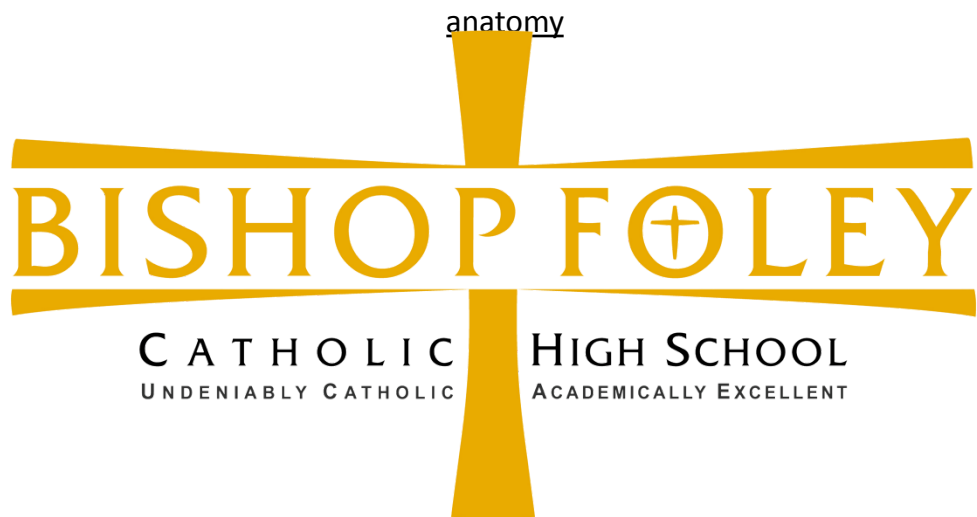




Bishop Foley Catholic High School is a Christ-centered, co-educational Catholic community that accompanies students on their individual spiritual and academic journey to become servant leaders in an environment that fosters growth, opportunity, and success in preparation for college and beyond.

2024-2025

Course Catalog

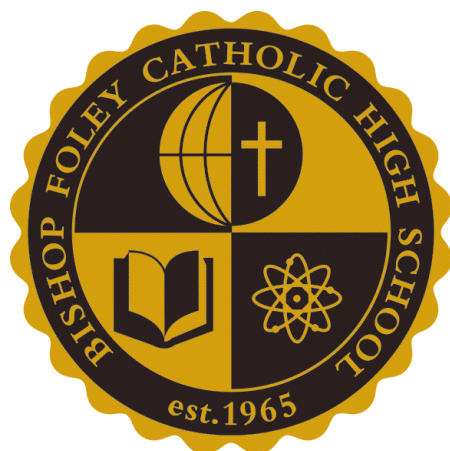


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COURSE SELECTION/PLANNING YOUR PROGRAM

It is imperative that students review the graduation requirements; they are responsible for fulfilling those requirements. If students are uncertain of courses needed or credits earned, they should meet with their counselor. Students should choose courses that are best suited to their interests, their future plans and their capabilities. Once the scheduling data has been entered into the computer, changes will be permitted only when prerequisites have not been met. Exceptions to this policy are determined by the Counseling Department with Administrative concurrence, and are based only on academic reasons. See schedule change procedure on page 4.

GRADUATION REQUIREMENTS

☐ Arts (Fine, Performing, Applied)	1 credit
☐ Computer Education	½ credit
☐ English	4 credits
☐ World Language	2 credits
☐ Mathematics	4 credits
☐ Physical Education	½ credit
☐ Health	½ credit
☐ Theology	4 credits
☐ Science	3 credits
☐ Social Studies	3 credits
☐ Electives	3 ½ credits

ADVANCED PLACEMENT CLASSES

Advanced Placement (AP) classes prepare students for the College Board™ Advanced Placement Exams given in May each year. The College Board determines the price of the exam. A student who performs above average on the exam (3 or better) can possibly earn college credit depending on the requirements of the student's selected college. AP courses are designed for students capable of doing college level work. The course of study follows the recommendations of the College Board. Students are placed into AP classes based on grades and recommendations of previous teachers.

AP classes are not permitted to be dropped at the semester if they are full year courses.

AP Lit/Comp (12 th)	AP Calculus (12 th)
AP Lang/Comp (11 th)	AP Chemistry (11 th and 12 th)
AP Physics (12 th)	AP Biology (11 th and 12 th)
AP United States History (11 th)	AP Spanish (12 th)
AP Government (12 th)	AP Studio Art (12 th)
AP World History: Modern (10 th)	AP Music Theory (10 th - 12 th)
AP Psychology (11 th and 12 th)	AP Computer Science Principles (11 th and 12 th)
	AP Computer Science A (11 th and 12 th)

HONORS CLASSES

At Bishop Foley Catholic High School, all classes are college preparatory; however, some classes are classified as honors. Honors classes are accelerated classes that require extensive reading and study; in depth analysis and discussions; critical thinking skills; an ability to work independently; and increased homework and assignments in preparation for the classes. Students are placed into an honors class based on placement test results, grades, and recommendation of previous teachers. **Students should not make course decisions based on the weighted grading scale, but instead make course selections based on interest in the subject area, and both an ability and desire to complete advanced-level coursework.*

A weighted grading scale is used to determine the Grade Point Average in all honors and Advanced Placement courses. The grading scale is published in the Student Handbook.

DUAL ENROLLMENT

Through the state of Michigan, students who meet eligibility requirements have the opportunity to earn both high school credit and college credit through dual enrollment. The state allocates a certain amount of funding per student, with maximum potential of cost covered by the state by attending the community college within your home district/county (Oakland County, Macomb County, Wayne County, etc.) If the student/ family pursues courses at a college or university outside of their district, the family is responsible for any fees beyond the state allocated funding.

Minimum standardized assessment scores must be met and the student must hold a 3.0 unweighted GPA (or higher). Dual enrollment courses scheduled to meet during the school day prior to 4 pm (synchronous/ online OR in-person) will not be approved. Additionally, for a student to be approved for a dual enrollment course, they must have exhausted all BFC courses in that subject area or the course must be an academic course that BFC does not currently offer. Please contact your student's Counselor for more information and course approval.

- **Dual Enrollment Readiness Qualifying Assessments & Minimum Scores (2022-2023)**

- ACT Mathematics: 22
- ACT Reading: 22
- ACT Science: 23
- ACT English: 18
- PSAT 8/9 Evidence-Based Reading and Writing: 460
- PSAT 8/9 Mathematics: 510
- PSAT 10 Evidence-Based Reading and Writing: 460
- PSAT 10 Mathematics: 510
- PSAT/NMSQT 11 Evidence-Based Reading and Writing: 460
- PSAT/NMSQT 11 Mathematics: 510
- SAT Evidence-Based Reading and Writing: 480
- SAT Mathematics: 530

SCHEDULE CHANGE/CLASS WITHDRAWAL PROCEDURE

1. No schedule changes are permitted after the first five days of the semester. Schedule change requests should be made to the school counselor.
2. No schedule changes will be permitted based on teacher preference.
3. Requests for withdrawals made after the first five days of the semester will be considered under the following conditions:
 - Withdrawal cannot detract from the amount of credit and subject matter needed for graduation requirements. A minimum of six classes is required to maintain student status.
 - Final approval must be granted by an Administrator.
 - Grades earned at the time of withdrawal will be reported as "WP" or "WF" on the following quarter report card and will remain on the permanent record. Credit is only granted on a semester basis.
 - A class may not be dropped or switched to take a 1st or 7th hour privilege.
 - A student cannot drop the 2nd semester of a one-year course.
 - Students may not drop a class if the class will fall below minimum enrollment.

FAILURE POLICY

Bishop Foley Catholic High School will allow the repeat of any credit class that is required for graduation in which a failing grade is earned. Summer school credit will also be accepted. The following guidelines will direct all decisions regarding the repeat of failed courses.

- An "F" earned in the failed course will stand. The grade earned in the repeat of a course will also be averaged into the cumulative GPA. The repeated course grade will not remove a previously earned "F."
- Failure of two or more courses in a semester may result in the student being requested to withdraw from Bishop Foley Catholic High School.

Regarding Credit Recovery and Summer School:

- Credit Recovery/Summer School courses must be approved by a school counselor prior to the student registering for a class
- Students must complete summer school/credit recovery course(s) prior to the start of the new school year. Transcripts reflecting passing grades of previously failed courses must be submitted to BFC prior to student orientation. If the student does not complete the summer school/credit recovery course(s) and submit passing grades prior to orientation, the student will be re-enrolled in the previously failed course(s) to ensure requirements for graduation are being met.

Please Note: Approved Summer School credit recovery is only accepted for failed courses.

COURSE DESCRIPTIONS

THEOLOGY

SERVICE REQUIREMENT: All students are expected to perform service hours as a part of their Theology classes.

RETREATS: Each year students are required to attend Bishop Foley's scheduled grade level retreat. **Fees** will be listed in the registration paperwork (Money Matters).

SUMMER READING: May be required for certain grade levels

COURSE #54 INTRODUCTION TO JESUS CHRIST IN SCRIPTURE I

The purpose of this course is to provide students with a basic understanding of Sacred Scripture as the inspired Word of God. Through study of the Bible they will encounter the living Word of God, Jesus Christ. In this course, they will focus on the major sections of the Old Testament. They will also learn to read and interpret the Bible from the Catholic perspective, as set forth in the Vatican II document *Dei Verbum* as well as in the *Catechism of the Catholic Church*.

Grade Level Offered: 9, Credit: ½

COURSE #55 INTRODUCTION TO JESUS CHRIST IN SCRIPTURE II

The purpose of this course is to continue to provide a basic understanding of Sacred Scripture as the inspired Word of God, with the focus shifting to the New Testament. Students will pay particular attention to the Gospels, where they will grow to know and love Jesus in a more personal way. Special focus will be given to looking at how the Blessed Trinity is manifested in writings of the New Testament. The course will conclude with a survey of the New Testament Epistles and the Book of Revelation.

Grade Level Offered: 9, Credit: ½

COURSE #1 MYSTERY OF REDEMPTION

This course is designed to help students understand God's eternal plan of redemption and the need for redemption after the fall of Adam and Eve. Through this course of study, students will examine the various ways God promised redemption throughout the Scriptures, culminating in the redeeming act of Jesus Christ's Passion, Death and Resurrection as the realization of those promises. In light of this reality, students will also be introduced to what it means to be a Disciple of Christ and what life as a disciple entails.

Grade Level Offered: 10, Credit: ½

COURSE #2 THE CHURCH AND SACRAMENTS

The Church is the place where we encounter the living Christ. Through the Church, which is foreshadowed in the Old Testament and developed in the New Testament, God reveals His plan of salvation for all humanity so that "all men and women belong to the new people of God." We will explore how the Sacraments are the ordinary means by which God dispenses grace to his people. Relying on Sacred Scripture, Sacred Tradition, and the teachings of the Church, we will deepen our understanding of how we can encounter Christ today through the Sacraments in a full and real way. The Sacraments, especially the Eucharist, constitute the foundation for living an authentic Christian life.

Grade Level Offered: 10, Credit: ½

COURSE #4 FAITH AND SCIENCE

In this course students will learn how faith and science complement and enrich, not oppose, one another. Students will learn about prominent Catholic scientists such as Fr. Gregor Mendel (widely regarded as the father of modern genetics), and Fr. Georges Lemaitre (author of the Big Bang Theory). St. John Paul II recognized that faith and science are distinct disciplines that highlight different truths of human existence. In an address, given on the Jubilee of Scientists, St. John Paul II stated, "It can be said, in fact, that research, by exploring the greatest and the smallest, contributes to the glory of God which is reflected in every part of the universe." Embracing St. John Paul's respect for scientific study, the ultimate goal of the course is for students to learn how the study of the mysteries of the physical universe can help them discover the power and glory of God.

Grade Level Offered: 11, Credit: ½

COURSE #3 CATHOLIC MORALITY

The purpose of this course is to help students understand that it is only through Christ that they can fully live out God's plans for their lives. They will study the moral life of Christ based on his teachings in the Gospels, Ten Commandments and the Beatitudes which will enable them to imitate the life of Christ in their lives, to make correct moral decisions and spread the Kingdom of God on earth. Students are to learn the moral concepts and precepts that govern the lives of Christ's disciples.

Grade Level Offered: 11, Credit: ½

COURSE #145 WORLD RELIGIONS

The purpose of this course is 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. Building on the foundational truth that Jesus Christ established the Catholic Church and entrusted to her the fullness of God's Revelation, this course is intended to help students to recognize the ways in which important spiritual truths can also be found in non-Catholic Christian Churches and ecclesial communities as well as in non-Christian religions. It is also intended to help them to recognize the ways in which other systems of belief and practice differ from the Catholic faith. There will also be an emphasis on prayer and spirituality.

Grade Level Offered: 12, Credit: ½

COURSE #97 FAITH AFTER FOLEY

The purpose of this course is to prepare graduating seniors for a life of faith after graduation. Students will have an opportunity to develop their own personal prayer life, with special emphasis on understanding the Gospels and the practice of *Lectio Divina*. Students will also be introduced to the importance of Catholic Apologetics, and learn to "Always be ready to make your defense to anyone who demands from you an account of the hope that is in you (1 Peter 3:15)." The goal is to provide students with a space where they will be able to prayerfully learn, explain, defend, and share their Catholic Faith in a loving way as they move onto the next stage of life.

Grade Level Offered: 12, Credit: ½

MATHEMATICS

COURSE #61/6 ALGEBRA I

The course includes the structure of the real number system, operations and basic properties of real numbers, solutions of linear equations, inequalities, graphs and solutions of systems of equations in two variables, polynomials, factors, functions, graphs, and quadratic equations. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Grade Level Offered: 9, Credit: 1

COURSE #350 ALGEBRA I SUPPORT

Algebra I support is a resource class designed for the high school student who requires additional support with Algebra 1. This support class is taken concurrently with Algebra 1 and provides additional support for students as they work to meet the curriculum expectations of Algebra 1. Course content includes additional instruction on the concepts taught in class, previews of upcoming lessons, homework assistance, and quiz and test preparation. This course does NOT count toward the 4 year math requirement, but will count as general elective credit. **Students earn a pass/fail grade.**
Prerequisite: A HSPT overall math score below 420 and/or Grade of D+ or lower for 2 consecutive quarters based on provided 8th grade transcripts at admission.

Grade Level Offered: 9, Credit: ½

COURSE #102/27 HONORS ALGEBRA I

This course covers the same topics covered in Algebra I but in greater depth. Additional topics may also be covered. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Placement is made based on our in-house proficiency exam score

Grade Level Offered: 9, Credit: 1

COURSE #100/25 GEOMETRY

The topics covered include lines, planes, angles and triangles, congruence, proofs, perpendicular and parallel lines and planes, circles, polygons and their perimeters, areas, and volumes, similarity, and right triangle relationships including trigonometry. Euclidean and coordinate geometry are utilized. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Algebra I

Grade Level Offered: 9-10, Credit 1

COURSE #104/29 HONORS GEOMETRY

This course covers the same topics covered in Geometry but in greater depth. The course moves at a faster pace and additional topics are covered. Students must have a graphing calculator (TI83 or TI84 highly recommended).

9th Grade Prerequisite: Placement is made based on our in-house proficiency exam score

10th Grade Prerequisite: Algebra I (grade: B+ or higher and/or department approval)

Grade Level Offered: 9-10, Credit: 1

COURSE #60/5 ALGEBRA II AND TRIGONOMETRY

The topics include real number systems and their properties, exponents, radicals, rationals, solving linear equations and inequalities and their graphs, probability & statistics, quadratic functions, complex numbers, functions, polynomials and trigonometry. Students will also learn functions of graphing calculators. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Geometry

Grade Level Offered: 10-12, Credit: 1

COURSE #101/26 HONORS ALGEBRA II AND TRIGONOMETRY

This course covers the same topics covered in Algebra II and Trigonometry. The Honors section moves at a faster pace and can cover additional topics. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Geometry (grade: B+ or higher and/or department approval)

Grade Level Offered: 9-12, Credit: 1

COURSE #123/35 PRE-CALCULUS

In this course, the foundations of mathematics are strengthened and mathematical concepts are studied in greater depth to prepare students for Calculus. This course includes Pre-Calculus mathematics and other advanced topics such as functions, complex numbers, solving polynomial functions, trigonometry, analytical trigonometry, polar coordinates and vectors as time allows. Students are required to have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Algebra II/Trigonometry (grade: C or higher **and** department approval)

Grade Level Offered: 10-12, Credit: 1

COURSE #105/30 HONORS PRE-CALCULUS

This course covers the same topics covered in Pre-Calculus, moving at a faster pace and may cover additional topics including an introduction to limits. This course is designed to prepare students for higher levels of Calculus, either at the high school or college level. Students must have a graphing calculator (TI83 or TI84 highly recommended).

Prerequisite: Algebra II/Trigonometry (grade: B+ or higher **and** department approval)

Grade Level Offered: 10-12, Credit: 1

COURSE #65/16 ADVANCED PLACEMENT CALCULUS AB

This is a first course in college level Calculus. Topics include analysis of functions, limits, the application of derivatives and applications of integration. This class is recommended for those planning a college course of study requiring Calculus. This course is intended to prepare students for the College Board Advanced Placement Exam. High scores on this Exam can translate to college credit or determine class placement at the collegiate level. Students are required to have a graphing calculator (TI83 or TI84 highly recommended).

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Pre-Calculus (grade: B+ or higher **and** department approval)

Grade Level Offered: 11-12, Credit: 1

COURSE #137 STATISTICS I: STATISTICS AND PROBABILITY

Students are introduced to the basic concepts and goals of statistics. Students will learn how to organize and describe data sets, recognize normal distributions, make inferences based on statistical analysis, test the significance of relationships between two variables and explore probabilities. These topics will be explored through project based lessons that are accompanied with classroom instruction. Students will be able to apply this information to a real world setting. This class can be taken for the first semester as an elective or part of the full year course.

Prerequisite: Algebra II/Trigonometry

Grade Level Offered: 12, Credit: ½

COURSE #40 STATISTICS II: STATISTICAL ANALYSIS

In this section, students will learn how to apply previous information from Statistics I to determine normal probability distributions and confidence intervals. There will also be a major focus on testing a claim about a parameter, inferential statistics and hypothesis testing. These topics will be explored through project based lessons that are accompanied with classroom instruction. Students will be able to apply this information to a real world setting.

Prerequisite: Statistics Analysis I

Grade Level Offered: 12, Credit: ½

ENGLISH

SUMMER READING: Required for 9th through 12th grade core English courses

COURSE #144/260 WORLD LITERATURE

This 9th grade course acquaints the student with world literature and mythology. These significant works are studied for literary, cultural, historical and social implications. Students will continue to develop their reading and writing skills.

Grade Level Offered: 9, Credit: 1

COURSE #106/107 HONORS WORLD LITERATURE

This course is intended for the ninth grader who meets the prerequisites listed below. This accelerated Literature/Composition course includes four major English areas: literature, writing, grammar, and vocabulary. The literature is a survey of works that include short story, novel, nonfiction, drama, and poetry with which students will develop their reading and writing skills.

9th Grade Prerequisite: 8th Grade English (grade: B+) and qualifying High School Placement Test subject score.

Grade Level Offered: 9, Credit: 1

COURSE #62/7 AMERICAN LITERATURE/EXPOSITORY WRITING

This course highlights the development of American Literature both chronologically and thematically. Classic American writers are studied in forms of the essay, short story, drama, poetry, and the novel. Literary analysis and critical thinking skills are emphasized, and students will continue to deepen their development of reading and writing skills.

Grade Level Offered: 10, Credit: 1

COURSE #103/28 HONORS AMERICAN LITERATURE/EXPOSITORY WRITING

This accelerated course highlights the development of American literature both chronologically and thematically. Classic American writers are studied in forms of the essay, short story, drama, poetry, and the novel. In Honors, a deeper level of literary analysis, discussion, and independent reading is expected. Students will explore a breadth of rhetorical devices and delve into ACT/PSAT style grammar and reading strategies in preparation for AP courses in English.

Prerequisite: Department approval

Grade Level Offered: 10, Credit: 1

COURSE #80/19 BRITISH LITERATURE

This course traces the development of British literature from the Anglo-Saxon era through modern times. Significant works are studied for their literary, cultural, historical, and social implications. Students will continue to develop and refine their reading and writing skills. Students complete a college-style research paper.

Grade Level Offered: 11, Credit: 1

COURSE #68/76 ADVANCED PLACEMENT LANGUAGE & COMPOSITION/ BRITISH LITERATURE

A.P. English Language & Composition is an elective that focuses on the close reading and interpretation of a wide range of fiction and nonfiction texts. Special emphasis is placed on writer's usage of literary devices and thesis driven, expository writing. Passing scores on the College Board A.P. English Language test may count as college credit in the area of writing and composition.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Department approval

Grade Level Offered: 11, Credit: 1

COURSE #112/32 CONTEMPORARY LITERATURE

This year-long course challenges students to make thematic connections between texts in fiction, drama, and film. Students will read and analyze a diverse selection of works for their literacy, cultural, historical, and social implications. Students will continue to develop and refine their reading skills and writing skills. A research paper is required for all students. Mentor texts focus on Post-WWII dramas by American playwrights, sci-fi by American authors, and memoirs.

Grade Level Offered: 12, Credit: 1

COURSE #67/11 ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION

A.P. Literature and Composition is an accelerated course designed for seniors capable of doing college-level work. The class focuses on literary criticism, which enhances the student's understanding and analysis of quality literature. Special emphasis is placed on advanced writing skills. Passing scores on the College Board A.P. English Literature test may count as college credit.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Department approval

Grade Level Offered: 12, Credit: 1

COURSE #253 CREATIVE WRITING (Elective)

This one semester creative writing course is designed to encourage students to express themselves in writing. Students will explore various types and styles of creative writing including short stories, poetry, and personal narratives. In addition to writing in different genres, students will revise drafts and learn how to publish for a larger audience. The course will not only benefit future writers but will be a valuable class for anyone wishing to learn how to communicate more clearly in writing.

Grade Level Offered: 9-12, Credit: ½

COURSE #128/36 PUBLICATIONS I - II (Elective)

Publications is a class that develops ELA skills as well as a skill set used in many 21st century careers. It blends creative design, writing and small business skills. Its main goal each year is to market, build and launch a successful product - The Bishop Foley Yearbook. As part of the Yearbook Staff, students will learn to take and collect effective photographs throughout the year as well as be introduced to page layout software. In addition, each semester the class creates a magazine for release to the study body, crafts social media posts, and tackles other entrepreneurial tasks that are used in emerging 21st century job fields. Those in their Junior or Senior Year can elect to take this course for the full year or up to two consecutive years. Students joining for a second year must have been successful in their first year and move into a leadership role in their second year to remain. Introductory level students will be scheduled together with Publications II students and editorial staff. *Students meet with the adviser to review class expectations before joining the staff.

Grade Level Offered: 11-12, Credit: ½ - 1

SCIENCE

COURSE #121/33 PHYSICAL SCIENCE

This course is designed as an introduction to the three major physical science subjects of earth science, chemistry, and physics. The purpose is to prepare students for higher level sciences, standardized testing, laboratory technique, note taking, and active learning as well as to provide a foundation in general science knowledge and skills.

Grade Level Offered: 9, Credit: 1

COURSE #79/18 BIOLOGY

The purpose of this course is to instruct students in the study of life. It is a mandatory science course in high school. This course is designed so students gain an understanding of ecology, cell biology, genetics, and evolution through the use of daily lectures, activities, and lab skills. This course will also teach high school science skills in preparation for post-secondary education.

9th Grade Prerequisite: Qualifying High School Placement Test score or in-house proficiency exam score

Grade Level Offered: 9-10, Credit: 1

COURSE #84/20 CHEMISTRY

Topics in chemistry include matter and energy, atoms and molecules, periodicity, chemical bonding, quantitative study of chemical reactions, gas laws, thermodynamics, kinetics, acids and bases, electrochemistry, and nuclear chemistry. In addition to chemical topics the course will teach proper laboratory techniques, collection of data and reporting results with hands-on laboratory assignments in each unit. Chemistry or Physics is a graduation requirement.

Prerequisite: Physical Science or Biology

Grade Level Offered: 10-12, Credit: 1

COURSE #122/34 PHYSICS

Physics covers topics in motion, forces, energy, & waves & lab technique. The first semester will focus on a review of experimental design, kinematics and dynamics. Students will study motion in one dimension, two dimensions and rotational motion, forces and collisions. The second semester will focus on momentum, energy, & electricity. Students will work to identify real world applications of these concepts through hands-on lab activities, projects, and peer collaboration. This course will also continue to build upon the use of science and math skills from previous courses in an effort to prepare students for higher education. Chemistry or Physics is a graduation requirement.

Prerequisite: Biology and Algebra II (*Algebra II can be taken concurrently with Physics*)

Grade Level Offered: 10-12, Credit: 1

COURSE #63/8 ANATOMY AND PHYSIOLOGY

This course is specifically designed as the first course for college anatomy preparation. It will enable students to develop an understanding of the relationships between the structures and functions of the human body. Many real world concepts involving medical and health issues are frequently discussed. This course is academically demanding, with a high degree of self-discipline and responsibility expected from students. Students will also perform animal dissections at the end of the course.

Prerequisite: Biology and Chemistry **or** with department approval

Grade Level Offered: 11-12, Credit: 1

COURSE #64/9 ADVANCED PLACEMENT BIOLOGY

This course is specifically designed as the first course for college biology. Students will cultivate their understanding of biology through the exploration of evolution, cellular processes, genetics, and interactions. Students who have a deep interest and expect to use biological knowledge in college and in their career should enroll in this course. This course is fast paced and academically challenging with a high degree of self-discipline, responsibility expected of the students with significant time invested outside the classroom. Students are expected to prepare for and take the AP Biology exam in May.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Biology and Chemistry (grade: B or higher and department approval)

Grade Level Offered: 11-12, Credit: 1

COURSE #66/10 ADVANCED PLACEMENT CHEMISTRY

Advanced Placement Chemistry is intended for those students who wish to increase their knowledge of chemistry and addresses topics from the first two college level general chemistry courses. Topics covered include thermodynamics, equilibrium, reaction rates, qualitative analysis, oxidation-reduction, nuclear and organic chemistry. Appropriate laboratory work is included. Students should expect to have challenging homework and must be willing to commit a significant amount of time outside of class to master the required material. Students are expected to take the Advanced Placement Exam in May.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Chemistry (grade: B or higher and department approval)

Grade Level Offered: 11-12, Credit: 1

COURSE #70/69 ADVANCED PLACEMENT PHYSICS

AP Physics is a college level course that uses advanced algebra and trigonometry as the primary tools for problem solving. The course covers topics in mechanics, waves, thermodynamics, electricity, magnetism and optics. The first semester will focus on kinematics, Newton's laws, and circular motion. The second semester will focus on momentum, energy, static electricity and waves. The course is designed to prepare students for the AP Physics I exam and students are expected to register and take the AP exam in May.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Algebra II/ Trigonometry (grade: B or higher and department approval)

Grade Level Offered: 11-12, Credit: 1

COURSE #254 GENETICS

Genetics will research the social and scientific aspects of the field of genetics. The course will develop a deeper understanding of inheritance of traits and genetic diseases in human heredity. The course will discuss but is not limited to inheritance patterns, mutations, pedigree analysis, genetic testing, and genetic engineering. This course is designed to help students understand the principles of genetics as well as ethical issues to consider.

***This course is guaranteed to be offered in school years with odd graduating classes (2024-2025, 2026-2027, 2028-2029), but may be offered during even years with adequate student interest.**

Prerequisite: Biology (grade: B or higher or department approval)

Grade Level Offered: 10-12, Credit: ½

COURSE #96 ENVIRONMENTAL SCIENCE

This course will review the basic factors that contribute to a stable and sustainable environment. The course will then focus on how to maintain sustainability. This course will focus on the Great Lakes region and its resources and environmental issues. Topics will include, but are not limited to, endangered species, global warming, pollution, urbanization, and alternative energy sources.

Prerequisite: Biology

Grade Level Offered: 10-12, Credit: ½

COURSE #58 ADVANCED ANATOMY AND PHYSIOLOGY

This course is a continuation of Anatomy and Physiology. Students should expect to cover topics about the human body, medicine, and disorders/diseases with a focus on current trends and research. This course is academically demanding, with a high degree of self-discipline and responsibility expected from students. In addition to anatomical topics, students will also explore scientific research and perform animal dissections at the end of the course. The course will change with current interests of students, and current medical procedures.

Prerequisite: Anatomy and Physiology (grade: B or higher and department approval)

Grade Level Offered: 11-12, Credit: ½

COURSE #334 BIOCHEMISTRY

Biochemistry is designed to give students a more in depth understanding of biology on the molecular level. The course will include organic nomenclature and functional groups, reactions of biomolecules, metabolism (photosynthesis and cell respiration), cell signaling and special topics in biochemistry. This will be a fast paced course designed to allow students a deeper understanding of the chemistry of biological functions.

***This course will be offered in school years with even graduating classes (2023-2024, 2025-2026, 2027-2028), but may be offered during odd years with adequate student interest**

Prerequisite: Biology and Chemistry (grade: B or higher or department approval)

Grade Level Offered: 11-12, Credit: ½

COURSE #23 FORENSIC SCIENCE AND TECHNOLOGY

This is a laboratory-based science that will improve scientific writing ability, analytical skills, and laboratory technique. Forensic science topics will include but are not limited to crime scene investigation, hair evidence, fingerprints, DNA, blood and blood spatter, tool marks and ballistics.

Prerequisite: Biology

Grade Level Offered: 11-12, Credit: ½

WORLD LANGUAGE

COURSE #134/39 SPANISH I

Spanish I is an introduction to the many phases of foreign language study: reading, writing, listening, and speaking. Vocabulary and structures are presented and practiced in context, with emphasis on oral communication in real-life situations. Cultural themes are woven throughout the course to acquaint students with Hispanic life and geography. By first seeing and hearing Spanish in use, and using it for real communication in a natural setting, students begin to acquire the skills necessary for communication in a second language.

Grade Level Offered: 9-11, Credit: 1

COURSE #135/37 SPANISH II

While similar in its goals and methods to Spanish I, Spanish II includes a more extensive study of grammar, and more emphasis on oral communication. Students are expected to converse in Spanish according to their knowledge base and abilities. There is considerable oral practice in cooperative learning situations to reinforce pronunciation, vocabulary, and structure. Hispanic culture and geography continue to be studied in a variety of contexts.

9th Grade Prerequisite: Qualifying in-house proficiency exam score.

Prerequisite: Spanish I

Grade Level Offered: 9-12, Credit: 1

COURSE #136/38 SPANISH III

As an advanced language course, Spanish III places great emphasis on oral communication. Therefore, a great deal of the class will be conducted in Spanish and students are expected to communicate in Spanish according to their knowledge base and abilities. This course will guide students toward functional communication proficiency while developing a general insight into how languages work. The goal is to equip students to function in the Spanish-speaking world; to use the language for a lifetime of personal enjoyment and enrichment; to appreciate the role of Hispanic cultures in a global context; and to continue to expand their communication proficiency for further education or for the workplace.

Prerequisite: Spanish II and department approval

Grade Level Offered: 10-12, Credit: 1

COURSE #71/13 ADVANCED PLACEMENT SPANISH

AP Spanish continues with emphasis on the basic language skills of reading, writing, listening, and speaking, pursued in a more sophisticated and in-depth manner. The class is conducted almost entirely in Spanish, and students are expected to converse in Spanish according to their knowledge base and abilities. Great emphasis is placed on the comprehensive and survival uses of Spanish in a culturally sound context. Numerous oral presentations are required, together with dialogue and conversation sessions. A variety of activities are provided to increase fluency and proficiency. The course includes preparation for the Advanced Placement Exam, with second semester emphasis greatly stressing this preparation.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Spanish III and department approval

Grade Level Offered: 11-12, Credit: 1

COURSE #98/24 FRENCH I

French I is an introduction to the many phases of foreign language study: reading, writing, listening and speaking, Vocabulary and structures are presented and practiced in context, with emphasis on oral communication in real-life situations. Cultural themes are woven throughout the course to acquaint students with French life and geography. By first seeing and hearing French in use, and using it for real communication in a natural setting, students begin to acquire the skills necessary for communications in a second language.

Grade Level Offered: 9-11, Credit: 1

COURSE #255/168 FRENCH II

While similar in its goals and methods to French I, French II includes a more extensive study of grammar, and more emphasis on oral communication. Students are expected to converse in French according to their knowledge base and abilities. There is considerable oral practice in cooperative learning situations to reinforce pronunciation, vocabulary, and structure. Students continue to study francophone culture and geography in a variety of contexts.

Prerequisite: French I

Grade Levels Offered: 10-12, Credit: 1

COURSE #335/336 FRENCH III

French III is an advanced language course. Much of the class will be conducted in the target language and students are expected to communicate in French according to their knowledge base and abilities. The classroom practice in cooperative learning situations reinforces pronunciation, vocabulary, structure, and grammar. This class will guide students towards a functional proficiency in the francophone world to use the language for personal enjoyment and enrichment, and to continue to expand their communication proficiency for further education or for a future career.

Prerequisite: French II and department approval

Grade Levels Offered: 10-12, Credit: 1

SOCIAL STUDIES

COURSE #143/259 MODERN WORLD HISTORY (1200 - CURRENT)

Modern World History takes a global and comparative approach to studying the world and its past to develop a greater understanding of the development of worldwide events, processes, and interactions among the world's people, cultures, societies and environment. The course begins circa 1200 AD and topics include the classical world, include the growth of world religions and regional differences, the emergence of the first global age, the age of global revolutions, global crisis and achievement, and the Cold War and its aftermath. Videos, hands-on activities, projects, writing and extensive use of maps are incorporated in the development of Social Studies skills.

Grade Level Offered: 10, Credit: 1

COURSE #74/75 ADVANCED PLACEMENT MODERN WORLD HISTORY

Students whose reading, writing skills and intellectual curiosity are ready for college level work will develop greater understanding of the evolution of global processes and contacts in different types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies using relevant factual knowledge, leading interpretive issues, and analysis of historical evidence. A balanced coverage of all major areas of the world including Africa, the Americas, Asia, Europe, and Oceania will be presented. Students will develop the ability to analyze and interpret primary sources, maps, statistical tables, graphs, and charts, preparing them to take the College Board Advanced Placement exam at the end of the course.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: To ensure preparedness for the class, students are required to complete a writing sample in response to an article provided by the AP World History teacher. Students must achieve a qualifying score for placement.

Grade Level Offered: 10, Credit: 1

COURSE #141/258 UNITED STATES HISTORY AND GEOGRAPHY

This course is a survey of American History beginning with the Colonial era and the Revolution, through our nation's early growth and development, the Civil War and Reconstruction, Industrialization, Imperialism, the wars and changes of the 20th Century, and ultimately to September 11, 2001. The goal of this course is for students to develop skills as critical thinkers, readers and writers. Using a variety of sources, students will look at history through the lens of those who experienced it and study it. Students will examine sources for bias, purpose and context. Connections between themes and the impact on today will be explored. This course will challenge students to thoughtfully reflect on how our nation developed and how history can help us to understand the world we live in today.

Grade Level Offered: 11, Credit: 1

COURSE #73/15 ADVANCED PLACEMENT UNITED STATES HISTORY

The Advanced Placement U.S. History course will develop a greater understanding of the history of our nation for those students whose reading, writing skills and intellectual curiosity are ready for college level work. The course will cover from the time of Columbus through the present and develop students' historical thinking, critical reasoning and primary source analysis skills. Students will be prepared to take the College Board Advanced Placement exam at the end of the course.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Department approval

Grade Level Offered: 11, Credit: 1

COURSE #46 ECONOMICS

Students are taught economic literacy which includes analysis, reasoning, problem solving and decision making that helps people function as consumers, producers, savers, investors and responsible citizens. Units of study involve the market economy, the national economy, the international economy and personal finance. The study of the market economy includes scarcity and opportunity costs, supply and demand and the role of government. The national economy unit focuses on financial institutions, the money supply and economic indications. The focus of the international economy is on comparing economic systems and world trade.

Grade Level Offered: 11-12, Credit: ½

COURSE #48 GOVERNMENT

The basic principles and foundations of our federal government are discussed as well as units on the structure and function of government in the United States of America, the U.S. and world affairs, and citizenship and how it is put into action. Social Studies knowledge, processes such as critical reading and communication, inquiry, research and analysis, public discourse and decision making and citizen involvement are incorporated throughout the course.

Grade Level Offered: 12, Credit: ½

COURSE #44 ADVANCED PLACEMENT UNITED STATES GOVERNMENT (2nd Semester)

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. Students will be prepared to take the College Board Advanced Placement exam in May.

Prerequisite: Government

Grade Level Offered: 12, Credit: ½

COURSE #133 SOCIOLOGY

This course introduces the student to an examination of culture and the social institutions that affect the individual and society as a whole. The student will study values, norms, methods of social control and how they develop, as well as the process of socialization and its effect on society. A society's structures and organization will be examined from the religious, economic, and ethnic points of view. The various sociological theories will be studied and applied to each unit. Students will be expected to demonstrate an understanding of the concepts presented in class through discussions, written analyses, and other assignments.

Grade Level Offered: 11-12, Credit: ½

COURSE #21 LAW AND JUSTICE

This course is designed to acquaint the student with the criminal justice system as it exists in the United States today. The criminal laws and statutes, the police and criminal investigative procedures, the criminal courts, and the American penal system will be covered in this class. When possible, the class will go on a field trip to the courts.

Grade Level Offered: 11-12, Credit: ½

COURSE #127 PSYCHOLOGY

The primary focus of this course is understanding ourselves and others by looking at the factors that contribute to our identity and decisions. Students will study a number of topics including social psychology, coping with stress, the importance of sleep, factors influencing how we learn, child development, key personality theorists, psychological disorders and mental health. Students will engage the material through discussions, class activities and other assignments.

10th Grade Prerequisite: 3.5 or better GPA and department approval

Grade Level Offered: 11-12, Credit: ½

COURSE #12 ADVANCED PLACEMENT PSYCHOLOGY

This course is a continuation of Psychology for students who have a strong interest in the subject, along with reading, writing and analytical skills. There will be an additional focus on the influence of biology on human behavior, motivation and emotion, and treatment of psychological disorders. Students will be prepared to take the College Board Advanced Placement exam at the end of the course.

Prerequisite: Psychology

Grade Level Offered: 11-12, Credit: ½

BUSINESS & COMPUTERS

COURSE #118 PERSONAL FINANCE

This course will introduce students to practical personal finance. This course will cover money management, banking, consumer credit and personal financial decision making. Students will navigate resource management while analyzing major future decisions. Students will acquire an understanding of financial security concepts as well as risk management.

Grade Level Offered: 10-12, Credit: ½

COURSE #110 PRINCIPLES OF BUSINESS MANAGEMENT

This course will introduce students to the world of business and will prepare them for productive interaction with the business world and the economy. Students will learn the process of acquiring employment, the basics of personal finance and investing, business finance, and general business management. Students will become familiar with creating and designing formal business plans.

Grade Level Offered: 10-12, Credit: ½

COURSE #124 PRINCIPLES OF ACCOUNTING

This course is designed to teach students the principles and practices of accounting as they relate to the daily accounting functions of a business operation. Students will be given an overall picture of the complete accounting cycle which includes journal entries, posting to the ledger, preparing a trial balance, a worksheet and financial statements of a business. Content will include sole proprietorship and partnership organizations as well as accounting theory, corporate accounting procedures and cost accounting.

***This course can be taken as a Senior Math elective, however it cannot be counted towards an NCAA math requirement.**

Grade Level Offered: 11-12, Credit: ½

COURSE #113 MARKETING

This course will introduce the student to the process of planning and executing the conception, pricing, promotion and distribution of goods and services. Students will learn how to take the product from conception to consumption using a step-by-step process in the marketplace. Other concepts that are covered are branding, packaging and labeling and product development.

Grade Level Offered: 11-12, Credit: ½

COURSE #85 FUNDAMENTALS OF COMPUTERS I

Students will begin to understand the development of the microcomputer, where it has gone and where it is going now. Keyboarding will introduce the student to the terminology concepts, and functions of the computer as they develop the mastery of the alphabetic and numeric keyboard. An introduction to the Microsoft suite applications (Word, Excel, Power Point) and Google documents will be covered throughout the semester. This is an overview course to establish essential computer skills to complete assignments in other high school departments.

Grade Level Offered: 9, Credit: ½

COURSE #142 WEB DEVELOPMENT & DESIGN

This project-based course introduces students to common technologies used in web page development. Students will be introduced to HTML, CSS, and JavaScript. Students will combine these programming languages to learn how to make interactive multimedia enabled web pages. Additionally, students will be given a high level look at DNS, Internet infrastructure, and internet culture/ethics.

Prerequisite: Fundamentals of Computers I or Department approval

Grade Level Offered: 9-12, Credit: ½

COURSE #351 INTRODUCTION TO INFORMATION TECHNOLOGY & PROGRAMMING

This course explores computer networking and hardware, operating systems, security, and maintenance/troubleshooting. Students will also be introduced to programming and scripting languages. Students will get hands-on experience with computer hardware, network planning, advanced MS office functionality, cost analysis, and automation.

***There will be an additional fee for this class.**

Prerequisite: Fundamentals of Computers or Instructor approval

Grade Level Offered: 10-12, Credit: ½

COURSE #337/341 AP COMPUTER SCIENCE PRINCIPLES

AP Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. This course can be taken for Senior Math credit.

Prerequisite: Fundamentals of Computers, Algebra I **and** Instructor approval

Grade Level Offered: 11-12, Credit: 1

COURSE #352/353 AP COMPUTER SCIENCE A

Computer Science A (CSA) curriculum is a full-year, rigorous curriculum that introduces students to software engineering and object-oriented programming and design using the Java programming language. This curriculum covers a broad range of topics, including 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. This course can be taken for Senior Math credit.

***There will be an additional fee for this class.**

Prerequisite: Fundamentals of Computers, Algebra I, Instructor approval. Intro to IT & Programming Recommended

Grade Level Offered: 12, Credit: 1

PHYSICAL EDUCATION/HEALTH

COURSE #50 PHYSICAL EDUCATION

Physical activity is critical to the development and maintenance of good health. Through a variety of games, sports, exercise activities, and discussion, students will develop the knowledge, skill and confidence to make healthy choices and enjoy a lifetime of physical activity. PE is a required credit. Every class will include a warm-up, stretching, and running routine. Students must change their clothes and be active participants in order to pass the class. This physical education program will foster a lifetime commitment to physical activity as part of a healthy lifestyle.

Grade Level Offered: 9, Credit: ½

COURSE #91 DANCE TECHNIQUE I-IV

Designed for students interested in dance - no experience necessary. The classes consist of barre work, technique and combinations in different styles of dance along with strength and flexibility training. There will be periodic lectures on healthy living habits. Students that are pursuing dance are expected to have innumerable hours of technique work upon entering a college dance program or performing in the arts, this class will help to achieve some of those hours. Students will be working at their own level, with instructor input, to continually improve their technique. The styles covered are ballet, modern, jazz, lyrical, contemporary and tap if time allows. Students will learn dance history and how to critique dance performances. The classes perform one dance at the Christmas or Spring concert depending on which semester the class is being taken.

*** Can fulfill ½ Art Credit and/or ½ PE credit.**

Dance Technique II-IV Prerequisite: Instructor approval

Grade Level Offered: 9-12, Credit: ½

COURSE #49 HEALTH

This health program promotes quality education to prepare our students to become health literate and establish the foundation for academic success. Through a variety of units (nutrition, physical fitness, drug, alcohol, tobacco use, mental, social, and emotional health) and discussion, students will develop the knowledge, skill, and confidence to make healthy choices throughout their lifetime.

Grade Level Offered: 9-12, Credit: ½

COURSE #47 FITNESS TRAINING

This course will provide an opportunity to physically condition the body either in preparation for Bishop Foley sports specific seasons, or for personal athletic training. All students must follow a predetermined training program. Bishop Foley athletes may follow a program designed by their coaches. All programs must include weight training as well as aerobic conditioning, as each will be a part of the weekly schedules. Basic knowledge of the human body will be part of this course as well as assessment about the knowledge of proper nutrition.

Prerequisite: Physical Education

Grade Level Offered: 10-12, Credit: ½

COURSE #339 VARSITY SPORTS

This course is designed for students currently playing at the Varsity level, who have the intention of achieving particular goals in their sport. Emphasis will be placed on “in season” strength and conditioning, with emphasis on flexibility, recovery, and workouts tailored to their current sport, however the class can be taken during the off season.

*Limited to 1 semester per school year.

Prerequisite: Physical Education/ Dance Technique and **REQUIRED** to be on a varsity sport team.

Grade Level Offered: 10-12, Credit: ½

COURSE #139 TEAM SPORTS

This course will consist of numerous team sports or games that will teach students the importance of teamwork as well as making sure that they stay physically active for a lifetime. Students will develop and practice the basic skills necessary in order to compete in that specific team sport or game, with an emphasis on skill development techniques and refining them for the duration of the semester.

Prerequisite: Physical Education

Grade Level Offered: 11-12, Credit: ½

COURSE #140 THEORY AND PRACTICE OF COACHING

This is an introduction class to coaching as a profession including the ethical and legal implications. Different coaching techniques and methods are explored. Active participation will be required to implement the theories discussed and reviewed in class, with the possibility for students to intern in a selected team sport to practice these theories.

Prerequisite: Physical Education

Grade Level Offered: 11-12, Credit: ½

FINE ARTS

COURSE #109 INTRODUCTION TO ART

This course is designed to introduce the student to the language of art and design. A wide range of materials and art techniques will be used to educate the student in the basic aspects of drawing, painting, printmaking and sculpture. Art history, vocabulary, aesthetics and criticism are discussed and tested routinely.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #45 3-D STUDIO

This course is designed for students who enjoy working with their hands and want to explore the principles of 3-D design. This class covers a variety of tools and techniques used in Ceramics and Sculpture. The class will introduce several hand building techniques including pinch, coil, slab and mold methods to model clay. Further exploration will be through carving, assemblage and relief sculpture assignments. Historical and cultural influences are discussed and will be included in assessments.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #57 ADVANCED 3-D STUDIO (Pre AP)

This course is designed for students who were successful in 3-D Design and want to take their exploration of Ceramics and Sculpture to the next level. Moreover, this class will aid with the development of student portfolio submissions for the Senior A.P. Studio Art Course and college admissions. More advanced work will be done using the various techniques already learned. Students will work with various tools and materials, defining form from both realistic and abstract viewpoints. Mosaics, molds and advanced clay building concepts are covered. Students will also experiment with new sculpture techniques and the appropriate use of power tools.

***There will be an additional fee for this class.**

Prerequisite: 3-D Design or department approval

Grade Level Offered: 10-12, Credit: ½

COURSE #56 2-D STUDIO

This course is designed for the student who has a serious interest in Art and wants to enhance their technique and knowledge of drawing, painting, and printmaking. The class will take a more in-depth look at the elements and principles of design and how they can be used to successfully communicate ideas visually. Students will explore a range of mediums, materials and techniques applied to still life, figure, portrait, and landscape, abstract and conceptual assignments. Art history, vocabulary and critiques will be part of this course.

***There will be an additional fee for this class.**

Prerequisite: Introduction to Art and/or department approval

Grade Level Offered: 9-12, Credit: ½

COURSE #93 DIGITAL DESIGN

This course is offered to students who want to expand their knowledge and application of the elements and principles of design. Students will create logos, posters, and package designs and extensively explore Adobe Illustrator and Photoshop programs. Art history, aesthetics and critiques will be strong elements in this class as students develop a deeper understanding for graphic design.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #119 PAINTING I - III

Painting students will develop painting process skills, strategies, and personal themes in painting. Students will experiment with various painting mediums, types of brushstroke, personal theme, and Painting then and now. Each semester, students will complete paintings, pre-sketches, assessments (personal & peer), and critiques. Students will engage holistically with painting to develop their own personal style and evolve the methods taught into their own visual voice.

***There will be an additional fee for this class.**

Prerequisite: Introduction to Art (Painting II-III require instructor approval)

Grade Level Offered: 9-12, Credit: ½

COURSE #72/14 AP STUDIO ART

The Advanced Placement Studio Art class is for students who have demonstrated a superior grasp of art fundamentals and wish to further challenge themselves artistically. Students work with the instructor throughout the school year and attend monthly critique sessions to establish a body of work that satisfies all the requirements of the AP Studio Portfolio. This 20-piece portfolio is required for submission by early May and must be done in either 2D or 3D mediums. It will be a culmination of the student's best work. In addition to scheduled class time, students are expected to work outside of regular school hours on their assignments.

***There will be an additional fee for this class.**

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Introduction to Art plus 1 credit of additional art electives and instructor approval

Grade Level Offered: 12, Credit: 1

PERFORMING ARTS

COURSE #91 DANCE TECHNIQUE I-IV

Designed for students interested in dance - no experience necessary. The classes consist of barre work, technique and combinations in different styles of dance along with strength and flexibility training. There will be periodic lectures on healthy living habits. Students that are pursuing dance are expected to have innumerable hours of technique work upon entering a college dance program or performing in the arts, this class will help to achieve some of those hours. Students will be working at their own level, with instructor input, to continually improve their technique. The styles covered are ballet, modern, jazz, lyrical, contemporary and tap if time allows. Students will learn dance history and how to critique dance performances. The classes perform one dance at the Christmas or Spring concert depending on which semester the class is being taken.

***Can fulfill ½ Art Credit and/or ½ PE credit.**

Dance Technique II-IV Prerequisite: Instructor approval

Grade Level Offered: 9-12 Credit: ½

COURSE #90 DANCE CHOREOGRAPHY

Students will view dances by different choreographers and learn different choreographic techniques. Students will have the chance to choreograph for other students in the class or if offered in conjunction with the dance technique course they would choreograph for those students. Students will assist in demonstrations for the class and learn how to give corrections and lead a class. Students will choreograph a piece to be included in the Christmas or Spring concert depending on which semester the class is taken.

Prerequisite: Instructor approval

Grade Level Offered 11-12, Credit: ½

COURSE #108/31 CONCERT BAND I-IV

Designed for students who play a woodwind, brass, or percussion instrument only. Additional instrumentation (strings, piano, bass, etc.) may be considered at the discretion of the director and is dependent upon ensemble needs. Course objectives include the following: performance of a varied repertoire of concert band music encompassing diverse styles and levels of difficulty; music literacy; fundamental theoretical concepts; historical concepts as applicable; cultivation of confidence and musical expression through public performance; and a positive, engaging musical experience. Students will participate in seasonal concerts (Christmas and Spring), all-school liturgies, pep-rallies and sporting events (pep-band), pit orchestra for Spring Musical (by invitation only), and other public performances as necessary. Class participation, performances, practice sessions (homework), and classwork comprise the final grade.

Prerequisite: 2 years of study on a woodwind, brass, or percussion instrument. Audition may be required

Grade Level Offered: 9-12 Credit: ½

COURSE #114/115 CONCERT CHOIR I-IV

Designed for students who wish to express themselves musically in a choral/vocal ensemble. Course objectives include the following: performance of a varied repertoire of choral music encompassing diverse styles and levels of difficulty; development of basic musicianship and ensemble skills; use of vocal music as a means of expression and storytelling; cultivation of confidence and musical expression through public performance; basic harmony and theoretical concepts; and a positive, engaging musical experience. Students will participate in seasonal concerts (Christmas and Spring), all-school liturgies, important school events and other public performances as necessary. Class participation, performances, practice sessions (homework), and classwork will comprise the final grade.

Grade Level Offered: 9-12 Credit: ½

COURSE #155/257 ADVANCED PLACEMENT MUSIC THEORY

Intended for students who wish to explore musical structure, function, form, and style in a rigorous, collegiate format. This course will cover a broad range of musical topics: musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation (melodic & harmonic), sight singing, and harmony. Students will develop the ability to recognize, understand, and describe basic materials and processes of tonal music. Development of aural and performance skills via sight-singing, ear-training, and dictation. Notational skills, speed, and fluency with basic musical materials are also emphasized.

***AP CLASSES ARE FULL YEAR COURSES AND NOT PERMITTED TO BE DROPPED AT THE SEMESTER.**

Prerequisite: Two semesters of Band or Choir; the ability to read music and basic proficiency in an instrument/voice are also expected

Grade Level Offered: 10-12, Credit: 1

COURSE #51 PUBLIC SPEAKING

This course concentrates on the training of the individual student and offers the opportunity to develop confidence and effective speaking techniques. The student is trained to intelligently and logically communicate ideas and knowledge to others. Special attention is given to developing awareness and understanding of effective communication. The students learn mental, written, verbal and physical techniques of communication. Students will learn how to write speeches as well as present them. Instruction is geared to each individual's ability and topics are drawn from personal knowledge and experience.

Grade Level Offered 9-12, Credit: ½

COURSE #354 INTRODUCTION TO THEATER

This course is designed for those students who are interested in theater. It is a basic overview of theater history, technical theater and acting. The class introduces scene presentation, improvisation techniques and information on each area of technical theater. Theater history will be covered from the theater's origin through the Italian Renaissance. Scenes are presented approximately every other week in the Reader's theater style. The students will help do stage crew for the fall or spring concert depending on what semester the course is taken.

Grade Level Offered: 9-12, Credit: ½

COURSE #355 TECHNICAL THEATER

This class is for the student that wants to learn about the production end of plays. There will be a more in-depth study of makeup, costuming, set design, play directing and advertising. Play and character analysis will be introduced. Scene direction and improvisation techniques will be included to help round out the students theater knowledge.

Prerequisite: Introduction to Theater

Grade Level Offered: 9-12, Credit: ½

COURSE #356 ACTING I

This course will focus on acting techniques for the beginner thru intermediate actor. Stage movement, vocal work, scene analysis, and presentation will be the focus of this class. Makeup and costuming will also be discussed. Students will examine the various dimensions of characters through analysis, discussion, and classroom performance. Scripts from a variety of time periods and cultures will be used with some memorization being involved and, at times, required.

Prerequisite: Introduction to Theater

Grade Level Offered: 9-12 Credit: ½

COURSE #357 ACTING II

A continuation of Acting I, this class would focus on the continued development of acting skills. This course includes more advanced acting practices and techniques, including topics such as stage combat, character makeup, and script writing. The scripts used for this course will tend towards full plays rather than shorter scenes. Memorization will continue to be involved and, at times, required.

Prerequisite: Introduction to Theater and Acting I

Grade Level Offered: 10-12 Credit: ½

APPLIED ARTS & ENGINEERING

COURSE #358 VIDEO BROADCASTING, STREAMING, AND CONTENT CREATION I-III

This course will introduce students to technical skills involved in video production for Broadcast and/or Internet publication. Topics include streaming technologies and platforms, conducting interviews and reporting, broadcast journalism, script writing, and media literacy. Students will be required to film school events such as athletics events, concerts, and other activities throughout the semester.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #53 VIDEO PRODUCTION AND FILM MAKING I-III

This course requires a mastery of all skills introduced in Video Production and Filmmaking I. Students will continue developing their understanding and learn more advanced techniques used in pre-production planning, producing, directing, editing, and broadcasting. Students will work on projects focusing on various aspects of filmmaking and must effectively work as a team in order to achieve a professional style production. This class will further explore the potential applications of the adobe creative suite and push for a more in-depth look at basic special effects.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #129 INTRODUCTION TO ENGINEERING & ROBOTICS

This course will appeal to students who would like to experience the engineering design process by designing, building, wiring and programming their own robots. Students will learn safety, tool naming and use, measuring, machinery use, strength and conductivity of materials, gear ratios, building, wiring, programming, Computer Aided Design, and driving robots built by the class. Hands-on approach to learning with approximately one-third lecture and two-thirds lab work. Recommended, but not limited to those wishing to join our FIRST robotics team, *The Foley Freeze*.

***There will be an additional fee for this class.**

Grade Level Offered: 9-12, Credit: ½

COURSE #81 DESIGN ENGINEERING I

Students will utilize CAD software to create, edit, analyze, and publish designs. Autodesk Inventor and/or Fusion360 will be utilized to create parts and assemblies of moderate complexity. Hands-on exercises representing real-world, industry-specific design scenarios will be incorporated throughout the course. By the end of the semester students will see some of their designs move from concept to reality by utilizing 3D printing and other manufacturing equipment.

***There will be an additional fee for this class.**

Prerequisite: Intro to Engineering and Robotics or Instructor approval

Grade Level Offered: 10-12, Credit: ½

COURSE #82 DESIGN ENGINEERING II

Students will continue to explore CAD software, creating, editing, analyzing, and publishing more complex assemblies and parts. Design challenges will be presented, allowing students to showcase creativity and problem solving skills. By the end of the semester students will design for and utilize more advanced manufacturing methods such as a CNC router. This class will continue to utilize Autodesk Inventor and Fusion360.

***There will be an additional fee for this class.**

Prerequisite: Design Engineering or instructor approval

Grade Level Offered: 10-12, Credit: ½

COURSE #256 ENGINEERING & ROBOTICS II

This course will continue to explore engineering and manufacturing concepts. Students will learn advanced machining and manufacturing skills. Students will continue to hone their brainstorming and problem solving skills as they tackle more complex objectives. Students will work in groups to complete a final project design challenge. The course takes a hands-on approach to learning, blending classroom instruction with lab work.

***There will be an additional fee for this class.**

Prerequisite: Intro to Engineering and Robotics or Instructor approval

Grade Level Offered: 11-12, Credit: ½

COURSE #138 ENGINEERING TEACHING ASSISTANT

Students will assist in facilitating lab based activities in Engineering courses. Duties may include supervising machining, lab setup, and correcting/critiquing student work. TAs will work directly with classes to assist with completion of final projects, particularly in Intro to Engineering.

Prerequisite: Instructor approval

Grade Level Offered: 11-12, Credit: ½

MISCELLANEOUS

COURSE #99 FRESHMEN TRANSITIONS

This course will assist freshmen as they begin their high school career. Students will be actively involved in developing communication skills (verbal and written), working on note taking, study skills, and other strategies which are necessary to succeed within the rigors of a college preparatory curriculum. Counseling staff will also use this time to work on interpersonal strategies with students. Students are expected to use class time to study, prepare coursework, make-up missing assessments and keep up to date with their grades. **Students earn a pass/fail grade.**

Grade Level Offered: 9, Credit: ½

COURSE #131/132 SEMINAR

Seminar is a course designed to assist students in successfully navigating their college preparatory course work. This class will include time for personal and quiet study, organizational and study skills, and learning strategies. Students are expected to use class time to study, work on course work, make-up missing assessments and keep up to date with their grades. Counselor recommendation and/or approval. **Students earn a pass/fail grade.**

Grade Level Offered: 9-12, Credit: ½

COURSE #116 OFFICE AIDE

Students are given the opportunity to work in the offices as aides allowing them to have some time for supervised study, when time allows. Seniors will be given 1st Semester preference and Juniors 2nd Semester preference. Counselor recommendation and/or approval. **Students earn a pass/fail grade.**

Grade Level Offered: 11-12, Credit: ½

COURSE #125/126 PRIVILEGE

Seniors with a cumulative GPA of 3.00 or higher are permitted to take a Privilege hour, which allows them to be in the cafeteria or media center to study and/or socialize. Students must maintain good academic and behavioral standing to remain in Privilege - failure to do so will result in the loss of Privilege and enrollment in a standard Seminar classroom with instructor supervision. Privilege hours 2 through 6 require the student to remain on campus. If a Privilege is scheduled during hours 1 or 7, the student may come to school later or leave early in accordance with the school calendar and daily schedule. ***Core academic courses take first priority. 1st and 7th hour courses cannot be dropped in favor of adding a Privilege hour.**

Grade Level Offered: 12, No Credit

COURSE #342 TEACHING ASSISTANT

A Teaching Assistant (TA) has a role in supporting the teacher in charge and assisting in the classroom with academic help to students, lab set up and supervision, and other similar duties established by the teacher. The TA must present one content lesson to a class section or run a laboratory activity from start to finish, following a plan established by the teacher. A basic TA task log/journal must be kept of roles and activities for the semester, which will be regularly monitored by the teacher. The class in which the TA is assisting should be related to future academic and/or career goals. **Students earn a pass/fail grade.**

Prerequisite: Minimum unweighted 3.5 GPA, passed the assisting class with a minimum grade of a B, **and** teacher, counselor and administrator approval.

Grade Level Offered: 12, Credit: ½