for reading selections from a wide range of Latin authors are stressed. The students become acquainted with the life, language, literature, and contributions of the Romans to the western world.

Prerequisite: 691 Latin 1

694 Honors Latin 3**1 credit****level 3**

This course teaches Latin prose and poetry in alternate years. The prose course comprises the life and works of Caesar, Cicero, and Pliny, as well as the events of the late Republic and early Empire. Special emphasis is placed on advanced grammatical constructions, mythology, and rhetorical devices. The poetry course includes the works of Catullus, Horace, Ovid, Terrence, and, most significantly, Vergil. Emphasis is placed on forms and syntax from previous levels, mythology, metrics, and poetic devices.

Prerequisite: 692 Honors Latin 2

695 Honors Latin 4**1 credit****level 3**

This course teaches Latin prose and poetry in alternate years. The prose course comprises the life and works of Caesar, Cicero, and Pliny, as well as the events of the late Republic and early Empire. Special emphasis is placed on advanced grammatical constructions, mythology, and rhetorical devices. The poetry course includes the works of Catullus, Horace, Ovid, Terrence, and, most significantly, Vergil. Emphasis is placed on forms and syntax from previous levels, mythology, metrics, and poetic devices.

Prerequisite: 693 Honors Latin 3

Fine and Performing Arts Department

701 Foundations of Visual Arts**0.5 credits****level 2**

This course introduces students to the fundamental principles of visual art, including the elements and principles of design, composition, color theory, and creative problem-solving. Through guided studio experiences, students will develop technical skills while exploring drawing, design, and mixed media. Emphasis is placed on craftsmanship, artistic literacy, and thoughtful critique. Students will gain an appreciation for visual expression while building confidence in creative production.

702 Foundations of Performing Arts**0.5 credits****level 2**

This course introduces students to the foundational elements of performance, including voice, movement, expression, and stage presence. Students will explore acting techniques, basic musical performance concepts, and collaborative production skills. Through structured exercises and performance opportunities, students will develop confidence, communication skills, and an understanding of how the performing arts contribute to culture and community.

722 Basic Studio Art**1 credit****level 2**

This course introduces students to the foundational principles of two-dimensional art and design. Emphasis is placed on the elements and principles of design, composition, value, perspective, color theory, and technical skill development.

Students will explore a variety of media such as drawing, painting, printmaking, and mixed media. Projects are structured to build observational skills, visual literacy, craftsmanship, and creative problem-solving. Through guided instruction and critique, students will develop confidence in artistic expression and establish the technical foundation necessary for advanced study in visual arts.

723 Honors Studio Art

1 credit

level 3

This advanced course builds upon foundational skills in two-dimensional art and emphasizes sustained investigation, technical refinement, and conceptual depth. Students will engage in complex projects requiring independent planning, revision, and formal critique. Media may include advanced drawing, painting, printmaking, and mixed media processes. Emphasis is placed on development of a personal artistic voice, advanced compositional and technical control, reflective analysis and participation in structured critique.

Prerequisite: 722 Basic Studio Art

724 AP Art

1 credit

level 4

The Advanced Placement Art course enables highly motivated students to perform at a college level while still in high school. Students enrolled in this course will work in one of three categories of the College Board mandated portfolios. The area of Drawing, Two dimensional design or Three Dimensional Design may be explored. This course will address the following learning outcomes: the ability to conduct a sustained investigation through practice, experimentation, and revision, guided by questions; skillfully synthesize materials, processes, and ideas; and articulate, in writing, information about one's work. Students are expected to produce a minimum of 15 works of art in a variety of media, techniques and using design principles and showing a full understanding of the fundamentals of visual language. The development of a body of artwork that is the student's choice and the application of the critical process (oral and written) are emphasized. Students are required to submit a digital portfolio to the College Board for evaluation to receive college credit.

Prerequisite: 723 Honors Studio Art, 725 Honors Photography or 737 Honors 3-Dimensional Art & Design

725 Honors Photography

1 credit

level 3

This advanced course explores photography as a fine art medium with emphasis on composition, visual storytelling, light, perspective, and conceptual development. Students will refine both technical control and artistic decision-making through the creation of sustained photographic investigations. Coursework includes thematic projects requiring planning, revision, and critique. Students will apply design principles to produce intentional and expressive work.

Prerequisite: 722 Basic Studio Art

733 3-Dimensional Art & Design

1 credit

level 2

This course introduces students to the principles and processes of three-dimensional art and design. Emphasis is placed on form, balance, proportion, texture, spatial relationships, and craftsmanship. Students will explore sculptural and constructed media such as ceramics, relief and freestanding sculpture, mixed media construction, fiber and textile processes, and introductory environmental or interior design concepts. Projects are structured to develop technical skill, creative problem-solving, and an understanding of how design principles function in physical space. This course establishes the foundational skills necessary for advanced study in three-dimensional and sculptural arts.

737 Honors 3-Dimensional Art & Design 1 credit level 3

This advanced course builds upon foundational three-dimensional design skills and emphasizes sustained investigation, technical refinement, and conceptual development. Students will engage in complex, multi-phase projects requiring planning, proposal development, revision, and critique. Media may include advanced ceramics, sculptural construction, mixed media installation, fiber and textile design, and environmental or spatial applications.

Prerequisite: 733 3-Dimensional Art & Design (or Decorative Art 1 or 2)

783 Music Performance Studies 1 credit level 2

This year-long course is open to students interested in developing their vocal and/or instrumental performance skills within a collaborative ensemble setting. Students may participate vocally and/or instrumentally, depending on individual experience and ensemble needs. Instruction emphasizes the development of foundational musicianship, including vocal or instrumental technique, music literacy, sight-reading, tone production, ensemble balance, and stylistic interpretation. Students will study and perform repertoire representing diverse historical periods, genres, and performance traditions. Emphasis is placed on rehearsal discipline, collaborative performance skills, and individual musical growth within an ensemble setting.

792 Theater Arts 1 credit level 2

This full credit course is designed to provide an overview of the theatre experience, dealing with topics such as the development of theatre, the structure and varieties of drama. Students are exposed to the art of acting, along with improvisation, pantomime, and voice direction. Class projects will include monologues and scene work. Another area of study is the element of design including set, costume, lighting, and make-up for a variety of productions. The topics will be explored in three sections: Exploration, in which students will learn about basic tools and techniques; Preparation, in which students begin to get ready for a production; and Performance, in which students move through the rehearsal process to opening night. This course will help students develop a respect for all types of theatre productions.

793 Honors Drama 1 credit level 3

This honors level class introduces the ideas, skills, and aesthetic issues that comprise the creation of the theatrical event. Students will have the opportunity to participate in the entire play production process, from the selection of a show, through the audition, up to the actual performance. The students will explore the different roles associated with the theatre process, including: director, producer, actor, and stage manager. Students will produce at least three plays throughout the year. The students will incorporate the techniques learned in Basic Drama/Theatre Arts I throughout this course. In addition, students will be encouraged to take an active role in the annual school musical in the fall.

Prerequisite: 792 Theater Arts

Health and Physical Education

206 Health Education 0.25 credits level 2

This course is designed to teach students that their health is in their own hands. Risks of developing chronic diseases increase dramatically when following negative health habits. Students are encouraged to develop positive decision-making skills in dealing with health choices. Topics will include physical fitness, nutrition, substance abuse, infectious diseases, and goal setting.

922 Physical Education**0.25 credit****level 2**

This course is required of all students and is mandated by the Pennsylvania Department of Education. It presents the students with an understanding of basic rules, skills, and techniques included in a variety of team and individual sports. It will familiarize students with various lifetime activities. A physical fitness test will be given to each freshman student at the beginning of the school year to be used in conjunction with the Health Education course. All students will be able to apply learned skills for recreational purposes outside of the school setting.

966 Nutrition/First Aid**1 credit****level 2**

Nutrition is one of the fastest-growing fields in health and wellness. This course introduces students to the fundamentals of nutrition, exploring the science behind healthy eating, diet planning, and the impact of nutrition on overall well-being. Students will also learn about career opportunities in nutrition and health sciences.

The second portion of the course is an applied first aid program based on the American Red Cross "Responding to Emergencies" curriculum. Students will gain hands-on training in first aid, CPR, and AED use, earning official certification upon successful completion. This course provides valuable lifesaving skills and practical knowledge for anyone interested in health, fitness, or medical careers.

968 Sports Psychology**0.5 credit****level 2**

This course will provide students with knowledge about psychological factors that affect performance in sports such as motivation, concentration, focus, confidence, anxiety and relaxation. Students will also be introduced to mental skills that will enhance performance, make athletic participation more enjoyable, and can learn skills that can transfer to other aspects of their lives. Specific skills to be covered include: how to set measurable goals and strategies to achieve them, visualization and imagery techniques, leadership, team building, and how to best cope and recover from injuries.

Co-requisite: 868 Sports Math

992 Principles of Athletic Training**1 credit****level 2**

This course is an introduction to the principles applied by athletic trainers in the treatment of sports injuries. The course will include a review of basic anatomy and physiology and further work in the treatment modalities used to get the injured athlete back to pre-injury condition. This course is for students with an interest in athletic training, physical therapy, or sports medicine. Field trips to see college facilities and to receive information are part of the curriculum.

967 Athletic Training 2**1 credit****level 2**

This course is a continuation of Principles of Athletic Training. It is offered to seniors who have successfully completed Principles of Athletic Training and who are interested in pursuing the fields of Athletic Training, Physical Therapy or Sports Medicine. The course will include a review of basic anatomy and physiology and further work in the treatment modalities used to return injured athletes back to pre-injury condition. This course will offer CPR training and the use of an AED by a trained Red Cross instructor as well as first aid treatment.

Prerequisite: 992 Principles of Athletic Training