



# HAMMOND

## Upper School Course Catalog



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# ENGLISH

## **COURSE TITLE: FOUNDATIONS IN LITERATURE AND COMPOSITION**

**Eligible Grade Level:** 9 (10, 11 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This course introduces students to foundational approaches in literature by pairing close reading with reflective writing, emphasizing critical thinking and creative engagement. Young scholars will study a wide range of texts across genres and time periods while practicing methods of analysis and writing that will support success in any academic discipline or career field. The course is structured into twelve units, each designed to follow the reading and writing process while developing writing skills and expression. Together, these units provide a foundation for continual growth as readers, writers, and thinkers by fostering intellectual curiosity, developing strong writing habits, and promoting thoughtful literary engagement.

## **COURSE TITLE: HONORS FOUNDATIONS IN LITERATURE AND COMPOSITION**

**Eligible Grade Level:** 9 (10, 11 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This course offers an advanced introduction to literature and composition by pairing close reading with reflective writing, emphasizing critical thinking and creative engagement. Young scholars will study a wide range of texts across genres and time periods while practicing methods of analysis and writing that will support success in any academic discipline or career field. In addition to the standard coursework, honors students complete additional writing and reading, moving through and reviewing material with greater independence. The course is structured into twelve units, each designed to follow the reading and writing process while developing writing skills and expression. Together, these units provide a foundation for growth as readers, writers, and thinkers by fostering intellectual curiosity, developing strong writing habits, and promoting thoughtful literary engagement.

**Prerequisite Requirements:** Teacher recommendation

## **COURSE TITLE: AMERICAN LITERATURE**

**Eligible Grade Level:** 10 (11<sup>th</sup> and 12<sup>th</sup> grade transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** A thematic examination of canonical works in American literature from the nineteenth century to the present. Each quarter introduces a separate theme. Emphasis is placed upon careful reading of the texts, critical thinking about them, and mastery of writing skills in committing that thinking to essays of various lengths and types. Oral presentations concerning the visual arts provide transitions between major units. Documentation of both primary and secondary source materials is reinforced.

**Prerequisite Requirements:** One year of high school English

## **COURSE TITLE: HONORS AMERICAN LITERATURE**

**Eligible Grade Level:** 10 (11 and 12 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** An essentially chronological survey of canonical works in American literature from the eighteenth century to the present. Emphasis is placed upon careful reading of the texts, critical thinking about them, and mastery of writing skills in committing that thinking to essays of various lengths and types. Oral presentations concerning the visual arts provide transitions between major units. Documentation of both primary and secondary source materials is reinforced.

**Prerequisite Requirements:** One year of high school English and a teacher recommendation

**COURSE TITLE: BRITISH LITERATURE**

**Eligible Grade Levels:** 11 (12 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This course examines major works of British Literature and is organized thematically. The class is designed not only to provide the historical context of canonical works but also to generate discussion and insightful writing about why these works are still important today. The overall goal of the course is to familiarize students with the British canon and to develop their reading, writing, and research skills to prepare them for senior English and AP courses.

**Prerequisite Requirements:** Two years of high school English

**COURSE TITLE: HONORS BRITISH LITERATURE**

**Eligible Grade Levels:** 11 (12 transfer students eligible with approval)

**Length of Course:** Yearlong

**Course Overview:** This course examines major works of British Literature and is organized thematically. The class is designed not only to provide the historical context of canonical works but also to generate discussion and insightful writing about why these works are still important today. The overall goal of the course is to familiarize students with the British canon and to develop their reading, writing, and research skills to prepare them for senior English and AP courses. In addition to the standard reading load, honors students read at least one extra work and write at least one additional in-class essay for each unit. In order to include these additional assignments, honors classes move at a faster pace than standard classes and review old material less frequently.

**Prerequisite Requirements:** Two years of high school English and a teacher recommendation

**COURSE TITLE: AP ENGLISH LANGUAGE AND COMPOSITION**

**Eligible Grade Levels:** 11 (12 transfer students eligible with approval)

**Length of Course:** Yearlong

**Course Overview:** The goal of this course is to help students become better readers and writers of non-fiction. As this objective suggests, the course is split evenly between writing and reading. Additionally, this course fulfills the curricular requirement for British Literature. In order to accomplish both goals, the course alternates between units focused on AP objectives and units which use texts from British Literature but maintain AP focus on the authors' linguistic and theoretical choices. This is a college-level course in which students will prepare for the AP English Language and Composition Exam. Therefore, students entering the class are assumed to have the ability to read difficult texts and to write with proficiency. Taking the AP exam is required.

**Prerequisite Requirements:** Two years of high school English and a teacher recommendation

**COURSE TITLE: WORLD LITERATURE**

**Length of Course:** Yearlong

**Eligible Grade Level:** 12 (11 transfer students eligible)

**Course Overview:** This course is a seminar-style examination of canonical works from the western tradition, largely in translation. The course is centered around discussion and in-class writing, with an emphasis on preparing for the university experience. Students are expected to enhance their close-reading skills as well as their ability to articulate personal insights and analyses, both in class and on the page.

**Prerequisite Requirements:** Three years of high school English

**COURSE TITLE: HONORS WORLD LITERATURE**

**Eligible Grade Level:** 12 (11 transfer students eligible with approval)

**Length of Course:** Yearlong

**Course Overview:** This course is a seminar-style examination of canonical works from the western tradition, largely in translation. The course is centered around discussion and in-class writing, with an emphasis on preparing for the university experience. Students are expected to master their close-reading skills as well as their ability to articulate personal insights and analyses, both in class and on the page.

**Prerequisite Requirements:** Three years of high school English and a teacher recommendation.

**COURSE TITLE: AP ENGLISH LITERATURE AND COMPOSITION**

**Length of Course:** Yearlong

**Eligible Grade Level:** 12

**Course overview:** The AP Literature and Composition course is a college-level seminar, culminating with the AP exam in May. Students will examine a number of sophisticated works, requiring a high degree of commitment and self-motivation. The class is discussion based, with an emphasis on close-reading, individual insight, and timed writing. Taking the AP exam is required.

**Prerequisite Requirements:** Three years of high school English and a teacher recommendation

# MATHEMATICS

## COURSE TITLE: **ALGEBRA I**

**Eligible Grade Level:** 9 or the year following successful completion of Pre-Algebra

**Length of Course:** Yearlong

**Course Overview:** The Algebra I course presents the normal content of first-year high school algebra as a foundation for upper-level mathematics courses. It begins with a review of the topics of Pre-Algebra and expands basic solving skills for isolating variables, manipulating polynomials, factoring, and graphing on the Cartesian Coordinate Plane.

**Prerequisite Requirements:** Pre-Algebra

## COURSE TITLE: **GEOMETRY**

**Eligible Grade Level:** 9 or the year following successful completion of Algebra I

**Length of Course:** Yearlong

**Course Overview:** Geometry in the Upper School provides students with a rigorous introduction to and survey of high school geometry, deductive logic, and proof. Major points of focus in the course include inquiry, technology, and a range of applications within which geometry can be applied, all with an aim toward sparking student interest and engagement. The course is structured to support students' transition into Upper School math by developing and extending study skills as well as content knowledge.

**Prerequisite Requirements:** Algebra I

## COURSE TITLE: **HONORS GEOMETRY**

**Eligible Grade Level:** 9 or the year following successful completion of Honors Algebra I

**Length of Course:** Yearlong

**Course Overview:** Honors Geometry in the Upper School provides students with a rigorous introduction to and survey of high school geometry, deductive logic, and proof. Major points of focus in the course include inquiry, technology, and a range of applications within which geometry can be applied, all with an aim toward sparking student interest and engagement. The course is structured to support students' transition into Upper School math by developing and extending study skills as well as content knowledge. The Honors Geometry curriculum affords students the opportunity not only to move at an accelerated pace, but also to look at a broader range of applications and at special topics in greater depth.

**Prerequisite Requirements:** Honors Algebra I and/or a teacher recommendation

## COURSE TITLE: **ALGEBRA II**

**Eligible Grade Level:** 10 or the year following successful completion of Geometry

**Length of Course:** Yearlong

**Course Overview:** Algebra II is designed to review concepts learned in Algebra 1 and Geometry, as well as explore more advanced algebraic concepts. Specifically, the course begins with a basic review of algebraic terms and the concept of equation solving. It moves on to cover higher power equations, their graphs, and their real-life applications. Throughout the course, function analysis is introduced and explored. This course is taken as a prerequisite to Precalculus, and it requires students to use and build upon previously learned Algebra I and geometry skills.

**Prerequisite Requirements:** Geometry

**COURSE TITLE: HONORS ALGEBRA II**

**Eligible Grade Level:** 10 or the year following successful completion of Honors Geometry

**Length of Course:** Yearlong

**Course Overview:** Honors Algebra II is designed to review concepts learned in Algebra I and Geometry, as well as explore more advanced algebraic concepts. Specifically, the course begins with a basic review of algebraic terms and the concept of equation solving. It moves on to cover higher power equations, their graphs, and their real-life applications. Throughout the course, function analysis is introduced and explored. This course is taken as a prerequisite to Precalculus, and it requires students to use and build upon previously learned Algebra I and Geometry skills. The Honors Algebra II curriculum affords students the opportunity not only to move at an accelerated pace, but also to look at a broader range of applications and at special topics in greater depth.

**Prerequisite Requirements:** Honors Geometry and/or teacher recommendation

**COURSE TITLE: ALGEBRA III**

**Eligible Grade Level:** 11 or the year following Algebra II

**Length of Course:** Yearlong

**Course Overview:** The study of advanced algebraic and trigonometric concepts form the foundation of this course. Specific topics of study include powers, roots, complex numbers, linear and quadratic equations and inequalities, exponential, rational, logarithmic and polynomial functions and systems, trigonometric functions and identities, inverse functions, and triangular and circular functions.

**Prerequisite Requirements:** Algebra II

**COURSE TITLE: AP PRECALCULUS**

**Eligible Grade Level:** 11 or the year following successful completion of Algebra II

**Length of Course:** Yearlong

**Course Overview:** AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications – polynomial, rational, exponential, logarithmic, polar, and parametric. Taking the AP exam is required.

**Prerequisite Requirements:** Honors Algebra II and/or teacher recommendation

**COURSE TITLE: HONORS PRECALCULUS**

**Eligible Grade Level:** 11 or the year following successful completion of Algebra II or Algebra III

**Length of Course:** Yearlong

**Course Overview:** Honors Precalculus begins with a study of trigonometry before moving on to more advanced algebra topics. The course spends a great deal of time working with different functions, especially in preparation for future calculus classes. Polar coordinates, conic sections, matrices, vectors, and sequences are also covered. The Honors sections move somewhat more quickly and look more deeply into the topics, endeavoring to ask why and how things work as they do.

**Prerequisite Requirements:** Honors Algebra II and/or teacher recommendation

**COURSE TITLE: HONORS PROBABILITY WITH CALCULUS**

**Eligible Grade Level:** 12 or the year following successful completion of Honors or AP Precalculus

**Length of Course:** Yearlong

**Course Overview:** Honors Probability with Calculus introduces students to the more advanced topics of probability and introduces the study of calculus. The course will emphasize a multi-representational approach to probability and calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally.

**Prerequisite Requirements:** Honors or AP Precalculus

**COURSE TITLE: AP CALCULUS AB**

**Eligible Grade Level:** 12 or the year following successful completion of AP Precalculus Honors

**Length of Course:** Yearlong

**Course Overview:** The AP Calculus AB course is meant to develop students' understanding of the fundamental principles of differential and integral calculus, as well as to strengthen students' reasoning and special visualization abilities. The course will provide experience with the methods and applications of calculus and prepare students for the College Board's AP Calculus Exam in the Spring. The course will emphasize a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Students will also become aware of the historical development of calculus and its cultural significance. Taking the AP exam is required.

**Prerequisite Requirements:** AP Precalculus and/or teacher recommendation

**COURSE TITLE: AP CALCULUS BC**

**Eligible Grade Level:** 12 or the year following successful completion of AP Precalculus

**Length of Course:** Yearlong

**Course Overview:** The AP Calculus BC course is an accelerated course in single variable calculus which will develop students' understanding of the fundamental principles of differential and integral calculus, and infinite sequences and series. The course will provide experience with the methods and applications of calculus and prepare students for the College Board's AP Calculus Exam in the Spring. The course will emphasize a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Students will also be exposed to the historical development of calculus and its cultural significance. Taking the AP exam is required.

**Prerequisite Requirements** AP Precalculus and /or teacher recommendation

**COURSE TITLE: AP STATISTICS**

**Eligible Grade Level:** 10, 11 and 12

**Length of Course:** Yearlong

**Course Overview:** The AP Statistics course covers gathering data, analyzing data, probability, and statistical inference. Emphasis is given to describing the distributions of quantitative variables, linear regression, experimental design, t-distributions, and chi-squared distributions. The course includes a project as well as extensive preparation for the AP exam. Taking the AP exam is required. AP Statistics cannot count as a core math class and should be taken concurrently with another math class.

**Prerequisite Requirements:** Algebra II teacher recommendation

**COURSE TITLE: ADVANCED ALGEBRA WITH DISCRETE MATHEMATICS**

**Eligible Grade Level:** 12 or the year following successful completion of AP Calculus

**Length of Course:** Yearlong

**Course Overview:** Advanced Algebra with Discrete Mathematics is a survey of advanced mathematics beyond calculus and an introduction to the typical rigor at the undergraduate level. Topics include abstract algebra, number theory, graph theory, and geometry.

**Prerequisite Requirements:** AP Calculus and teacher recommendation

**COURSE TITLE: ADVANCED TOPICS IN MATHEMATICS**

**Eligible Grade Level:** 12 or the year following successful completion of AP Calculus

**Length of Course:** Yearlong

**Course Overview:** Advanced Algebra with Discrete Mathematics is a survey of advanced mathematics beyond calculus and an introduction to the typical rigor at the undergraduate college level. Topics include abstract algebra, number theory, graph theory, and linear algebra.

**Prerequisite Requirements** AP Calculus and teacher recommendation

**COURSE TITLE: Post AP MULTIVARIABLE CALCULUS**

**Eligible Grade Level:** 12 or the year following successful completion of AP Calculus BC

**Length of Course:** Yearlong

**Course Overview:** This is a college level course with a focus on problem solving. Students will learn linear algebra in the first quarter, and they will have a full multivariable calculus course for the final three quarters.

**Prerequisite Requirements:** AP Calculus BC and/or a teacher recommendation

**COURSE TITLE: Honors Business and Personal Finance**

**Length of Course:** Yearlong

**Course Overview:** This high school Business and Personal Finance course introduces students to the essential knowledge and skills needed to navigate both the modern economy and everyday financial decisions. Students explore how businesses are formed and managed, examine ethical and social responsibilities, and analyze how markets, marketing strategies, and operations influence success. The course also emphasizes personal finance concepts, including budgeting, saving, banking, credit, investing, and risk management, with a focus on real-world applications. Through case studies, simulations, and practical decision-making activities, students develop financial literacy, critical thinking, and problem-solving skills to prepare them for informed citizenship, future careers, and responsible financial independence.

**Prerequisite Requirements:** Teacher recommendation

**COURSE TITLE: AP Business and Personal Finance**

**Length of Course:** Yearlong

**Course Overview:** The AP Business and Personal Finance course provides students with a rigorous, college-level exploration of how individuals and firms make financial and strategic decisions in a global economy. Students analyze business organization, entrepreneurship, ethics, and corporate decision-making while applying economic reasoning and quantitative analysis to real-world case studies. The course emphasizes advanced personal finance concepts such as income management, credit, investing, insurance, and long-term financial planning, with an emphasis on data interpretation and risk evaluation. Through analytical writing, simulations, and problem-based learning, students developed the critical thinking, financial literacy, and decision-making skills necessary for success in postsecondary study, professional environments, and responsible economic participation.

**Prerequisite Requirements:** Teacher recommendation

# SCIENCE

## **COURSE TITLE: BIOLOGY**

**Eligible Grade Level:** 9 (10, 11 Transfer Students Eligible)

**Length of Course:** Yearlong

**Course Overview:** This course provides an overview of living systems beginning with the chemical basis for life which then spirals into the cell and increasingly complex organisms and metabolic systems. Upon completion of this survey, interactions between living organisms and their environment complete the year. This curriculum is completed with student involvement in labs, teacher demos, worksheets, and class discussions. Guided inquiry forms the basis of many activities and labs.

## **COURSE TITLE: HONORS BIOLOGY**

**Eligible Grade Levels:** 9 (10, 11 Transfer Students Eligible)

**Length of Course:** Yearlong

**Course Overview:** The curriculum is an in-depth survey of biological science beginning with basic chemistry and biochemistry along with a thorough investigation of cells, how they work, and how they reproduce. From cells, the course begins to look at larger concepts including genetics, evolution, the classification of all living organisms, and the systems of the human body. The class is lecture-based with labs complementing each lecture unit. Each semester has a major inquiry-based lab requiring students to use knowledge they have gained in class and from reading the required text in order to draw conclusions based on the data collected.

**Prerequisite Requirements:** Teacher recommendation

## **COURSE TITLE: CHEMISTRY**

**Eligible Grade Levels:** 10 (11, 12 Transfer Students Eligible)

**Length of Course:** Yearlong

**Course Overview:** This is an introductory course in which students are exposed to the concepts of chemistry in their world. Chemistry is the study of matter and the changes it undergoes; thusly students will encounter principles, laws, theories, and more. Through demonstrations, laboratory work, and supplemental assignments and activities these concepts will be explored. Guided inquiry continues to form the basis for many activities and labs.

## **COURSE TITLE: HONORS CHEMISTRY**

**Eligible Grade Levels:** 10 (11, 12 Transfer Students Eligible)

**Length of Course:** Yearlong

**Course Overview:** The curriculum is inclusive of everything in general Chemistry but at a faster pace and in greater depth. As a pre-requisite for AP Chemistry, more experiments are completed with an emphasis on guided inquiry. Critical thinking skills are increased through exposure to multi-step problems that frequently involve abstract ideas.

**Prerequisite Requirements:** Teacher recommendation

**COURSE TITLE: PHYSICS**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** This course introduces students to topics of classical physics such as mechanics, electricity and magnetism, optics, and astronomy, and topics of modern physics such as atomic, nuclear, and particle physics and special relativity. Students develop their problem solving skills using algebra and minimal trigonometry, but greater emphasis is placed on conceptual understanding. Students perform laboratory experiments to enhance understanding of concepts, gain an appreciation for the process of experimental science, and connect what they have learned to modern technology and careers in science.

**Prerequisite Requirements:** Biology and Chemistry

**COURSE TITLE: HONORS PHYSICS**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** This curriculum parallels the general Physics curriculum but requires more challenging math and deeper understanding of concepts. This course also emphasizes the laboratory portion with an eye towards guided inquiry.

**Prerequisite Requirements:** Biology, Chemistry, and teacher recommendation

**Co-requisite:** Precalculus

**COURSE TITLE: AP ENVIRONMENTAL SCIENCE**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** The course covers a wide variety of topics adhering to the curriculum set forth by the College Board. It focuses on human impact on the Earth, its ecosystems, and ultimately, humanity. Among the topics covered are food and energy production and the pollution that is a by-product of these industries, human population growth, terrestrial and aquatic ecosystems, and how they are all interconnected. Taking the AP exam is required.

**Prerequisite Requirements:** Biology, Chemistry, and teacher recommendation

**COURSE TITLE: AP BIOLOGY**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** This curriculum adheres to the one set forth by the College Board. This course covers topics that are included in a freshman biology course at the university level. The keys to success include excellent reading comprehension, superior writing and analytical skills, and academic independence. Laboratory activities suggested by the College Board are conducted to give the student a fair representation of a university level biology lab. Taking the AP exam is required.

**Prerequisite Requirements:** Biology, Chemistry, and teacher recommendation.

**COURSE TITLE: AP CHEMISTRY**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** This class follows the prescribed curriculum set forth by the College Board. This class is intended to replicate a first year college chemistry class, which lasts for 2 semesters. Eight inquiry based labs are required, more are done. Twelve experiments are also required. The format of the class includes teacher demos, student demos, numerous lab experiences, problem solving skill work, and graph interpretation. A very challenging curriculum, it requires students to integrate the abstractions of the chemical world to complex mathematical algorithms. Taking the AP exam is required.

**Prerequisite Requirements:** Biology, Chemistry, and teacher recommendation

**COURSE TITLE: AP PHYSICS C: MECHANICS**

**Eligible Grade Levels:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** AP Physics C: Mechanics is equivalent to a one-semester, calculus-based, college-level physics course and is especially appropriate for students planning to specialize or major in physical science or engineering. The course explores topics such as kinematics, Newton's laws of motion, work, energy and power, systems of particles and linear momentum, circular motion and rotation, and oscillations and gravitation. Introductory differential and integral calculus is used throughout the course. AP exam required.

**Prerequisite Requirements:** Biology, Chemistry, and teacher recommendation

**Co-Requisite:** AP Calculus AB or BC

**COURSE TITLE: HONORS ANATOMY AND PHYSIOLOGY**

**Eligible Grade Levels:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** This course is an exploration of the various systems that make up the human body, including the interactions of those systems. In the lab portion of this class, several dissections will be performed to further understanding of the relationship between structure and function.

**Prerequisite Requirements:** Biology and teacher recommendation

**COURSE TITLE: HONORS ECOLOGY**

**Eligible Grade Levels:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Ecology looks at the interactions between living organisms with one another and with their non-living environment. Once a week, the class will meet at the South Campus where topics from lectures will be observed and reinforced. Multiple labs are included along with a tree identification book.

**Prerequisite Requirement:** Biology

**COURSE TITLE: COMPUTER SCIENCE I**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** In this semester-long, project-based course, we will study the influence and accessibility of technology to promote awareness of, and solutions to, student-identified social issues. We utilize programming techniques to design web pages and create games with the intent to disperse information and inspire interest in our topics. We also study the growing potential of robots to address our interests and learn to program them to achieve goals.

**COURSE TITLE: HONORS COMPUTER SCIENCE II**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** This semester-long course serves as an introduction to language-based computer science courses. In this course, students learn to write, debug, and read programs using the Java programming language. Students also build problem solving skills by utilizing basic data structures and common algorithms to create solutions for new programming challenges.

**Prerequisite Requirements:** Computer Science I or teacher recommendation

**COURSE TITLE: HONORS COMPUTER DESIGN**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** Design Lab is a hands-on, interdisciplinary course designed for honors and post-AP students who are ready to explore advanced design concepts and problem-solving. This course leverages Hammond Upper School Design Lab's cutting-edge technologies, including 3D printing, power tools, and laser cutting, to empower students to bring their creative engineering ideas to life. Students will engage in projects that integrate engineering, design thinking, and computational fabrication while developing critical skills such as collaboration, innovation, and adaptability.

**COURSE TITLE: AP COMPUTER SCIENCE PRINCIPLES**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** AP Computer Science Principles is designed to be the equivalent of a first-semester introductory college computing course that exposes students to the beauty and awe of computer science. The course teaches students programming while emphasizing problem solving and logic development. This course introduces students to the creative aspects of abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students engage in the creative aspects of the field by developing computational projects based on their interests. Students also develop effective communication and collaboration skills by working to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.

**Prerequisite Requirements:** Honors Computer Science II or teacher recommendation.

**Course Title: AP Computer Science A****Eligible Grade Level: 11, 12****Course Length: One Year**

**Course Overview:** AP Computer Science A is designed to be the equivalent of a college-level course in computer science focused on object-oriented programming and problem solving. The course covers the fundamental concepts of computer science using the Java programming language, with an emphasis on developing strong logical reasoning and analytical skills. Students will design, implement, and analyze programs, delving deeply into topics such as object-oriented design, program implementation with classes and inheritance, algorithm development, and fundamental data structures. The course cultivates mastery in crafting efficient, well-documented solutions to complex problems and prepares students for advanced study in computer science, engineering, and related fields.

Prerequisite: AP Computer Science Principles or Teacher Recommendation.

**COURSE TITLE: POST AP COMPUTER DESIGN****Eligible Grade Level: 11, 12****Length of Course: Yearlong**

**Course Overview:** Design Lab is a hands-on, interdisciplinary course designed for honors and post-AP students who are ready to explore advanced design concepts and problem-solving. This course leverages Hammond Upper School Design Lab's cutting-edge technologies, including 3D printing, power tools, and laser cutting, to empower students to bring their creative engineering ideas to life. Students will engage in projects that integrate engineering, design thinking, and computational fabrication while developing critical skills such as collaboration, innovation, and adaptability.

Prerequisite Requirements: AP Computer Science Principles and AP Computer Science A

**COURSE TITLE: AP SEMINAR****Eligible Grade Level: 10, 11, 12****Length of Course: Yearlong**

**Course Overview:** This course will introduce students to the fundamentals of interdisciplinary research and public speaking through the writing of reports, argumentative essays, and a team and individual presentation. The first semester focuses on skills which will then be applied in the second semester for their college board exam. This is a rigorous course, that requires independent work and teamwork.

**Prerequisite Requirements:** Teacher Recommendation

**COURSE TITLE: AP RESEARCH****Eligible Grade Level: 11, 12****Length of Course: Yearlong**

**Course Overview:** Students will build on what they learned in AP Seminar to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, you will design, plan, and conduct a year-long research-based investigation to address a research question. The skills that will be obtained include: conducting independent research, analyzing sources and evidence, Applying context and perspective, writing a college-level academic paper, presenting research findings to an audience. AP Research is an interdisciplinary course that encourages students to demonstrate critical thinking and academic research skills on a topic of the student's choosing.

**Prerequisite Requirements:** AP Seminar

# HISTORY

**COURSE TITLE: WORLD HISTORY I**

**Eligible Grade Level:** 9 (10, 11 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This course provides an exploration of the patterns of civilization and empire across world cultures from prehistory-1500. It emphasizes mastery of the dialectic essay, developing an awareness and understanding of primary and secondary sources, and identifying connections across cultures.

**COURSE TITLE: HONORS WORLD HISTORY I**

**Eligible Grade Level:** 9 (10, 11 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This course provides an exploration of the patterns of civilization and empire across world cultures from prehistory-1500. Emphasizes mastery of the dialectic essay, developing an awareness and understanding of primary and secondary sources, and identifying connections across cultures. Honors requirements include supplemental readings of selected primary sources with additional writing assignments. An interest in the subject material and superior verbal skills are imperative.

**Prerequisite Requirements:** Teacher recommendation

**COURSE TITLE: WORLD HISTORY II**

**Eligible Grade Level:** 10 (11, 12 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** This is a companion course to World History I, covering the period from the late Middle Ages to modern day. Students study the socio-economic, political, and cultural environments of the time period, focusing on the key activities and events that shaped today's world. Using primary and secondary sources, students use their analytical and interpretative skills as they conduct inquiry-based research and participate in interactive discussions. Performance criteria include reading comprehension, analytical compositions, factual reasoning, and research papers.

**Prerequisite Requirements:** World History I

**COURSE TITLE: HONORS WORLD HISTORY II**

**Eligible Grade Level:** 10 (11, 12 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** Students will study the socio-economic, political, and cultural environments of the late Middle Ages through today. Using primary and secondary sources, students sharpen their interpretive skills as they conduct inquiry-based research and participate in interactive instructions. Honors level classes incorporate a greater emphasis on essay writing in preparation for later AP classes. Students are asked to read supplemental texts and documents.

**Prerequisite Requirements:** World History I and teacher recommendation

**COURSE TITLE: AP EUROPEAN HISTORY**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** This course focuses on the study of European History since 1450. Emphasis is placed on the social, economic, cultural, and political developments that have contributed to the world of today. The class culminates in the completion of the AP European History Exam. Students who succeed in this course will be well prepared for college history courses. Taking the AP exam is required.

**Prerequisite Requirements:** World History I and a teacher recommendation

**COURSE TITLE: UNITED STATES HISTORY**

**Eligible Grade Level:** 11 (12 transfer students eligible)

**Length of Course:** Yearlong

**Course Overview:** The objective of this course is to familiarize students with the major events in American history from the discovery of the continent by Europeans to the present. The meaning of the word “American” has changed over time, and the recurring theme is American identity. Critical thinking, accurate interpretation of both secondary and documentary material, and development of essay writing skills are all essential to success.

**Prerequisite Requirements:** World History I and World History II

**COURSE TITLE: HONORS UNITED STATES HISTORY**

**Eligible Grade Level:** 11 (or 12 for transfer students)

**Length of Course:** Yearlong

**Course Overview:** The objective of this course is to familiarize students with the major events in American history from the discovery of the continent by Europeans to the present. The meaning of the word “American” has changed over time, and the recurring theme is American identity. Critical thinking, accurate interpretation of both secondary and documentary material, and development of essay writing skills are all essential to success. Honors level classes use supplemental documents for additional analytical writing assignments.

**Prerequisite Requirements:** World History I, World History II, and teacher recommendation.

**COURSE TITLE: AP UNITED STATES HISTORY**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** This course covers the period of American history from the Spanish conquest of the late fifteenth century to the present. Students who succeed in this course will be well prepared for college history courses. Taking the AP exam is required.

**Prerequisite Requirements:** World History I, World History II, and a teacher recommendation

**COURSE TITLE: AP UNITED STATES GOVERNMENT AND POLITICS**

**Eligible Grade Level:** 12

**Length of Course:** Yearlong

**Course Overview:** This course is designed to give students an analytical perspective of government and politics of the United States. Primary topics include constitutional underpinnings of the government structure, political beliefs and behaviors, interest groups and mass media, organization of powers, civil rights and liberty, and public policy. The class is designed to serve as an introductory, college level course in American political science. The class culminates in the completion of the AP exam. Taking the AP exam is required.

**Prerequisite Requirements:** United States History and teacher recommendation

**COURSE TITLE: HONORS HISTORY OF RELIGION**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** History of Religion focuses on an academic approach to the study of comparative world religions. Students will study the history, theology, and practices of the world's most common religions, with particular emphasis on: Buddhism, Hinduism, Judaism, Christianity, and Islam.

**Prerequisite Requirements:** World History I and teacher recommendation

**COURSE TITLE: ECONOMICS**

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** The emphasis in this course will be a basic description and analysis of the market economy. The course is designed to help students understand the cost, benefit, and consequences of economic decisions on the personal, business, and global levels.

**Course Title: GOVERNMENT**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** This course is an in-depth study of the U.S. Constitution and the three branches of United States government: legislative, executive, and judicial. Current events will be read and discussed throughout as a way of connecting modern government to the plans of the founders.

**Course Title: AP Psychology**

**Eligible Grade Level:** 11, 12 Grades

**Length of Course:** Yearlong

**Course Overview:** The Advanced Placement Psychology course is a rigorous and introductory college-level psychology course, designed for students to cultivate their understanding of the systematic and scientific study of human and animal behavior and mental processes. The course will cover concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. In addition, students will explore psychological theories, principles, and phenomena associated with major subfields. The course prepares students for the AP Psychology Exam in May.

**Prerequisites:** Applied Psychology

**COURSE TITLE: APPLIED PSYCHOLOGY**

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** This course is designed to be an introduction to the field of psychology and as such, it will review the basic principles, main terminology, major theories, and practical applications of psychology. In addition, this course will focus on the study of human behavior and its relationship with performance (athletic, artistic, business) and will address topics such as personality development, problem-solving, intelligence, memory, from unconscious to conscious concepts, motivation, thoughts, feelings, and emotions, stress and arousal, imagery, and self-talk skills. Students attending the course will be expected to engage with the material covered as a way to better understand how our mind works and how our thoughts affect our emotions, our feelings, and our overall behavior. themselves as leaders. The course consists of reading materials, group projects, and short writing assignments.

**COURSE TITLE: 20<sup>th</sup> Century Military History**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** This course provides students with an opportunity for in-depth study of major military conflicts of the mid- to late-twentieth century, particularly World War II and the Cold War. Throughout the course, students seek to understand the significance of these conflicts in history as well as to current events. This course involves the study of military command and battlefield tactics but also focuses substantial attention on how these conflicts affected the politics, economies, societies, and cultures of countries across the globe. Students in this course should expect frequent reading and writing assignments, some of which will require outside research.

**Course Title: Honors American History Research Seminar**

**Grade Level:** 12

**Length of course:** Yearlong

**Course Overview:** This course is an honors level seminar in American history for students who have completed college preparatory, honors, or AP United States history. The goal is to provide students with a more comprehensive study of smaller periods of American history and introduce historical research. Semester one is a close examination of the American Civil War Era and semester two is a study of the military history of the Second World War. Each semester, students will identify a research question and complete a semester-long research project. Class periods are divided between lectures, discussions, and activities to help students with their research projects.

**COURSE TITLE: HONORS INTRO TO PHILOSOPHY****Eligible Grade Level:** 10 11, 12**Length of Course:** Semester

**Course Overview:** This course introduces students to basic philosophical ideas and focuses on the connection between philosophy and an individual's worldview. Students will journey through multiple branches of western philosophy, including logic (how arguments are made), epistemology (the study of knowledge), metaphysics (the study of meaning and purpose), philosophy of religion (arguments for/against god's existence), value theory (what makes a life good?) political philosophy (how to organize society), and ethics (making moral judgments, understanding ethical theories, and applying ethical thought to real-life situations). Students will work throughout the semester to identify their own worldviews and to understand how worldview impacts philosophical beliefs, and to consider how different philosophical ideas may impact their developing worldviews. Students will also work to understand and empathize with those who hold different worldviews and will practice the art of respectful philosophical discourse and questioning. After all, in the words of Socrates, "The unexamined life is not worth living." Let's start examining!

Students should expect: In-class reading assignments, in-class writing assignments, quizzes (approx. 10), two quarter tests, final exam, additional out-of-class reading assignments, one short (2-3 page) primary reading and response paper, and one longer (5-6 page) philosophical idea research paper. Additionally, answers on quizzes and tests will be graded more thoroughly, and a higher level of critical thinking and understanding will be expected (than for standard students).

**COURSE TITLE: INTRO TO PHILOSOPHY****Eligible Grade Level:** 9 (10, 11 transfer students eligible)**Length of Course:** Semester

**Course Overview:** This course introduces students to basic philosophical ideas and focuses on the connection between philosophy and an individual's worldview. Students will journey through multiple branches of western philosophy, including logic (how arguments are made), epistemology (the study of knowledge), metaphysics (the study of meaning and purpose), philosophy of religion (arguments for/against god's existence), value theory (what makes a life good?) political philosophy (how to organize society), and ethics (making moral judgments, understanding ethical theories, and applying ethical thought to real-life situations). Students will work throughout the semester to identify their own worldviews and to understand how worldview impacts philosophical beliefs, and to consider how different philosophical ideas may impact their developing worldviews. Students will also work to understand and empathize with those who hold different worldviews and will practice the art of respectful philosophical discourse and questioning. After all, in the words of Socrates, "The unexamined life is not worth living." Let's start examining!

Students should expect In-class reading assignments, in-class writing assignments, occasional homework, quizzes (approx. 10), two quarter tests, and a final exam.

# WORLD LANGUAGES

## French

COURSE TITLE: **FRENCH I / FRENCH I HONORS**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Students are introduced to the language through vocabulary and expressions in context that can be applied in real-life situations. Emphasis is placed on the interpersonal, interpretive, and presentational modes of communication through the use of a variety of performance-based activities and projects. Students read advertisements, classified ads, short stories, and poetry. The course also introduces students to the French and Francophone cultures.

COURSE TITLE: **FRENCH II / FRENCH II HONORS**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Students continue to develop proficiency using the interpersonal, interpretive, and presentational modes of communication while engaging in performance-based activities and projects. Students learn more advanced structures, read passages with a more difficult syntax, and write more sophisticated compositions. Students continue to explore the French and Francophone cultures.

**Prerequisite Requirements:** French I

COURSE TITLE: **FRENCH III / FRENCH III HONORS**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** The course is a comprehensive review of concepts and skills previously acquired with further exploration of grammatical structures. Students read from a variety of sources such as Internet articles, poems, short stories, etc. Students write an essay based on sources, read *Le Petit Prince* and complete several performance-based projects. The French and Francophone cultures are studied in more depth through readings, listening, and research.

**Prerequisite Requirements:** French II

COURSE TITLE: **FRENCH IV / FRENCH IV HONORS**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** Language acquisition and skills are further refined through the practical application of all language components. Reading and speaking are major components of the course. Students read the book *La Gloire de Mon Père* and complete a performance-based project. The French and Francophone cultures are studied in more depth through further readings, listening, and research.

**Prerequisite Requirements:** French III

**COURSE TITLE: AP FRENCH LANGUAGE AND CULTURE**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** AP French Language and Culture is an advanced course conducted almost exclusively in French around the three modes of communication (interpretive, interpersonal, and presentational).

Additionally, the course is designed around the six AP themes: Personal and Public Identities, Global Challenges, Beauty and Aesthetics, Families and Communities, Science and Technology, and Contemporary Life. As students progress through the themes, they examine and analyze various aspects of Francophone cultures through authentic written and audio texts, as well as make connections and comparisons between their community and the Francophone communities being studied in regards to products, practices, and perspectives. Taking the AP exam is required.

**Prerequisite Requirements:** French III and a teacher recommendation

## Spanish

**COURSE TITLE: SPANISH I**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish I is an introductory course that provides students with the basic skills needed for successful reading, writing, speaking, and listening at the novice proficiency level. There is a strong focus on acquiring and understanding grammar structures and patterns and then applying them in conversation. The course also includes cultural and historical material relating to the Spanish-speaking world.

**COURSE TITLE: SPANISH II**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish II is designed to increase language proficiency and build on the introductory skills acquired in Spanish I. Students learn new grammatical structures and linguistic concepts as well as expand their vocabulary related to everyday living and apply them in conversational settings. The study of cultural, historical, and present-day issues of the Spanish-speaking world are also featured throughout the course.

**Prerequisite Requirements:** Spanish I

**COURSE TITLE: HONORS SPANISH II**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish II is designed to increase language proficiency and build on the introductory skills acquired in Spanish I. Students learn new grammatical structures and linguistic concepts as well as expand their vocabulary related to everyday living and apply them in conversational settings. The study of cultural, historical, and present-day issues of the Spanish-speaking world are also featured throughout the course.

**Prerequisite Requirements:** Spanish I and teacher recommendation

**COURSE TITLE: SPANISH III**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish III is designed to provide students with a review of previously learned structures, as well as continuing to explore more complex ones. Students will continue to develop the productive skills of writing and speaking, as well as the receptive skills of reading and listening. Lessons will include discussions related to the cultures of Spanish-speaking communities around the world.

**Prerequisite Requirements:** Spanish II

**COURSE TITLE: HONORS SPANISH III**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish III is designed to provide students with a review of previously learned structures, as well as continuing to explore more complex ones. Students will continue to develop the productive skills of writing and speaking, as well as the receptive skills of reading and listening. Lessons will include discussions related to the cultures of Spanish-speaking communities around the world.

**Prerequisite Requirements:** Spanish II and teacher recommendation

**COURSE TITLE: SPANISH IV**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish IV students will truly start to feel comfortable conversing and thinking in Spanish. In Spanish IV, the overall mission is not to merely study the language as an entity, but instead to use the study of language to explore the literature, history, and culture of the Spanish-speaking world. For this reason, students complete frequent readings, projects, and presentations comprising a range of related topics.

**Prerequisite Requirements:** Spanish III

**COURSE TITLE: HONORS SPANISH IV**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Spanish IV students will truly start to feel comfortable conversing and thinking in Spanish. In Spanish IV, the overall mission is not to merely study the language as an entity, but instead to use the study of language to explore the literature, history, and culture of the Spanish-speaking world. For this reason, students complete frequent readings, projects, and presentations comprising a range of related topics.

**Prerequisite Requirements:** Spanish III and teacher recommendation

**COURSE TITLE: AP SPANISH LANGUAGE AND CULTURE**

**Eligible Grade Level:** 11, 12

**Length of Course:** Yearlong

**Course Overview:** The AP Spanish Language and Culture course fully incorporates the four traditional communicative skills of reading, writing, listening, and speaking, and it does so in a way that emphasizes social understanding of cultures throughout the Spanish-speaking world. Taking the AP exam is required.

**Prerequisite Requirements:** Spanish IV and teacher recommendation

# FINE ARTS

## **Advanced Placement Arts**

**COURSE TITLE: AP ART AND DESIGN: 2D**

**Eligible Grade Level:** 11, 12

**Length of course:** Yearlong

**Course Overview:** AP Studio Art: 2D Design Portfolio is an art production course. The goal is for students to make art that effectively illustrates proficiency with the elements and principles of design. Students develop and strengthen their skills while creating a wide variety of visual imagery in the fall semester. Students investigate their own ideas in the spring semester. Students' completed portfolios are submitted to the College Board in May; no written exam is required. Students are required to display their final projects in school exhibits and may use this work in college applications and art competitions.

**Prerequisite Requirements:** Teacher recommendation

**COURSE TITLE: AP ART AND DESIGN: 3D**

**Eligible Grade Level:** 11, 12

**Length of course:** Yearlong

**Course Overview:** AP Studio Art: 3D Design Portfolio is a sculpture course that emphasizes mastery of form making, craftsmanship, and design. The students' completed portfolios are submitted to College Board in May; no written exam is required. Students are required to display their final projects in school exhibits and may use this work in college applications and art competitions.

**Prerequisite Requirements:** Teacher Recommendation

## **Band**

**COURSE TITLE: CONCERT BAND**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Concert band is an Upper School course designed for students who play traditional band instruments: woodwinds, brass, and percussion. This is a performance-based course and may require students to participate in competitions, music festivals, and after school and/or evening performances during the school year.

Course can be taken multiple times.

## Music

**COURSE TITLE: CHORUS**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Chorus is a non-auditioned performance-based ensemble for beginning, intermediate, and advanced upper school singers. Students explore various composers and elements of music including theory, history, and style through repertoire and performance. Students experience a scheduled season of performances throughout the year.

Course can be taken multiple times.

**COURSE TITLE: DUAL ENROLLMENT MUSIC APPRECIATION**

**Eligible Grade Level:** 11, 12

**Length of Course:** Semester

**Course Overview:** Students will develop a perceptive listening and an appreciation of musical elements, forms, and style periods, including composers' lives, individual styles, and representative works.

## Drama

**COURSE TITLE: DRAMA**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Semester

**Course Overview:** This beginning acting course introduces student actors to the basics of self-expression for the stage. Students develop technical, personal, and collaborative skills through the process of casting, staging, script analysis, objectives and beats, use of props, technical theatre, rehearsal and performance.

Course can be taken multiple times.

**COURSE TITLE: ADVANCED DRAMA**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Advanced Drama is divided into two parts. The first half of the course explores historical periods of theatre history including (but not limited to) style, theory, and text analysis. Use of proper vocal production and expressive body movements are incorporated into all acting assignments. The work encourages empathy and self-awareness. Students are challenged with monologue and scene study from classical and modern playwrights. The second half of the course can be devoted to the specific challenges of musical theatre. Training prepares students to confidently combine the skills of acting, singing, and dancing. Students are required to present believable characters through both acting and song. By the end of the entire course, the students will have produced a repertoire for auditions of any nature.

**Prerequisite Requirements:** Drama

Course can be taken multiple times.

## Dance

**COURSE TITLE:** DANCE

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Students learn ballet, jazz, and musical theatre technique. Weekly stretch classes and a unit on nutrition are taught as well. Dancers have the opportunity to perform in the spring musical.

Course can be taken multiple times.

## Theatre Tech

**COURSE TITLE:** TECHNICAL THEATRE

**Eligible Grade Level:** 9, 10, 11, 12

**Length of Course:** Semester

**Course Overview:** Technical Theatre introduces students to the fundamentals of working behind the scenes. Students participate in the daily running of the theatre, getting hands on experience in carpentry and painting techniques. The operation of sound and lighting equipment is also covered.

Course can be taken multiple times.

## Visual Art

**COURSE TITLE:** ART 2D FOUNDATIONS

**Eligible Grade Level:** 9, 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 2D Foundations introduces the techniques of graphic design, drawing and painting. Beginning at their existing skill level, students learn how to improve and apply their skill in new ways.

Course can be taken multiple times.

**COURSE TITLE:** ART 2D INTERMEDIATE

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 2D Intermediate is an exploration of painting and drawing techniques. Projects are designed to build existing skills and introduce new ones. Work created in this class is featured in student art exhibits on campus, is eligible for regional and national competitions.

**Prerequisite Requirements:** Art 2D Foundations

Course can be taken multiple times.

**COURSE TITLE: ART 2D ADVANCED**

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 2D Advanced offers further exploration of painting and drawing techniques with an emphasis on creating images selected by the student. Conceptual and theoretical approaches to artistic methods are used as a springboard to self-expression. Work created in this class is featured in student art exhibits on campus, is eligible for regional and national competitions.

**Prerequisite Requirements:** Art 2D Foundations and Art 2D Intermediate or equivalent with approval  
Course can be taken multiple times.

**COURSE TITLE: ART 3D FOUNDATIONS**

**Eligible Grade Level:** 9, 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 3D Foundations introduces the processes of three-dimensional design. Using clay as the primary medium, students learn how to hand-build one-of-kind creations with coils, slab, and modeling techniques.

Course can be taken multiple times.

**COURSE TITLE: ART 3D INTERMEDIATE**

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 3D Intermediate is a course designed to promote individual expression and ideas while gaining a more thorough understanding of the nature of form and function. A variety techniques and processes provide a basis for gaining an insight into 3D design.

**Prerequisite Requirements:** Art 3D Foundations  
Course can be taken multiple times.

**COURSE TITLE: ART 3D ADVANCED**

**Eligible Grade Level:** 10, 11, 12

**Length of course:** Semester

**Course Overview:** Art 3D Advanced is a focused exploration of sculpture. Complex problems in hand-building and mixed media construction are created with a greater emphasis on personal direction. Over the course of the semester, students develop a portfolio of works that reflect breadth and depth in media and content.

**Prerequisite Requirements:** Art 3D Foundations and Art 3D Intermediate or equivalent with approval  
Course can be taken multiple times.

## **Yearbook**

**COURSE TITLE: YEARBOOK**

**Eligible Grade Level:** 10, 11, 12

**Length of Course:** Yearlong

**Course Overview:** Yearbook students learn Herff Jones eDesign (an online editing and layout program), take pictures, write stories and narratives on school-related subjects, produce the yearbook and supplement, and participate in organizing and executing Annual Day.

Course can be taken multiple times.