



SALPOINTE CATHOLIC HIGH SCHOOL

2024-2025

COURSE CATALOGUE





MISSION STATEMENT

Salpointe Catholic is a college-preparatory high school in the Carmelite tradition of prayer, community, and service. We offer our diverse student/parent population a holistic education which fosters faith, encourages the pursuit of excellence, develops servant leaders, affirms the dignity of individuals, and promotes global social justice.

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Academic Program

Salpointe's holistic education recognizes and advances our students' academic, social, physical, emotional and spiritual development to prepare them for the rigors of the collegiate world and beyond. Salpointe believes that the greatest service we can provide our students is to instill in them a love of learning and to provide them with the necessary skills to pursue God's plan for their lives.

CREDIT ACCUMULATION

Courses earning one credit meet for the entire academic year. Courses earning a .5 credit meet for one semester. Prerequisites are clearly stated at the end of each course description. Grade requirements refer to the final grade earned for the course. Students are responsible for keeping track of their credits. They should refer to the course catalog or contact their counselors with questions. Salpointe provides the opportunity and resources for all students to complete the academic programs that meet their needs.

COLLEGE RECOMMENDING GRADES

The educational program offered at Salpointe Catholic is constructed to provide each student with the opportunity to achieve his/her maximum potential and pursue his/her special talents. Since more than 98% of Salpointe Catholic students continue their education after high school, parents need to note that there is a difference between a passing grade of a "D" at Salpointe, which earns credit for graduation, and a college-recommending grade of a "C" or better. It is strongly recommended that students consider the admissions requirements for the specific schools in which they are interested in applying.

COURSE LOAD REQUIREMENTS

All students are automatically scheduled for seven periods each semester totaling six to seven credits. Summer school is mandatory for all students who fail any course(s) or earn a "D" in mathematics. All mathematics courses at Salpointe have a prerequisite of 70% or better to take the next mathematics course in sequence. Summer school is strongly recommended for students earning a "D" in any core subject ("D's" are not college-recommending grades). For more information please contact the student's class counselor.

COURSE SELECTION, CHANGES AND DROPS

Choosing an appropriate program of studies is an important part of each student's high school responsibilities. Parents/guardians are encouraged to participate actively in the annual process of selecting courses that meet the needs of their students. Alternate courses must be selected for every course in case the preferred choices are not available due to scheduling conflicts or changes in enrollment. After a student has been registered and has received his/her schedule, he/she may not change that schedule without prior approval of the counselors and payment of a \$50 fee (unless the change has been initiated by Salpointe). Salpointe takes great care in correctly placing and registering students. Schedule changes are permitted only as an exception when one of the following criteria is met:

1. Department approval based on student ability;
2. Desire to take a heavier academic load (if space is available);
3. Misplacement in a course.

Not needing a course for graduation or wanting to have a different teacher/lunch period is not sufficient reason for dropping a course. Full credit courses must be taken for a full school year. A parent/guardian must approve all schedule changes. All requests to change a course must be filed with the student's counselor according to the guidelines of registration. The request will be reviewed according to the above mentioned criteria and appropriate action will be decided upon. The deadline for parent and student-initiated schedule changes is seven days after the first day of the semester. Please refer to the information regarding schedule changes on the resources page in MyPointe.

SUMMER SCHOOL AND OFF-CAMPUS COURSES

Students taking a summer course to make up for a failure in any course or a "D" or "F" in mathematics must either take that course at Salpointe or receive administrative approval to enroll elsewhere. If the course is not offered at Salpointe, students must contact their class counselor to review alternative options.

Advanced Placement Program

The Advanced Placement (AP) Program of the College Board allows high schools to join forces with colleges and universities to provide high school students with an introduction to the rigorous expectations of freshman-level college courses. All courses in the AP program use college-level textbooks and supplemental readers. AP students are prepared for and required to take the AP exams in the spring. Depending on their AP exam scores, students may earn credit and/or advanced placement at participating colleges and universities. While there is no fee for taking an AP class, the student is responsible for paying a College Board fee for each AP exam. Full credit AP courses must be taken for the full school year. Students may not drop a full credit AP course at the semester break. Students should select courses in accordance with academic goals, ability and extra-curricular time constraints. With the current AP audit requirements, Salpointe Catholic AP course titles match the corresponding College Board AP exam titles.

Salpointe AP-designated courses are:

- AP Art History
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP English Language and Composition
- AP English Literature and Composition
- AP French Language and Politics
- AP Human Geography
- AP Latin: Caesar and Vergil
- AP Macroeconomics
- AP Microeconomics
- AP Physics C
- AP Psychology
- AP Seminar
- AP Spanish Language
- AP Spanish Literature
- AP Statistics
- AP Studio Art: 2D Design
- AP Studio Art: 3D Design
- AP U. S. Government
- AP U. S. History
- AP World History: Modern





Dual Credit Courses

Salpointe Catholic High School has partnered with Seton Hill University and the University of Arizona to offer a selection of courses from our curriculum that will also earn college credit. Both Seton Hill University and the University of Arizona will charge an additional tuition fee for students choosing the dual credit option. Students should keep in mind that though they will be earning college credit, each university has its own policy regarding the transfer credits they will accept. Students should check with the universities in which they are interested to determine if they will accept the transfer credits. The courses offered for dual credit with Seton Hill University and the University of Arizona are the following.

Salpointe Catholic Course

1610 Eng 12: Native/Latin American Literature

1651 English 12: Modern Classics & Satire Honors

8075 Advanced 3D Art: Sculpture and Ceramics

8405 Lancer Marching Band

8460 Maroon and Gold Lancer Jazz Bands

3481 Precalculus with Trigonometry Honors

4371 Environmental Biology Honors

4372 AP Chemistry

4492 AP Physics C

4342 AP Biology

5667 AP Microeconomics

5567 AP Macroeconomics

2276 US History Honors: History of American Theologies

6831 Latin III Honors

6840 Latin IV

Salpointe Catholic Course

4381 Biotechnology Honors

4391 Biotechnology II Honors

4701 Engineering 102

Seton Hill Course

SEL 151 Topics in Literature:
Mexican/Native American Literature

SEL 263 Topics in World Literature:
Modern Classics of Fiction, Drama & Satire

SAR 225 Clay

SMU 182 Griffin Band

SMU 172 Jazz Combo

SMA 120 Precalculus

SBL 145 The Environment: Issues & Choices

SCH 140 General Chemistry I

SCH 141 General Chemistry Laboratory

SPH 110 General Physics I

SBL 150 General Biology I

SBL 151 General Biology I Laboratory

SEC 101 Principles of Microeconomics

SEC 102 Principles of Macroeconomics

SRT 285 Topics in Theology: History of American Theologies

SLT 105 Elementary Latin Language & Culture II

SLT 200 Introduction to Latin Literature

University of Arizona Course

MCB 101 Molecular and Cell Biology

MCB 102 Molecular and Cell Biology

ENGR 102 Engineering

University registration periods will be open only during the first two weeks of the semester for classes that give dual credit through University of Arizona and Seton Hill University.



Humanities Program

The Humanities Program is a challenging two-year honors program offered to highly motivated students. Established in 1978, the program provides an integrated, interdisciplinary, multi-cultural approach needed by students to actively take part in their communities and a complex global universe. All placements in the Humanities Program require department approval.

HUMANITIES I: THE U.S. EXPERIENCE (11)

U.S. History/Literature/Fine Arts/Theology

A thematic approach is woven throughout the coursework with a focus on the ideology and reality of the American principle of "all men are created equal" from the Declaration of Independence. Summer reading assignments are required. Several combinations of courses within the Humanities curriculum are available; options are listed below. Courses count toward English, social studies, Theology and fine arts graduation requirements.

Prerequisites: GPA of 3.5 or higher and department approval. A writing assessment may be required. Exceptions may be made on an individual basis.

OPTION 1

HUMANITIES I HONORS (2.5 credits total)

- 1771 American Literature Honors (one credit)
- 5776 U.S. History Honors (.5 credit)
- 2776 U.S. History Honors: History of American Theologies (.5 credit)
- 8776 American Culture & Art Honors (.5 credit)

OPTION 2

AP HUMANITIES I (three credits total)

- 1782 AP English Language and Composition (one credit)
- 5782 AP U.S. History (one credit)
- 2776 U.S. History Honors: History of American Theologies (.5 credit)
- 8776 American Culture & Art Honors (.5 credit)

OPTION 3

HUMANITIES I HONORS W/ AP ENGLISH LANGUAGE (2.5 credits total)

- 1782 AP English Language and Composition (one credit)
- 5776 U.S. History Honors (.5 credit)
- 2776 U.S. History Honors: History of American Theologies (.5 credit)
- 8776 American Culture & Art Honors (.5 credit)

OPTION 4

HUMANITIES I HONORS W/ AP U.S. HISTORY (three credits total)

- 1771 American Literature Honors (one credit)
- 5782 AP U.S. History (one credit)
- 2776 U.S. History Honors: History of American Theologies (.5 credit)
- 8776 American Culture & Art Honors (.5 credit)

HUMANITIES II: THE GLOBAL EXPERIENCE (12) Two credits

AP English Literature / AP Art History

Focus on worldviews and universal concerns of human existence in Western civilization within the broad context of literature, philosophy and art. Courses count toward English and fine arts graduation requirements. Students are strongly encouraged to enroll in both courses to maximize their Humanities Program experience. Summer reading assignments are required.

Prerequisites: GPA of 3.5 and department approval. Exceptions may be made on an individual basis.

HUMANITIES II

1882 AP English Literature and Composition

8882 AP Art History

5776 U.S. HISTORY HONORS (11) .5 credit

Studies our recurring struggles for independence and identity, the emergence into international prominence and the challenge of our present world role. Students will be involved in historical research of primary documents. Summer assignments are required.

Prerequisite: Cumulative GPA of 3.5 or higher. A writing assessment may be required.

2776 U.S. HISTORY HONORS: HISTORY OF AMERICAN THEOLOGIES (11) .5 credit

Dual credit optional - see page 6 for more information.

This course is part of Humanities I: The U.S. Experience.

This course studies recurring struggles for independence and identity in conjunction with the history of religion in the United States from the historical perspective of the Protestant and Roman Catholic faiths, with attention given to minority groups which illustrate the diversity and liberty developed through U.S. history. The course requires participation in a summative cross-discipline project evaluating the extent to which the principles of the Declaration of Independence have been realized in the United States. Central to this course are two basic principles: the fundamental freedoms of conscience and religion that are recognized and codified in our Constitution continue to empower and inspire; and the experience and understanding of various individuals and groups as they practiced their faiths have had significant and enduring impacts on the history of our country. Included in the course are applications of the First Amendment Religious Liberty clauses, colonial beginnings, principles of the Founders, impacts on Native peoples, 19th century social reforms, frontier expansion and the Second Great Awakening, impacts of immigration and social changes in 19th and 20th centuries, the Social Gospel and Progressivism, the Civil Rights Movement and the ongoing commitment to ensure human dignity and equality.

Prerequisite: GPA of 3.5. A writing assessment may be required

1771 AMERICAN LITERATURE HONORS (11) One credit

Explores the origins of American literature in Native American oral tradition and continues the study of literature within a historical, philosophical and theological context throughout modern and contemporary works of fiction, non-fiction and poetry. Emphasizes careful reading and close textual analysis in the AP approach, including interpretation and analysis of multiple genres. The writing component of the course includes both critical and creative papers as well as individual and group presentations. Strong emphasis is given to rhetorical analysis, interpretation and synthesis skills as well as research and vocabulary study. Summer assignments are required.

Prerequisite: GPA of 3.5. A writing assessment may be required.

8776 AMERICAN CULTURE AND ART HONORS (11) .5 credit

This course is designed to work within the Junior Humanities program to provide an expansive introduction to American culture and history. Coverage includes basic visual literacy concepts and the historical development of art movements from the colonial period to the present. Questions guiding this semester include, but are not limited to: How has artistic production reflected "American identity"? How has the "American experience" shaped artistic production? How do artists expose successes or failures in living out the ideals of the Declaration of Independence? Summer assignments are required.

Prerequisite: GPA of 3.5. A writing assessment may be required.

5792 AP U.S. HISTORY (11) One credit

In AP U.S. History, students investigate significant events, individuals, developments and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, continuity and change. The course provides eight themes that students explore in order to make connections among historical developments in different times and places: American and national identity; work, exchange and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Students practice the thinking skills used by historians by studying primary and secondary source evidence, analyzing a wide array of historical evidence and perspectives, and expressing historical arguments in writing. Summer assignments are required. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5. A writing assessment may be required.

1792 AP ENGLISH LANGUAGE AND COMPOSITION (11) One credit

AP English Language and Composition focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts and the decisions writers make as they compose and revise. Students evaluate, synthesize and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts, including images as forms of text, from a range of disciplines and historical periods. The course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. As part of the Humanities curriculum, the course also explores the origins of American literature in Native American oral tradition and continues the study of literature within a historical, philosophical and theological context throughout modern and contemporary works of fiction, non-fiction and poetry. Summer assignments are required. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5. A writing assessment may be required.

1892 AP ENGLISH LITERATURE AND COMPOSITION (12) One credit

AP English Literature and Composition focuses on reading, analyzing and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style and themes, as well as its use of figurative language, imagery and symbolism. Writing assignments include expository, analytical and argumentative essays that require students to analyze and interpret literary works. In the course, students devote themselves to the study of literary works written in, or translated into, English. Careful reading and critical analysis of such works of fiction, drama and poetry provide rich opportunities for students to develop an appreciation of ways literature reflects and comments on a range of experiences, institutions and social structures. Students examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. As part of the World Literature component of the senior Humanities Program, the course provides an integrated study of the works of great writers and thinkers from ancient cultures to the twentieth century. Students explore the writings of Esquivel, Shakespeare, Dostoevsky, Achebe, Hardy and Atwood, as well as poets and philosophers from a variety of backgrounds. A year-long capstone project with an emphasis on study of the humanistic tradition is required. Summer assignments are required. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5.

8892 AP ART HISTORY (12) One credit

AP Art History welcomes students into the global art world to engage with its forms and content as they research, discuss, read and write about art, artists, art making and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, students develop an in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history. Summer assignments are required.

Prerequisite: GPA of 3.5.

STEM Program

Salpointe's nationally accredited STEM Program encourages students to explore opportunities in STEM-related careers through exciting and award-winning hands-on projects. Our STEM curriculum, developed in conjunction with university departments, is designed to develop 21st century skills of critical thinking, problem-solving and collaboration. The courses provide an integrated and interdisciplinary approach to preparing students for admission to elite university programs and for careers in STEM-related fields. In support of Salpointe's global social justice mission, students enrolled in STEM courses are required to submit a semester-long capstone project that solves a real-world problem affecting our communities. These projects are presented at Salpointe's annual STEM Showcase. Students have the opportunity to choose from several four-year STEM tracks or single STEM electives. Families are strongly encouraged to meet with counselors to ensure students select courses and sequences that meet their scheduling needs, interest and level of ability.

Number and Name	Grade Level	Department
7100 Engineering Fundamentals	9	Engineering
7085 Programming	9, 10, 11, 12	Engineering
7105 Robotics	10, 11, 12	Engineering
7110 Intermediate Engineering	10, 11, 12	Engineering
7120 Advanced Engineering	11, 12	Engineering
4381 Biotechnology Honors	11, 12	Science
4391 Biotechnology II Honors*	12	Science
4551 Science Research Honors	12	Science
4701 Engineering 102*	12	Engineering

*Dual Credit Course

7100 ENGINEERING FUNDAMENTALS (9) One credit

First Semester: The course creates an engineering career portfolio project using Google Chrome, Drive, Slides, Sheets and Docs as well as WeVideo, an audio and video editing software, and Scoir platform in conjunction with the Bureau of Labor Statistics website. The course emphasizes 21st century skills and digital citizenship, and uses teamwork and cooperative learning to explore diverse engineering careers. Satisfies CTE .5-credit

Second Semester: The course incorporates next generation science standards, models basic engineering design and scientific inquiry, and utilizes 3D modeling software to solve problems, promote computational thinking, design and program robotics and drone systems to perform a variety of tasks. Satisfies elective .5-credit requirement; does not satisfy a math or science credit.

Prerequisite: department interview required.

7105 INTRODUCTION TO ROBOTICS (10, 11, 12) .5 credit

Introduction to Robotics is a hands-on project-based course which incorporates teamwork, cooperative learning, 21st century learning skills and next generation science standards to model basic engineering design and scientific inquiry in order to solve problems and promote computation thinking. Technical applications, including 3D modeling software and robotics and drone systems, are used in conjunction with hand tools and scientific instruments to design and program robots and automated systems to perform a variety of tasks. Elective credit only; does not satisfy a math or science credit.

Prerequisite: successful completion of Technology Fundamentals.

7110 INTERMEDIATE ENGINEERING (10, 11, 12) One credit

In this course, students begin developing 21st century skills of critical thinking, problem solving, and collaboration using hands-on project-based learning. Students produce mechanical and electrical assemblies as well as program and build robotic and automated systems using Arduinos® and/or Raspberry Pi® microcontrollers. Students use industry standard CAD/CAM software Solidworks® and learn to operate state of the art equipment such as 3D printers, laser engravers and a variety of other power and hand tools and scientific instruments. Students are required to complete a semester-long project that addresses a critical need in their local or global community and present their solutions at Salpointe's community STEM showcase. Elective credit only; does not satisfy a math or science credit.

Prerequisite: Engineering Fundamentals (grade of 80% or higher), Introduction to Robotics (grade of 80% or higher) or Introduction to Programming (grade of 80% or higher).

7120 ADVANCED ENGINEERING (11, 12) One credit

In this course, students continue developing 21st century skills of critical thinking, problem solving, and collaboration using hands-on project based learning. Students produce mechanical and electrical assemblies as well as program and build robotic and automated systems using Arduinos® and/or Raspberry Pi® microcontrollers. Students continue learning to use industry standard CAD/CAM software Solidworks® and upon completion of the course are prepared and encouraged to complete SolidWorks Level I certification. Advanced Engineering students perfect their design and fabrication skills using 3D printers, laser engravers and a state-of-the-art table saw. In addition students begin learning metal fabrication techniques using Wazer®'s CNC waterjet metal cutter, milling machines, and TIG and MIG welders. Students are required to complete a semester-long project that addresses a critical need in their local or global community and present their solutions at Salpointe's community STEM showcase. Elective credit only; does not satisfy a math or science credit.

Prerequisite: Intermediate Engineering (grade of 80% or higher).

4701 ENGINEERING 102 (12) One credit

Please Note: Students pay an additional amount (approximately \$500) and earn three University of Arizona engineering credits. Please see page 6 for more information.

This course, developed in conjunction with U of A Engineering faculty, provides students with an introduction to mathematical modeling, the engineering design process Solidworks, 3D printing, and C and CNC programming. Units of study include manufacturing, systems, bio-medical, environmental, software and electrical and mechanical engineering. The course provides students with a perspective on various engineering disciplines and educational and career opportunities through a lecture series featuring engineering experts in the field. The course demonstrates how engineers use skills in mathematics and science to help people in a variety of global economic, environmental and societal contexts through a semester-long service based project. Satisfies one science credit.

Prerequisites: Algebra II Honors (grade of 80% or higher) or Algebra II (grade of 90% or higher), concurrent enrollment in or completion of Physics (grade of 80% or higher) and interview by instructor.



Graduation and College Admissions Requirements

Salpointe Catholic High School's curriculum should be viewed as a four-year experience, during which time students must accumulate 26 credits in order to graduate. Graduation requirements include required core subjects, Theology, arts, world languages, exercise science and technology, along with opportunities for students to enhance their academic experience with a wide variety of electives.

SUBJECTS	SALPOINTE	UA/ASU/NAU	MORE SELECTIVE COLLEGES
English	4	4	4
Math	4	4	4
Science	3	3	4
Social Studies	3	2	3-4
Theology	4	0	0
World Language	2	2	3-5
Career/Technology	0.5	*	0
Fine Arts	1	*	1
Exercise Science	0.5	0	0

**UA, ASU and NAU require either one credit of fine arts or one credit of career/technology classes.*



Four Year Academic Plan/Worksheet

SUBJECTS	CREDITS	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
Arts	1				
Career/Tech	0.5	Technology Fundamentals			
Elective	4				
English	4	Freshman English	Sophomore English	Junior English	Senior English
Exercise Science	0.5				
Math	4				
Science	3				
Social Studies	3		World History	U.S. History	US Government Economics
Theology	4	Freshman Theology	Sophomore Theology	Junior Theology	Senior Theology
World Languages	2				
Total Credits	26				

Note: Teaching Assistant and Quiet Study are non-credit earning. Students should ensure that credits are on target for graduation and college admissions.

Career and Technical Education

7005 TECHNOLOGY FUNDAMENTALS (9) .5 Credit

Curriculum is project-based and students work throughout the semester using technical applications to create a career portfolio project. Career portfolios are developed using the Scoir platform in conjunction with the Bureau of Labor Statistics website. Students will gain familiarity with Google Chrome, Drive, Slides, Sheets and Docs, as well as WeVideo audio and video editing software. Student centered learning and digital citizenship are emphasized throughout the course.

Prerequisite: none.

7035 DIGITAL DESIGN I (9, 10, 11, 12) .5 credit

Digital Design is a dynamic and hands-on course that introduces students to the world of digital design through comprehensive and industry-leading Adobe Creative Suite. This class empowers students to unleash their creativity, develop essential design skills and cultivate a strong foundation in digital media. Students gain proficiency in using various Adobe software applications including Photoshop, Illustrator, InDesign and more. These powerful tools serve as the gateway to exploring graphic design, digital illustration, photo editing, layout design and multimedia production.

Prerequisite: successful completion of Technology Fundamentals.

7045 DIGITAL DESIGN II (10, 11, 12) .5 credit

This course provides further development of the foundational skills acquired in Digital Design I. Through hands-on projects and in-depth exploration of the Adobe Suite, students develop their creative abilities and technical expertise in digital design. The course delves deeper into the various software applications within the Adobe Suite, including Adobe Photoshop, Adobe Illustrator, Adobe InDesign and Adobe Premiere Pro. Students engage in a series of challenging projects that encourage critical thinking, problem-solving and creativity. In addition to technical skills, Digital Design II focuses on developing a strong design aesthetic and understanding of design principles. Students learn about color theory, typography, composition and visual hierarchy, as well as how to apply these principles effectively in their design work.

Prerequisite: successful completion of Digital Design I.

7055 DIGITAL ANIMATION (9, 10, 11, 12) .5 credit

This course provides an introduction to various animation programs and the art of digital animation to prepare students for a variety of graphic design settings in real world contexts. The course employs problem solving skills through creative, interactive manipulation, illustration, typography and motion graphics while teaching students how to navigate and use tools throughout the Adobe programs. Students develop creative skills through student centered learning that enhance their critical thinking abilities.

Prerequisite: successful completion of Technology Fundamentals.

7085 INTRODUCTION TO PROGRAMMING (9, 10, 11, 12) .5 credit

This course provides an introduction to computer programming fundamentals that build computational thinking skills through the use of game and app design. Instruction provides a complete understanding of the technological and creative aspects of video game design. Students develop mastery in the hard skills of art, science and technology needed to design video games. By course completion, students are technically proficient and demonstrate learning by constructing an original game build.

Prerequisite: Technology Fundamentals (grade of 75% or higher) or department recommendation.

7405 PERSONAL AND BUSINESS LAW (9, 10, 11, 12) .5 credit

The course provides an investigation into the nature, function and history of the United States legal system at the federal, state and local levels. Students are presented with project-based learning opportunities that provide them with a basic understanding of legal concepts, vocabulary, situations and documents that assist them in their personal and professional lives. Participatory learning through collaborative projects and presentations on a variety of topics from laws for teens to courtroom protocol.

Prerequisite: none.

7445 MARKETING AND ENTREPRENEURSHIP (9, 10, 11, 12) .5 credit

Fundamentals of marketing and entrepreneurship with an emphasis on the use of technology through a series of reality-based business and entrepreneurial projects. They practice essential skills of leadership, management and business development and create a marketing plan composed of all facets of the product development process. Course modules include marketing information, product and service management, finance and economics, pricing and distribution, market analysis, online marketing and advertising, packaging, branding, advertising, media planning and other promotional techniques.

Prerequisite: none.

7485 FINANCIAL LITERACY (9, 10, 11, 12) .5 credit

Financial Literacy curriculum is based on the fundamentals of personal finance in order to establish mindful money management behaviors with a goal of financial independence, health and wellness. Students will develop sensible habits of managing their money in order to adapt to "life happens" events. Project-based learning combines classroom programs and activities with technology to teach money management, borrowing, earning power, investing, financial services, insurance and financing college. Students begin their journey to fulfillment of personal and academic goals and to achieve success in their future endeavors.

Prerequisite: none.

8205 DIGITAL PHOTOGRAPHY I (10, 11, 12) .5 credit

This course introduces students to fundamental concepts of photography and digital image creation, while developing their "photographic eye." Using digital cameras and Adobe Photoshop, where students learn how to bring images into the "digital darkroom", students complete a variety of photographic assignments through the exploration of the essentials of photography. Projects include abstract works, collages and manipulated images. This course requires a final portfolio of all work created over the semester. Students must possess a digital camera. Point and shoot cameras are fine for this course. Digital SLR cameras are a bonus, but not necessary. Satisfies fine arts .5 credit.

Prerequisite: successful completion of Technology Fundamentals.

8225 DIGITAL PHOTOGRAPHY II (10, 11, 12) .5 credit

This course explores and investigates the digital realm of photography through various creative and technical photographic assignments. Students organize, edit, retouch and finalize their images in Adobe Photoshop for a final digital portfolio and a photographic concentration where students focus on their area of interest. Digital point and shoots are required for this course; however, digital SLRs are highly recommended.

Prerequisite: Digital Photography I (grade of 90% or higher).

8230 ADVANCED PHOTOGRAPHY (11, 12) One credit

Expands and refines students' abilities and experiences to go beyond the high school level, through the traditional and digital photography processes. Addresses each student's creative uniqueness and brings out his/her individual style. Includes the use of high quality software and large format printing/matting through technical and creative assignments. Students will also use Adobe Photoshop to edit and retouch their photographic artwork. Students develop a physical and digital working portfolio for college entry as well as an artist statement and professional resume. Students produce a concentrated coursework presentation, displaying their chosen subject interest, as well as their body of work over the entire year. Students must have access to a digital SLR camera. Students have the option to submit for AP credit.

Prerequisite: Digital Photography II (grade of 90% or higher).

1965 YEARBOOK FOR FRESHMEN (9) .5 Credit

Offered in the spring semester to 9th-grade students only. Students are enrolled in Technology Fundamentals in the fall semester. See the course description for Yearbook I.

1960 YEARBOOK I (10, 11, 12) 1 Credit

Students create the yearbook while learning photography, page design, writing and composition of attention-grabbing headlines. Students work with the latest online resources. All yearbook staff members are expected to contribute several hours after-school and on weekends to meet necessary deadlines. Effort will be made to accommodate students who wish to play a sport while being on the yearbook staff. Yearbook hones writing, design, time management and team-building skills.

Prerequisites: 3.0 GPA and a contract detailing responsibilities signed by parents and students.

1970 YEARBOOK II (10, 11, 12) 1 Credit
See course description for Yearbook I.

1980 YEARBOOK III (11, 12) 1 Credit
See course description for Yearbook I.

1990 YEARBOOK IV (12) 1 Credit
See course description for Yearbook I.

1961 YEARBOOK I HONORS (10, 11, 12) 1 Credit
Honors credit is offered to students who assume editorial responsibilities for the yearbook. The course teaches how to manage others and master desktop publishing software while guiding the story, layout and photo selections. Additional opportunities include summer camps and national conferences for "yerds," people dedicated to having fun while producing an award-winning yearbook!
Prerequisites: 3.0 GPA, and a contract detailing responsibilities signed by parents and students.

1971 YEARBOOK II HONORS (10, 11, 12) 1 Credit
See course description for Yearbook I Honors.

1981 YEARBOOK III HONORS (11, 12) 1 Credit
See course description for Yearbook I Honors.

1991 YEARBOOK IV HONORS (12) 1 Credit
See course description for Yearbook I Honors.

Engineering

4381 BIOTECHNOLOGY HONORS (11, 12) One credit

Dual credit optional - see page 6 for more information.

Hands-on project-based course in which teamwork, cooperative learning and 21st century learning skills are used to explore the history, skill set and the potential of biotechnology to answer critical questions and solve problems. This integrated laboratory course incorporates next generation science standards to model scientific inquiry to solve problems and promote critical thinking. Technical applications such as DNA/RNA isolation, DNA restriction enzyme analysis, polymerase chain reaction analysis, DNA gel electrophoresis and RNA/DNA hybridization will be used in conjunction with basic protein analysis techniques to perform a variety of tasks. Basic microbiology, virology and cell tissue culture technology will be studied and used, in conjunction with the other techniques, to explore the use of biotechnology. Bioinformatics, National Center for Biotechnology and associated data bases will be utilized to compare results from investigations to current data. This class encourages students to design and pursue their own projects as an extracurricular activity.

Prerequisite: Chemistry (grade of 90% or higher) or Chemistry Honors (grade of 80% or higher).

4391 BIOTECHNOLOGY II HONORS (12) One credit

Dual credit optional - see page 6 for more information.

The Biotechnology II Honors course allows students to perfect biotechnology techniques, learn to read research papers and hear about cutting edge research from researchers in the field. The curriculum includes advanced biotechnological techniques, fundamentals of cell biology and genetics, applications of biotechnology, bioethics and careers in biotechnology. Through laboratory activities and field based research, students conduct independent research in an active laboratory and learn to communicate their research by presenting at the regional science fair (SARSEF).

Prerequisite: Biotechnology Honors (grade of 80% or higher).

4551 SCIENCE RESEARCH HONORS (12) One credit

In this course students are challenged to complete original and independent research that is characteristic of college-level classes. Students generate research questions, conduct a literature review, collaborate with content-area experts, develop a hypothesis, collect and analyze data, and present original research. This advanced laboratory course is intended for seniors interested in continuing their study through an independent project in science, technology, mathematics or computer science. Students participating in this course should have a significant science background prior to enrolling. Course projects are subject to considerable peer and teacher review during all phases of development. The focus of this course is on sustained scientific inquiry. Students are expected to take responsibility for project development, meeting timelines, collecting data, defending procedures and presenting results. The instructor advises students on the research process, information sources and contacts. Instruction is also provided on such topics as data collection and presentation, statistical interpretation of results, protocols for research and presentation skills. Students will be encouraged to present their research at the regional science fair (SARSEF).

Prerequisite: GPA of 3.0 and three years of lab science.

7100 ENGINEERING FUNDAMENTALS (9) One credit

First Semester: The course creates an engineering career portfolio project using Google Chrome, Drive, Slides, Sheets and Docs as well as WeVideo, an audio and video editing software, and Scoir platform in conjunction with the Bureau of Labor Statistics website. The course emphasizes 21st century skills and digital citizenship, and uses teamwork and cooperative learning to explore diverse engineering careers. Satisfies CTE .5-credit

Second Semester: The course incorporates next generation science standards, models basic engineering design and scientific inquiry, and utilizes 3D modeling software to solve problems, promote computational thinking, design and program robotics and drone systems to perform a variety of tasks. Satisfies elective .5-credit requirement; does not satisfy a math or science credit.

Prerequisite: department interview required.

7105 INTRODUCTION TO ROBOTICS (10, 11, 12) .5 credit

Introduction to Robotics is a hands-on project-based course which incorporates teamwork, cooperative learning, 21st century learning skills and next generation science standards to model basic engineering design and scientific inquiry in order to solve problems and promote computation thinking. Technical applications, including 3D modeling software and robotics and drone systems, are used in conjunction with hand tools and scientific instruments to design and program robots and automated systems to perform a variety of tasks. Elective credit only; does not satisfy a math or science credit.

Prerequisite: successful completion of Technology Fundamentals.

7110 INTERMEDIATE ENGINEERING (10, 11, 12) One credit

In this course, students begin developing 21st century skills of critical thinking, problem solving, and collaboration using hands-on project-based learning. Students produce mechanical and electrical assemblies as well as program and build robotic and automated systems using Arduinos® and/or Raspberry Pi® microcontrollers. Students use industry standard CAD/CAM software Solidworks® and learn to operate state of the art equipment such as 3D printers, laser engravers and a variety of other power and hand tools and scientific instruments. Students are required to complete a semester-long project that addresses a critical need in their local or global community and present their solutions at Salpointe's community STEM showcase. Elective credit only; does not satisfy a math or science credit.

Prerequisite: Engineering Fundamentals (grade of 80% or higher), Introduction to Robotics (grade of 80% or higher) or Introduction to Programming (grade of 80% or higher).

7120 ADVANCED ENGINEERING (11, 12) One credit

In this course, students continue developing 21st century skills of critical thinking, problem solving, and collaboration using hands-on project based learning. Students produce mechanical and electrical assemblies as well as program and build robotic and automated systems using Arduinos® and/or Raspberry Pi® microcontrollers. Students continue learning to use industry standard CAD/CAM software Solidworks® and upon completion of the course are prepared and encouraged to complete SolidWorks Level I certification. Advanced Engineering students perfect their design and fabrication skills using 3D printers, laser engravers and a state-of-the-art table saw. In addition students begin learning metal fabrication techniques using Wazer®'s CNC waterjet metal cutter, milling machines, and TIG and MIG welders. Students are required to complete a semester-long project that addresses a critical need in their local or global community and present their solutions at Salpointe's community STEM showcase. Elective credit only; does not satisfy a math or science credit.

Prerequisite: Intermediate Engineering (grade of 80% or higher).

4701 ENGINEERING 102 (12) One credit

Please Note: Students pay an additional amount (approximately \$500) and earn three University of Arizona engineering credits. Please see page for 6 more information.

This course, developed in conjunction with U of A Engineering faculty, provides students with an introduction to mathematical modeling, the engineering design process Solidworks, 3D printing, and C and CNC programming. Units of study include manufacturing, systems, bio-medical, environmental, software and electrical and mechanical engineering. The course provides students with a perspective on various engineering disciplines and educational and career opportunities through a lecture series featuring experts in the field. The course demonstrates how engineers use skills in mathematics and science to help people in a variety of global economic, environmental and societal contexts through a semester-long service based project. Satisfies one science credit.

Prerequisites: Algebra II Honors (grade of 80% or higher) or Algebra II (grade of 90% or higher), concurrent enrollment in or completion of Physics (grade of 80% or higher) and interview by instructor.

English

1130 ENGLISH 9 (9) One credit

This is a comprehensive course including study skills, note-taking and grammar, as well as an introduction to research skills, oral communication, vocabulary development and literary terms and forms. Writing instruction practices fluency, thought organization and various writing strategies and patterns of development, striking a balance between the composition process (pre-writing, writing, peer-editing, teacher-conferencing and revising) and product, with the purpose of practicing the multiple-paragraph essay. Literary studies emphasize careful reading and analysis and focus on the connection between reading and writing and the world around us. Readings include Romeo and Juliet, Oedipus the King, Fahrenheit 451, selections from the Odyssey and a variety of short stories. Summer assignments are due on the first day of class.

Prerequisite: none.

1131 ENGLISH 9 HONORS (9) One credit

This class is an introduction to Western literature through the Greek epic and the development of drama, concentrating on Greek and Shakespearean tragedy, as well as the development of Greek, Roman and Shakespearean comedy. The course introduces literary terms and forms, study skills, note-taking and vocabulary preparation. The course offers extensive writing practice including an introduction to annotated papers, oral communication and interpretation and initial preparation for AP. Summer assignments are due on the first day of class.

Prerequisite: specific entrance exam or challenge test score.

1230 ENGLISH 10 (10) One credit

This comparative literature course focuses on classical texts that demonstrate the growth of language and their contribution to human knowledge and understanding of the world throughout history. The course is complemented by writers of different ethnicities, genders, classes and ability/disability status. A variety of genres, non-fiction and media formats focus on the complexity of the human experience, in which people of many different cultures and races live together. This course is designed to drive independent critical thinking skill development through discourse, presentations, essay writing purpose, structure and analysis. A rigorous review of grammatical and mechanical principles essential to academic writing is emphasized throughout the year. Summer assignments are due on the first day of class.

Prerequisite: successful completion of English 9.

1231 ENGLISH 10 HONORS (10) One credit

This course surveys major British and European literary works; examines such genres as the epic poem, drama, poetry and the novel; relates historical and philosophical trends to literature of the period; emphasizes careful reading and analysis; builds on the writing foundation of English 9 Honors in the pre-AP approach. This course also assigns a personal narrative, several critical analyses, a research paper, practice in style analysis and exercises to enhance sentence fluency and variety. Summer assignments are due on the first day of class.

Prerequisite: English 9 Honors (grade of 80% or higher) or English 9 (grade of 90% or higher).

1232 ENGLISH 10: AP SEMINAR (10) One credit

Taught in the AP Seminar style, this course helps students build foundational writing, collaboration, research and presentation skills for future success in high school, college and career. Students are required to take the AP Seminar exam in the spring. Summer assignments are due on the first day of class.

Prerequisite: rising sophomores who are interested in this class need to speak with their current English 9 teacher for more information.

1330 ENGLISH 11: AMERICAN LITERATURE (11) One credit

This course explores the origins of American literature in Native American oral tradition, relating historical and philosophical trends to a survey of pre-twentieth-century American literature. The content includes modern and contemporary works of fiction, non-fiction and poetry within the context of historical and philosophical trends of modern America. Emphasis is placed on careful reading, interpretation and analysis of poetry, non-fiction, short stories and novels. Major works include *The Adventures of Huckleberry Finn*, *The Scarlet Letter* and *The Great Gatsby*. The writing component of the course includes both critical and creative papers as well as group presentations. Summer assignments are due on the first day of class.

Prerequisite: successful completion of English 10 Honors or English 10.

1771 AMERICAN LITERATURE HONORS (11) One credit

This course is part of Humanities I: The U.S. Experience.

This course explores the origins of American literature in Native American oral tradition and continues the study of literature within a historical, philosophical, and theological context throughout modern and contemporary works of fiction, non-fiction and poetry. The course emphasizes careful reading and textual analysis in the AP approach, including interpretation and analysis of multiple genres. The writing component of the course includes both critical and creative papers as well as individual and group presentations. Strong emphasis is given to rhetorical analysis, interpretation and synthesis skills as well as research and vocabulary study. Summer assignments are due on the first day of class.

Prerequisite: GPA of 3.5. Admittance will be determined by space availability and cumulative GPA. English 10 Honors and English 10 students can qualify with teacher recommendation and acceptable writing assessment.

1792 AP ENGLISH LANGUAGE AND COMPOSITION (11) One credit

This course is part of Humanities I: The U.S. Experience

This course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts and the decisions writers make as they compose and revise. Students evaluate, synthesize and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts, including images as forms of text, from a range of disciplines and historical periods. The course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical and responsive readers of diverse texts and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. As part of the Humanities curriculum, the course also explores the origins of American literature in Native American oral tradition and continues the study of literature within a historical, philosophical and theological context throughout modern and contemporary works of fiction, non-fiction and poetry. Summer assignments are due on the first day of class. Students are required to take the AP exam in the spring

Prerequisite: GPA of 3.5. Admittance will be determined by space availability and cumulative GPA. English 10 and English 10 Honors students can qualify with teacher recommendation and acceptable writing assessment.

1610 ENGLISH 12: NATIVE AMERICAN/LATIN AMERICAN LITERATURE (12) One credit

Dual credit optional - see page 6 for more information.

This course explores the literature of the Americas, focusing on the Native American, Mexican American and Latin American experience from an historical and literary perspective. The content includes traditional and contemporary voices; requires several papers of various lengths, both critical and creative; and includes vocabulary study. Summer assignments are due on the first day of class.

Prerequisite: successful completion of English 11: American Literature, American Literature Honors or AP English Language and Composition.

1630 ENGLISH 12: CREATIVE WRITING, POETRY AND SHORT FICTION (12) One credit

Through the study of non-fiction, short fiction, drama and poetry, students analyze elements of effective, modern writing and generate creative works in each genre. Students read selected professional pieces; develop and apply vocabulary to manipulate diction or voice and create solid imagery; edit pieces written by peers; write several papers of varying lengths, both critical and creative; write and film original ten-minute plays. Students will write a personal narrative and analyze Elizabethan theater and *Hamlet*. Summer assignments are due on the first day of class.

Prerequisite: successful completion of English 11: American Literature, American Literature Honors or AP English Language and Composition.

1640 ENGLISH 12: CONTEMPORARY WORLD LITERATURE (12) One credit

This course is a comprehensive study of contemporary writers whose works are representative of the 20th and 21st century world. Works are studied within the context of gender issues, social movements and political trends. Students examine contemporary media and literature to gain a deeper understanding of how media mirrors society. Themes include the development and evolution of gender roles, use of media as propaganda and perpetuation of stereotypes. Students write several papers of various lengths, both critical and creative. The course includes vocabulary study. Summer assignments are due on the first day of class.

Prerequisite: successful completion of English 11: American Literature, American Literature Honors or AP English Language and Composition.

1651 ENGLISH 12: MODERN CLASSICS AND SATIRE HONORS (12) One credit

Dual credit optional - see page 6 for more information.

This course explores a wide variety of modern and contemporary works of world literature and drama. The content includes novels, short stories, poems and plays (on film) from diverse nations and cultures, which offer glimpses of universal issues facing the individual in modern society. The course explores both modern and classical satire, and how satirical literature connects with developments in history, politics, psychology and social life. Essay tests and written assignments help students polish their analytical skills for college. Students write several papers of various lengths, both critical and creative. Summer assignments are due on the first day of class.

Prerequisite: English 11: American Literature (grade of 90% or higher), English 11: American Literature Honors (grade of 80% or higher) or AP English Language and Composition (grade of 80% or higher).

1892 AP ENGLISH LITERATURE AND COMPOSITION (12) One credit

This course is part of Humanities II: The Global Experience.

This course focuses on reading, analyzing and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style and themes, as well as its use of figurative language, imagery and symbolism. Writing assignments include expository, analytical and argumentative essays that require students to analyze and interpret literary works. Students devote themselves to the study of literary works written in, or translated into, English. Careful reading and critical analysis of such works of fiction, drama and poetry provide rich opportunities for students to develop an appreciation of the ways literature reflects and comments on a range of experiences, institutions and social structures. Students examine the choices literary writers make and the techniques they utilize to achieve purposes and generate meanings. As part of the World Literature component of the Humanities II: The Global Experience Program, the course provides an integrated study of the works of great writers and thinkers from ancient cultures to the twentieth century. Students explore the writings of Esquivel, Shakespeare, Dostoevsky, Achebe, Hardy and Atwood, as well as poets and philosophers from a variety of backgrounds. A year-long capstone project with an emphasis on study of the humanistic tradition is required. Summer assignments are due on the first day of class. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5.

Exercise Science

7505 INTRODUCTION TO TEAM SPORTS - MEN (9, 10) .5 credit

This course provides students an education based on a variety of sports, and includes an in-depth study of soccer, basketball, baseball/softball and volleyball. Students learn not only the history, rules and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sports safety and sports nutrition. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: none.

7515 INTRODUCTION TO TEAM SPORTS - WOMEN (9, 10) .5 credit

This course provides students an education based on a variety of sports, and includes an in-depth study of soccer, basketball, baseball/softball and volleyball. Students learn not only the history, rules and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sports safety and sports nutrition. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisites: none.

7555 AEROBIC CONDITIONING AND FITNESS (9, 10, 11, 12) .5 credit

This course is designed to improve flexibility, cardiovascular endurance and muscle strength. Activities range from step aerobics, resistance band training, free weight training, meditation and yoga. In addition, students study elements of personal fitness, goal setting and nutrition. An emphasis is also placed on basic anatomy and physiology to understand the components of the human body and how it performs. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: none.

7565 STRENGTH AND CONDITIONING I (9, 10, 11, 12) .5 credit

This course gives students the tools and resources needed to be physically fit and healthy for a lifetime. The variety of exercises, proper techniques and equipment allow students to prepare themselves in a gym or regular fitness regime. In addition, students study elements of personal fitness, goal setting, weight room safety and sports nutrition. An emphasis is also placed on basic anatomy and physiology to understand the components of the human body and how it performs. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: none.

7575 STRENGTH AND CONDITIONING II (9, 10, 11, 12) .5 credit

This course is designed to build upon Strength and Conditioning I. Students design nutrition plans and exercise programs to help themselves reach their own personal fitness goals. Students continue to build upon their basic anatomy and physiology education and learn in depth how their muscles react to different types of exercises. Proper form and modified movements are presented. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: successful completion of Strength & Conditioning I or department approval.

7665 TEAM SPORTS FOR UPPERCLASS - MEN (11, 12) .5 credit

This course provides students an education based on a variety of sports, and includes an in-depth study of soccer, basketball, baseball/softball and volleyball. Students learn not only the history, rules and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sports safety and sports nutrition. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: none.

7675 TEAM SPORTS FOR UPPERCLASS - WOMEN (11, 12) .5 credit

This course provides students an education based on a variety of sports, and includes an in-depth study of soccer, basketball, baseball/softball and volleyball. Students learn not only the history, rules and guidelines of each sport, but practice specific skills related to each sport. Students also learn about sportsmanship and teamwork. In addition, students study elements of personal fitness, goal setting, sports safety and sports nutrition. Students are required to participate in a pre- and post fitness assessment, as well as participate in weekly physical activity.

Prerequisite: none.

7685 SPORTS MEDICINE I (10, 11) .5 credit

Introduction into Sports Medicine is a one-semester course that focuses on core concepts in athletic training and sports medicine. The content covers a variety of body systems and human anatomy to evaluate health and performance. Students gain a basic understanding of the use of medical terminology as applied in healthcare, demonstrate an understanding of body systems and human anatomy, evaluate health and performance, demonstrate safety and infection control, manage acute care emergency and nonemergency situations, assess the impact of injuries, apply therapeutic exercise, understand the use of therapeutic modalities and apply psychological techniques to injury evaluation and rehabilitation.

Prerequisite: none.

7690 SPORTS MEDICINE II (11, 12) One credit

This course is for students interested in pursuing a career in the sports medicine field. Sports Medicine I knowledge is applied through hands-on experiences in Sports Medicine II. Topics taught include: emergency medical response, CPR/ first aid for the professional rescuer, tissue healing, pharmacology, sports law and ethics, therapeutic modalities and medical budgeting. Students read medical case studies, evaluate sports medicine hot topics and gain an understanding in evidence-based medicine. Students apply their knowledge through after-school observation opportunities.

Prerequisite: successful completion of Sports Medicine I.

Fine and Performing Arts

Photography can be found under Career and Technical Education.

8005 INTRO TO 2D ART: DRAWING AND PAINTING (9, 10, 11, 12) .5 credit

Intro to 2D Art is a basic course sampling the fundamentals of drawing, painting, printmaking and design. A wide variety of 2D media (graphite, charcoal, pastel, ink, watercolor, collage) and techniques are introduced, including sketchbook work. Included in the course are topics in design and composition that explore observation while building skill and confidence. Projects teach observational drawing and painting with an emphasis on art elements and design principles. Types of art making include portraiture, still life, landscape and perspective. Students participate in art evaluation, criticism and artwork curating/exhibition in the school art gallery.

Prerequisite: none.



8025 INTERMEDIATE 2D ART: DRAWING AND PAINTING (9, 10, 11, 12) .5 credit

Intermediate 2D Art continues more in-depth 2D explorations of media while developing skills in observational and intuitive drawing, painting, printmaking and design while laying the groundwork for skills used ultimately in the AP course. This course provides a foundation to express oneself visually and explore creative ideas using a variety of strategies. Students learn to use color, light and other visual elements to compose well-designed drawings, paintings and prints. Types of art making include portraiture, still life, landscape, perspective and conceptually derived artwork. Individual and group discussions of artwork help to take student work to the next level as they participate in art evaluation, criticism and artwork curating/exhibition in the school art gallery.

Prerequisite: Intro to 2D Art: Drawing and Painting.

8055 ADVANCED 2D ART: DRAWING AND PAINTING (10, 11, 12) .5 credit

Advanced 2D Art is a studio course in which the student has greater opportunities to develop a higher level of personal expression, visual aesthetic judgment and technical skills in visual art. Creative thought and individual artistic expression are developed through the use of sketchbooks and a variety of creative thinking strategies. Studio activities center on the development of technical skills in a wide variety of traditional drawing, painting and printmaking media. Students study and critically respond to significant historical works of art, artists and art periods in the process of refining their own artistic vision. Students prepare and present their work for group critiques, portfolios and exhibitions.

Prerequisite: Intermediate 2D Art.

8015 INTRO TO 3D ART: SCULPTURE AND CERAMICS (9, 10, 11, 12) .5 credit

This course introduces students to the fundamentals of three-dimensional art making through ceramics and sculptural art projects. The content emphasizes the production of well-designed, well-crafted pottery and sculpture that is exhibited in the school art gallery. The course introduces students to several sculptural building techniques using a variety of materials including clay, metal wire, plaster and recyclable materials. Students develop art-evaluation skills and artistic thinking through exploring the history of three-dimensional art forms and the artwork of current artists to enhance personal projects. The course encourages the communication of art as a visual language during class critiques and through written artist statements. The artwork created in the course forms the foundation of an art portfolio that will be developed in higher level art classes.

Prerequisite: none.

8035 INTERMEDIATE 3D ART: SCULPTURE AND CERAMICS (9, 10, 11, 12) .5 credit

This course is the next level of the sculptural program and emphasizes the production of well-designed, well-crafted pottery and sculpture that is exhibited in the school art gallery. The content builds on skills taught in Intro to 3D Art, including art history, principles of design, theory and technical knowledge. Media exploration from Intro to 3D Art continues with new mediums. A strong focus is placed on developing technical skills, personal artistic voice and ceramic hand-building techniques. The course expands 3D art portfolio in preparation for Advanced 3D Art.

Prerequisite: Intro to 3D Art: Sculpture and Ceramic (grade of 80% or higher) or teacher approval.

8075 ADVANCED 3D ART: SCULPTURE AND CERAMICS (11, 12) .5 credit

Dual credit optional - see page 6 for more information.

This course develops artistry and creativity while strengthening spatial intelligence and 3D skills in physical materials such as ceramics, wood and paper. The course introduces current 3D art and design careers and processes such as virtual 3D modeling, 3D scanning and 3D printing for applications in film, video, architecture, fashion, sculpture and more. It includes exhibition preparation and portfolio development using a thematic connection in a body of artwork. Portfolios can be used for entrance into AP Studio Art and for college applications. The content expands the teaching of art theory, with continued emphasis on conceptualizing, designing and building 3D art and developing technical skills and personal artistic voice. Advanced 3D Art may be repeated for credit.

Prerequisites: Intro to 3D Art: Sculpture and Ceramics and Intermediate 3D Art: Sculpture and Ceramics (grade of 80% or higher) or teacher approval.

8081 ART PORTFOLIO PREP (11, 12) One credit

This is an honors level 2D fine arts course taught concurrently with AP Studio Art that prepares students to produce artwork commensurate with the AP College Board studio art exam or to develop a professional art portfolio. The course emphasizes critical thinking skills through self-direction of art projects with teacher guidance that built on concepts previously mastered in Advanced 2D Art. The course immerses students in the AP Studio art website as a tool to understand and navigate the complexities of the AP Studio art portfolio exam. Sketchbook practice, research and art evaluation are the basis for the AP Studio assignments, developing technical prowess and exploration in art media to include drawing, painting, printmaking, mixed media and design. The course expands the art portfolio developed in Advanced Art with projects designed to be used in the AP Studio Art portfolio submission. The course requires exhibition of artwork both on and off campus.

Prerequisite: Intro to 2D Art, Intermediate 2D Art and Advanced 2D Art (grade of 80% or higher) or teacher approval.

8052 AP STUDIO ART: 2D DESIGN (11, 12) One credit

AP Studio Art: 2D Design is designed to meet the demands of the AP Studio Art Syllabus published by the College Board. Some work developed during the previous year may also bridge into the AP portfolio. Students work with a variety of media, as well as personally selected media while preparing to complete a sequential portfolio of artwork. The AP Studio Art portfolio work may also double as college-entry portfolio application requirements. Students express their ideas and understanding of their artwork in a written commentary that accompanies their body of work. Scheduled critique sessions provide guidance and an opportunity to clarify and express ideas. Art sketchbooks are used on a regular basis for the development of a personal artistic vision. Students are challenged to use independent thinking skills in the development of concepts in which they have a compelling interest. Students participate in exhibitions in the school art gallery. Students enrolled in this course are required to take the AP exam.

Prerequisite: successful completion of Advanced 2D Art or teacher approval.

8082 AP STUDIO ART: 3D DESIGN (11, 12) One credit

This course prepares highly motivated art students interested in a rigorous art program for AP Art portfolio submission, which qualifies students to receive college-level equivalency credit in studio art. 3D student portfolios demonstrate quality, breadth and concentration in multimedia, ceramics and sculpture projects. Projects demonstrate a sophisticated level of conceptual, theoretical, technical and design skills which express the students' artistic voices and support their underlying visual ideas. The course requires the use of visual art language during oral critiques and written professional artist statements. The finalization of the AP portfolio is aided by the teacher to help students select the best portfolio pieces. Documenting artworks through digital pictures is required for online portfolio submissions.

Prerequisite: Intro to 3D Art: Sculpture and Ceramic, Intermediate 3D Art: Sculpture and Ceramic and Advanced 3D Art: Sculpture and Ceramic (grade of 90% or higher) or portfolio review approved by teacher.

8335 LATE 20TH CENTURY MUSIC (9, 10, 11, 12) .5 credit

The course explores the many styles of music and the integral role they played in the evolution of society in the 20th century. Includes the blues, rock 'n roll, jazz, rock and various styles of popular music as well as a fusion of blues, rock and jazz.

Prerequisite: none.

8405 LANCER MARCHING BAND (9, 10, 11, 12) .5 credit (Fall only)

Dual credit optional - see page 6 for more information.

Lancer Marching Band is a fun and engaging course that participates in traditional and contemporary marching techniques. This course meets on Tuesday/Wednesday/Thursday from 6:00-8:00 PM on the practice football field and track. Class begins the week before school begins and continues until mid-November. The marching band performs at all home football games, select away football games and marching band competitions. Students participate in all performances. The curriculum includes instruction in nutrition and CPR. The participation fee for this course is \$250. Students of any ability level may join this course. Freshmen and transfer students who have completed the semester and have passed the Nutrition/CPR final may apply .5 credits to their exercise science requirement. Subsequent repeats of the course will count as fine arts electives. It is recommended that students have knowledge of any of the following instruments: woodwinds, brass, percussion, piano, guitar, bass, dance or color guard. Placement in halftime shows will be determined by auditions in April. Please note: concurrent enrollment in concert band, symphonic band, drumline or dance is required, as well as band camp attendance in mid-late July.

Prerequisite: none.

8410 CONCERT BAND (9) One credit

Concert Band is a traditional concert band that performs standard band literature multiple times throughout the year and focuses on fundamentals and basic musical techniques. Students enrolled in this course may also travel during the year. Students in this course are expected to practice their instruments regularly. This course complements the marching band and teaches the music for the marching band during the first quarter of each school year. All performances are mandatory. Students of any ability may join this course. This course may be repeated for credit. Freshmen or first-year musicians are encouraged to register for this class. Please note: concurrent enrollment in the Marching Band is required.

Prerequisite: none.

8420 LANCER SYMPHONIC BAND (10, 11, 12) One credit

Lancer Symphonic Band is a traditional concert band that performs standard band literature multiple times throughout the year. Students enrolled in this course may also travel during the year. Students in this course are expected to practice their instruments regularly. This course complements the marching band and teaches the music for the marching band during the first quarter of each school year. All performances are mandatory. This course may be repeated for credit. Please note: concurrent enrollment in the Marching Band is required.

Prerequisite: one year of Concert Band.

8430 DRUMLINE AND PERCUSSION ENSEMBLE (9, 10, 11, 12) One credit

Students in this course perform on Friday mornings before home football games, at assemblies, with the Lancer Marching Band and at other school and community performances. Students can be placed into the Front Ensemble which consists of auxiliary instruments, drum sets, mallet instruments and more. Those two sections work together in the Marching Band, in their own percussion ensemble performances and with other ensemble classes. Students learn to rotate through instruments in percussion such as mallet instruments, timpani, marching percussion, drum set, hand percussion and auxiliary percussion. Students participate in the concert band, symphonic band and orchestra concerts as necessary according to the musical selections of those classes. All performances are mandatory. Advanced musicians successfully completing an increased workload may earn honors credit. Students with previous percussion experience will be placed into more advanced parts/instruments. Audition is required in April for placement in halftime shows and Marching Band. Concurrent enrollment in Marching Band is required.

Prerequisite: none.

8440 ORCHESTRA (9, 10, 11, 12) One credit

The orchestra performs classical and contemporary orchestral music. Performances include a fall concert, Christmas concert, winter concert, spring concert and possible performances in the community. Occasional out-of-town performances may take place as funds and time allow. Advanced musicians successfully completing an increased workload may earn honors credit. This course may be repeated for credit. Students of any ability level may enroll in this course.

Prerequisites: none.

8460 MAROON AND GOLD LANCER JAZZ BAND (9, 10, 11, 12) One credit

Dual credit optional - see page 6 for more information.

This course develops performance skills in jazz, rock, Latin and various contemporary styles of music. Performances include fall, Christmas, winter and spring concerts, regional and state competitions, and possible performances in the community. Out-of-town performances may take place as funds and time allow. This course may be repeated for credit. Please note: this is a zero-hour class.

Prerequisite: concurrent membership in an instrumental music ensemble.

8540 BEGINNING CHOIR (9, 10, 11, 12) One credit

This course develops the fundamentals of singing, including vocal technique, ear training and sight singing, in preparation for membership in the Advanced Choir and A Cappella Choir. This choir performs a variety of styles in concerts with advanced choirs. Students participate in four mandatory concerts per year and possible performances and competitions. This course may be repeated for credit.

Prerequisite: none.

8550 ADVANCED CHOIR (9, 10, 11, 12) One credit

This course teaches a wide variety of vocal styles in the context of a vocal performing group. The content continues education in sight singing and ear training and includes four mandatory concerts per school year as well as possible performances and competitions. Advanced musicians may earn honors credit. This course may be repeated for credit.
Prerequisite: none.

8560 A CAPELLA CHOIR (10, 11, 12) One credit

This choir rehearses and performs advanced choral music in all styles incorporating advanced training in sight singing and ear training. The course emphasizes solo, ensemble and self-directed, independent and complete musicianship as the ultimate goal, requiring maturity and discipline. The program includes numerous mandatory performances including competitions and attendance at Choir Camp. Advanced musicians may earn honors credit. This course may be repeated for credit.
Prerequisite: enrollment by audition only.

8580 INTRODUCTION TO DANCE (9, 10, 11, 12) One credit

This course develops the fundamentals of various dance styles including ballet, jazz, hip hop, contemporary and lyrical. Students will learn technique, terminology, how to look at choreography and begin to study the history of dance. Curriculum includes instruction in nutrition and CPR. This course can be repeated for credit. Public performances are required at the end of each semester. Dance clothes and jazz shoes are required. No dance experience required. This course counts towards .5 credit to the exercise science requirement.
Prerequisite: none.

8585 INTERMEDIATE DANCE (9, 10, 11, 12) .5 credit

This course continues student development of various dance styles including ballet, jazz, hip hop, contemporary and lyrical. Students demonstrate and execute their advanced techniques, terminology and knowledge of the history of dance while increasing their choreography skills. Curriculum includes instruction in nutrition and CPR. This course can be repeated for credit. Public performances are required each semester. Dance clothes and jazz shoes are required. This course counts towards .5 credit to the exercise science requirement.
Prerequisite: Intro to Dance or audition.

8595 ADVANCED DANCE (10, 11, 12) .5 credit

This course continues student development of various dance styles including ballet, jazz, hip hop, contemporary and lyrical. Students demonstrate and execute their advanced techniques, terminology and knowledge of the history of dance while increasing their choreography skills. Curriculum includes instruction in nutrition and CPR. This course can be repeated for credit. Public performances are required each semester. Dance clothes and jazz shoes are required. This course counts towards .5 credit to the exercise science requirement.
Prerequisite: enrollment by audition only.

8625 INTRODUCTION TO THEATRE (9, 10, 11, 12) .5 credit

This course offers the students the opportunity to develop skills in characterization, improvisation, and scene and script study with emphasis on basic principles of voice and diction, movement and emotional expression.
Prerequisites: none.

8645 INTERMEDIATE DRAMA/ IMPROV (9, 10, 11, 12) .5 credit

This course examines intermediate-level theoretical performances through exploration of classic acting techniques such as sense memory and effective memory as developed by Strasburg. Students will develop an understanding of the key acting principles, beats, moments, objectives, needs and the "magic if" as established by Stanislavski. The content introduces practical techniques for improvisational acting and explores improvisational scene work and its applications in both short and long forms. The course emphasizes making strong choices, creating dramatic action and elevating patterns. The class requires evening and weekend performances and after-school dress rehearsals.
Prerequisite: Introduction to Theater or teacher approval.

8665 ADVANCED DRAMA (10, 11, 12) .5 credit

This course advances acting skills, vocal development, script analysis, motivated movement and character dynamics through a graduated level of performance requirements. Each semester a more advanced track of performance activities occurs. Performance opportunities include two One Acts, a full-length production, Arizona State Acting Festival and Southern Arizona Festival of Theater, as well as other occasional presentations. This course may be repeated for credit. The class requires evening and weekend performances, as well as after-school rehearsals.

Prerequisite: Intermediate Drama/Improv or previously enrollment in Advanced Drama.

8675 TECHNICAL THEATER I (9, 10, 11, 12) .5 credit

This course covers the primary technical processes and the behind-the-scenes work necessary to mount a theatrical production. It involves stagecraft vocabulary, set construction, lighting and sound technology, stage management, production organization and theater architecture. Students learn how to put theory into practice in support of theatrical productions. It involves the construction and installation of sets, hanging and focusing lights, and installation and configuration of the sound system. This course may be repeated for credit. Hours outside scheduled class time are required, including weekends.

Prerequisite: none.

8685 TECHNICAL THEATER II (9, 10, 11, 12) .5 credit

This course advances the design and application skills learned in Technical Theater I. Students construct scenic elements composed from a variety of scenic materials and hardware; design lighting for production in a performance venue; demonstrate understanding of sound system components and sound design; engage in facility and scenic shop maintenance; create scale drawings, ground plans, elevations and models for theatrical use; implement the elements of costume design in costuming productions; practice wardrobe maintenance skills; and manage theater house and related business functions within the scope of production.

Prerequisite: Technical Theater I (grade of 80% or above).

Mathematics

3150 ALGEBRA I A (9, 10) One credit

3160 ALGEBRA I B (9, 10) One credit

These courses study algebraic operations, equations, proportional reasoning, linear functions, inequalities, polynomials, rational functions and radicals.

Prerequisite for freshmen: specific math score on entrance exam.

Prerequisite for members of the class of 2027: placement based on fall semester final exam in Pre-Algebra.

3141 ALGEBRA I HONORS (9) One credit

This course studies algebraic operations, equations, proportional reasoning, linear functions, inequalities, polynomials, rational functions and radicals. The content includes an enrichment of additional material, such as quadratic functions, and an acceleration of material.

Prerequisite: specific math score on the entrance exam or the Algebra I challenge test.

3260 GEOMETRY (9, 10, 11) One credit

This course studies logical mathematical systems and reasoning, basic geometric concepts, triangles, congruency, parallel and perpendicular lines, polygons, similarity, area and volume, circles and spheres, constructions and trigonometry.

Prerequisite: Algebra I (grade of 70% or higher both semesters).

3261 GEOMETRY HONORS (9, 10) One credit

This course studies logical mathematical systems and reasoning, basic geometric concepts, triangles, congruency, parallel and perpendicular lines, polygons, similarity, area and volume, circles and spheres, constructions and trigonometry. The content includes an enrichment of material, such as additional work on proofs, and an acceleration of material.

Prerequisite: Algebra I (grade of 90% or higher in both semesters), Algebra I Honors (grade of 80% or higher in both semesters) or specific score on the Algebra I challenge test.

- 3171 GEOMETRY HONORS WITH ALGEBRA I HONORS (9) One credit**
This course is a combination of Algebra I, Geometry and Algebra II in a two-year accelerated sequence at the honors level. This course is the first year in the sequence and combines elements of Algebra I and Geometry. Designed for highly motivated and talented students who have had some Algebra I and want to enroll in Calculus as seniors.
Prerequisite: specific score on the Algebra I challenge test.
- 3271 ALGEBRA II HONORS WITH GEOMETRY HONORS (10) One credit**
This course completes the second year in the two-year accelerated honors sequence that combines Algebra I Honors and Algebra II Honors with Geometry Honors. This course completes the mathematical standards started in Geometry Honors with Algebra I Honors. This is a Calculus preparatory course for students who plan to enroll in AP Calculus AB as seniors. This course gives students the opportunity for credit in Algebra I Honors, Geometry Honors and Algebra II Honors.
Prerequisite: Geometry Honors with Algebra I Honors (grade of 80% or higher in both semesters).
- 3320 INTERMEDIATE ALGEBRA II (11, 12) One credit**
This course continues the study of Algebra, with a detailed review of Algebra I, solving single and multi-variable equations and inequalities, functions, both polynomial and rational, quadratics, radicals, exponential and logarithmic functions, and complex numbers.
Prerequisites: Pre Algebra, Algebra I (grade of 70% or higher both semesters) and Geometry (grade of 70% or higher both semesters) or may be taken by students who do not meet the prerequisites for Algebra II.
- 3340 ALGEBRA II (10, 11, 12) One credit**
This course continues the study of Algebra with solutions of equations and inequalities, functions in general, polynomial and rational functions, roots, radicals, exponents, exponential and log functions, and complex numbers.
Prerequisites: Algebra I (grade of 70% or higher both semesters) and Geometry (grade of 70% or higher both semesters).
- 3341 ALGEBRA II HONORS (10, 11, 12) One credit**
Dual credit optional - see page 6 for more information.
The course continues the study of Algebra with solutions of equations and inequalities, functions in general, polynomial and rational functions, roots, radicals and exponents, conic sections, matrices, complex numbers, sequences, series, counting and statistics. This course includes an enrichment of additional material and an acceleration of material.
Prerequisites: Algebra I Honors (grade of 80% or higher in both semesters) and Geometry Honors (grade of 80% or higher in both semesters).
- 3472 AP STATISTICS (11, 12) One credit**
This course introduces one and two-variable data, study planning, probability, random variables, normal distribution, central limit theorem and statistical inference. The course fulfills the fourth year of math requirement. Students are required to take the AP Statistics exam in the spring.
Prerequisites: Precalculus with Trigonometry Honors (grade of 70% or higher both semesters), Precalculus with Trigonometry (grade of 90% or higher both semesters) or Algebra II Honors (grade of 80% or higher both semesters) and concurrent enrollment in Precalculus with Trigonometry Honors.
- 3480 PRECALCULUS WITH TRIGONOMETRY (11, 12) One credit**
This course includes mathematical functions and their graphs, including polynomial and rational functions, exponential and logarithmic functions, systems of equations and matrices, sequences and series, probability and counting, analytic geometry and trigonometry. This course is recommended to fulfill the fourth year of math requirement.
Prerequisite: Algebra II (grade of 70% or higher in both semesters).
- 3481 PRECALCULUS WITH TRIGONOMETRY HONORS (11, 12) One credit**
Dual credit optional - see page 6 for more information.
This course includes the study of mathematical functions and their graphs in preparation for Calculus, including polynomial and rational functions, exponential and logarithmic functions, systems of equations and matrices, sequences and series, probability and counting, polar and parametric equations, analytic geometry, trigonometry and limits. The course is recommended to fulfill the fourth year of math requirement.
Prerequisite: Algebra II Honors (grade of 80% or higher in both semesters).

3500 STATISTICS (12) One credit

This course offers an engaging and accessible approach to understanding and interpreting data. Throughout the course, participants will delve into key statistical concepts, including descriptive statistics, probability theory, inferential statistics and hypothesis testing. Real-world applications and examples are used to demonstrate how statistics plays a crucial role in making informed decisions across various fields such as business, healthcare, social sciences and more. The course also emphasizes critical thinking and problem-solving, empowering students to make data-driven decisions with confidence. The course is recommended to fulfill the fourth year of math requirement.

Prerequisite: Algebra II (grade of 70% or higher both semesters) or Algebra II Honors (grade of 70% or higher both semesters).

3521 CALCULUS HONORS (11, 12) One credit

The course includes the study of differential and integral calculus, including such topics as limits and continuity, derivatives of elementary functions, L'Hopital's rule, velocity acceleration in linear motion, techniques of integration by parts, area between curves, volume of a solid revolution and Fundamental Theorem.

Prerequisite: Precalculus with Trigonometry Honors (grade of 70% or higher both semesters) or Precalculus with Trigonometry (grade of 80% or higher both semesters).

3532 AP CALCULUS AB (11, 12) One credit

This course teaches mathematical function behavior, including limits, derivatives and integrals. The course includes a variety of techniques and applications of differentiation and examines applications to geometry, engineering, science and business. Preparation for the AP Calculus AB exam is emphasized. Students are required to take the AP Calculus AB exam in the spring.

Prerequisite: Precalculus with Trigonometry or Precalculus with Trigonometry Honors (grade of 85% or higher both semesters).

3632 AP CALCULUS BC (12) One credit

This course continues the AP Calculus AB curriculum with topics including techniques and applications of integration, infinite sequences and series, differential equations and parametric, vector-valued and polar functions. Preparation for the AP Calculus BC exam is emphasized. Students are required to take the AP Calculus BC exam in the spring.

Prerequisite: AP Calculus AB (grade of 70% or higher both semesters) or Precalculus with Trigonometry Honors (grade of 90% or higher both semesters).

Science

4140 BIOLOGY (9, 10) One credit

This course includes the study of the structure and function of living organisms, diversity of life and the interdependence of organisms with their environment. Course topics include characteristics of life, scientific inquiry, chemistry of organisms, cell processes, DNA, genetics, and evolution. Students learn through hands-on labs/ dissections, reading materials, unit of laboratory apparatus and materials in the laboratory.

Prerequisite: none.

4161 BIOLOGY HONORS (9, 10) One credit

This course offers a challenging molecular approach to biology, emphasizing critical issues in genetic engineering, cellular energy, evolution, human body systems, DNA structure and function, as well as applications to health, medicine and public policy. Labs are conducted for discovery and/or reinforcement of scientific concepts.

Prerequisite: specific entrance exam score.

4330 ANATOMY AND PHYSIOLOGY (11, 12) One credit

This activity-based course investigates the structure and function of the human body. Topics covered include the basic organization of the body, biochemical composition and major body systems along with the impact of diseases on certain systems. Students engage in many topics and develop competencies related to understanding the structure and function of the human body. Students are responsible for proper use of lab equipment, lab reports and projects assigned throughout each unit.

Prerequisites: Biology (grade of 70% or higher) or Biology Honors (grade of 70% or higher) and successful completion of Chemistry or Chemistry Honors.



4352 AP BIOLOGY (11, 12) One credit

Dual credit optional - see page 6 for more information.

This is a college-level course at an accelerated pace. The curriculum includes the study of evolution, energetics information storage and transmission, and systems interactions. Presentation of the course material is a mix of lecture, case-studies, modeling and laboratory activities. Students are required to take the AP Biology exam in the spring. Summer assignments are required.

Prerequisite: Chemistry (grade of 90% or higher) or Chemistry Honors (grade of 80% or higher).

4370 ENVIRONMENTAL SCIENCE (11, 12) One credit

This course presents the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them. Students use a problem-solving approach involving case studies and laboratory activities. Students have the option of taking the AP Environmental Science exam in the spring.

Prerequisite: Chemistry or Chemistry Honors

4371 ENVIRONMENTAL BIOLOGY HONORS (11, 12) One credit

Dual credit optional - see page 6 for more information.

This course includes a study of the relationship of life to the physical Earth systems within which life exists. Students learn laboratory and data analysis techniques to understand the science of current environmental issues and apply critical science thinking to design projects that address environmental challenges at the local level. Students learn the science behind two to three Earth resources/systems (water, atmosphere, energy, etc.), consider a local environmental problem related to one of the resources/systems and design and implement a course of action to move towards more sustainable outcomes.

Prerequisite: Chemistry (grade of 80% or higher) or Chemistry Honors (grade of 70% or higher).

4381 BIOTECHNOLOGY HONORS (11, 12) One credit

Dual credit optional - see page 6 for more information.

Hands-on project-based course in which teamwork, cooperative learning and 21st century learning skills are used to explore the history, skill set and the potential of biotechnology to answer critical questions and solve problems. This integrated laboratory course incorporates next generation science standards to model scientific inquiry to solve problems and promote critical thinking. Technical applications such as DNA/RNA isolation, DNA restriction enzyme analysis, polymerase chain reaction analysis, DNA gel electrophoresis and RNA/DNA hybridization will be used in conjunction with basic protein analysis techniques to perform a variety of tasks. Basic microbiology, virology and cell tissue culture technology will be studied and used, in conjunction with the other techniques, to explore the use of biotechnology. Bioinformatics, National Center for Biotechnology and associated data bases will be utilized to compare results from investigations to current data. This class encourages students to design and pursue their own projects as an extracurricular activity.

Prerequisite: Chemistry (grade of 90% or higher) or Chemistry Honors (grade of 80% or higher).

4391 BIOTECHNOLOGY II HONORS (12) One credit

Dual credit optional - see page 6 for more information.

The Biotechnology II Honors course allows students to perfect biotechnology techniques, learn to read research papers and hear about cutting edge research from researchers in the field. The curriculum includes advanced biotechnological techniques, fundamentals of cell biology and genetics, applications of biotechnology, bioethics and careers in biotechnology. Through laboratory activities and field based research, students conduct independent research in an active laboratory and learn to communicate their research by presenting at the regional science fair (SARSEF).

Prerequisite: Biotechnology Honors (grade of 80% or higher).

4551 SCIENCE RESEARCH HONORS (12) One credit

In this course students are challenged to complete original and independent research that is characteristic of college-level classes. Students generate research questions, conduct a literature review, collaborate with content-area experts, develop a hypothesis, collect and analyze data, and present original research. This advanced laboratory course is intended for seniors interested in continuing their study through an independent project in science, technology, mathematics or computer science. Students participating in this course should have a significant science background prior to enrolling. Course projects are subject to considerable peer and teacher review during all phases of development. The focus of this course is on sustained scientific inquiry. Students are expected to take responsibility for project development, meeting timelines, collecting data, defending procedures and presenting results. The instructor advises students on the research process, information sources and contacts. Instruction is also provided on such topics as data collection and presentation, statistical interpretation of results, protocols for research and presentation skills. Students will be encouraged to present their research at the regional science fair (SARSEF).

Prerequisite: GPA of 3.0 and three years of lab science.

4250 PHYSICAL EARTH SCIENCE (9, 10) One credit

This course introduces students to the integrated disciplines of astronomy, chemistry, climatology, geology, meteorology, physics and earth resources. This course provides students with a math-based approach to problem solving and a foundation for chemistry and physics. Students gain experience with hands-on labs and integrated technology activities.

Prerequisite: none.

4220 CHEMISTRY (10, 11, 12) One credit

This course includes a study of the physical world, including the basic structure of matter, how substances can be made, how substances react with each other and how these substances behave according to physical laws. The course uses Algebra I math skills on a regular basis.

Prerequisite: Biology, Algebra I or Algebra I Honors (grade of 70% or higher).

4221 CHEMISTRY HONORS (10, 11) One credit

Comprehensive course covering the basic concepts of chemistry for the academically advanced student. The course is designed to provide a mechanism by which the student has the opportunity to develop skills in critical thinking, chemical thinking, laboratory work and chemical calculations. Formal lab reports and notebooks are mandatory and writing is an essential part of the coursework.

Prerequisites: GPA of 3.5 and Algebra I (grade of 90% or higher), Algebra I Honors (grade of 80% or higher) or Geometry Honors (grade of 80% or higher).

4361 ORGANIC BIOCHEMISTRY HONORS (11, 12) One credit

This course introduces students to organic and biochemistry, including a study of nomenclature, structure, properties and common chemical reactions. The course is intended for motivated science students with good study skills. The course includes a high level of self/group study, independent research and laboratory experimentation.

Prerequisite: Chemistry Honors (grade of 70% or higher) or Chemistry (grade of 80% or higher).

4382 AP CHEMISTRY (11, 12) One credit

Dual credit optional - see page 6 for more information.

College-level course involving a detailed study of the structure of matter, kinetic theory of gasses, chemical equilibria, chemical kinetics and the major concepts of thermodynamics. Emphasizes chemical thinking, chemical calculations and proper laboratory techniques. Students are required to take the AP exam in the spring. Summer assignments are required.

Prerequisite: Chemistry Honors (grade of 80% or higher).

4440 PHYSICS (11, 12) One credit

Comprehensive course in general physics which includes the study of major concepts including motion, mechanics, law of gravitation, laws of work, wave mechanics and electricity. Labs reinforce the concepts with computer enhancement.

Prerequisites: Chemistry (grade of 70% or higher) and concurrent enrollment in or successful completion of Algebra II.

4441 PHYSICS HONORS (11, 12) One credit

This course teaches major physics principles sequentially beginning with mechanics; studies heat, optics, electricity and magnetism; and emphasizes the quantitative aspects of physics laboratory procedures.

Prerequisites: Chemistry Honors (grade of 80% or higher), Algebra II Honors (grade of 80% or higher) and concurrent enrollment in Precalculus/Trig Honors.

4592 AP PHYSICS C (12) One credit

College level course in calculus-based Newtonian mechanics. The laws of physics are studied and enhanced with computer-based laboratory work. Students are required to take the AP Physics C exam in the spring.

Prerequisites: Precalculus/Trig Honors (grade of 80% or higher) and concurrent enrollment in Calculus Honors or AP Calculus.

Social Studies

5112 AP HUMAN GEOGRAPHY (9) One credit

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. Students learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). Students are required to take the AP exam in the spring. This course counts for elective credit.

Prerequisite: specific entrance exam score.

5120 WORLD HISTORY (10) One credit

This course teaches a global perspective emphasizing the world's diversity and the development of human societies. The course surveys world civilizations and major periods of exchange and advancement and provides an emphasis on developments impacting the modern world.

Prerequisite: none.

5121 WORLD HISTORY HONORS (10) One credit

This course offers an advanced survey of the development of human societies throughout the world. The course surveys ancient and classical civilizations, major periods of exchange and advancement, and provides an emphasis on developments impacting the modern world. The course develops rigor and upper-level academic skills that will prepare students for success in the Humanities Program and AP testing. Summer reading with an assessment is required.

Prerequisites: GPA of 3.5 and English I (grade of 90% or higher) or English I Honors (grade of 80% or higher).

5162 AP WORLD HISTORY: MODERN (10) One credit

Rigorous, college-level course where students investigate significant events, individuals, developments and processes of world history with special emphasis on 1200 CE to the present. Students develop and use the same skills, practices and methods employed by historians such as analyzing primary and secondary sources, developing historical arguments, making historical connections and utilizing reasoning about comparison, causation, continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places including humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students are required to take the AP exam for this course in the spring. Summer reading with an assessment is required.

Prerequisites: GPA of 3.5 and English 9 (grade of 90% or higher) or English 9 Honors (grade of 80% or higher).

5340 U.S. HISTORY (11) One credit

This course includes the study of American history from early exploration to the present, with special emphasis in the second semester on the 20th century and America's involvement as a world power in foreign affairs. The total American experience is emphasized, including social, religious, philosophical, political and economic, with a special focus on geography. This course requires research work.



Prerequisite: none.

5776 U.S. HISTORY HONORS (11) .5 credit

This course is part of Humanities I: The U.S. Experience.

This course studies our recurring struggles for independence and identity, the emergence into international prominence and the challenge of our present world role. Students are involved in historical research of primary documents. Summer assignments are required.

Prerequisite: GPA of 3.5. A writing assessment may be required.

5792 AP U.S. HISTORY (11) One credit

This course is part of Humanities I: The U.S. Experience.

In this course students investigate significant events, individuals, developments and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians, such as analyzing primary and secondary sources, developing historical arguments making historical connections and utilizing reasoning about comparison, causation, continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places, including American and national identity; work, exchange and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. Students practice the thinking skills used by historians by studying primary and secondary source evidence, analyzing a wide array of historical evidence and perspectives, and expressing historical arguments in writing. Summer assignments are required. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5. A writing assessment may be required

5465 PSYCHOLOGY (11, 12) .5 credit

This course surveys major areas of psychology including the scientific method, human growth and development, learning and personality theories, adjustment disorders and therapy, and social psychology. The course emphasizes practical applications and the development of critical thinking skills. This course counts for elective credit only.

Prerequisite: none.

5482 AP PSYCHOLOGY (12) One credit

This course explores the ideas, theories and methods of the scientific study of behavior and mental processes. Students examine the concepts of psychology through reading and discussion, and will analyze data from psychological research studies. Students learn the history of psychology along with developmental processes and theories behind learning. Students are required to take the AP exam in the spring. Priority is given to students who have not taken Psychology. This course counts for elective credit.

Prerequisites: GPA of 3.25 and a grade of 80% or higher in U.S. History, U.S. History Honors or AP U.S. History.

7465 ECONOMICS (12) .5 credit

This course provides students with knowledge of basic economic concepts and theories, as well as the economic structure of the United States and the world. Course instruction includes banking, financial markets, financing business through stocks and bonds, investments, Federal Reserve policy and government policy.

Prerequisite: none.

5535 U.S. GOVERNMENT AND POLITICS (12) .5 credit

This course includes the study of early American concepts of political science as a basis for understanding today's government. The course compares modern political and economic structures; provides an in-depth treatment of constitutional rights, the election process and the Legislative, Executive and Judicial branches of the government at the federal, state and local levels; and explores the impact of current affairs in these areas. This course requires research work.
Prerequisite: none.

5547 AP U.S. GOVERNMENT AND POLITICS (12) .5 credit

This course includes in-depth study, research and discussion of contemporary political concepts. Through its emphasis on reading, writing and critical thinking, this college-level course aims to foster an understanding of the U.S. political system. Students are required to take the AP exam in the spring.
Prerequisite: GPA of 3.5.

5657 AP MACROECONOMICS (12) .5 credit

Dual credit optional - see page 6 for more information.

This course provides students with a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5.

5677 AP MICROECONOMICS (12) .5 credit

Dual credit optional - see page 6 for more information.

This course gives students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumers and producers, within the economic system. The course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Students are required to take the AP exam in the spring.

Prerequisite: GPA of 3.5.

5900 LEADERSHIP (10, 11, 12) One credit

This course enhances awareness of the need for effective leadership and a shared pursuit of group goals. The course includes Executive Council and General Student Council meetings, committee meetings and special project participation. The course requires work hours outside of class. This is a zero-hour class.

Prerequisite: election or appointment to Student Council.

Theology

2135 JESUS IN SCRIPTURE: OLD TESTAMENT (9) .5 credit

This course gives students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, students come to encounter the living Word of God, Jesus Christ. Students learn about the Bible, authored by God through inspiration, and its value to people throughout the world; how to read the Bible; and become familiar with its major sections and books included within each section. This course is offered in the fall semester.

Prerequisite: none.

2165 JESUS IN SCRIPTURE: GOSPELS (9) .5 credit

This course introduces students to the mystery of Jesus Christ as the Living Word of God and the Second Person of the Blessed Trinity. Special emphasis is placed on the Gospels, so students grow to know and love Jesus Christ personally. Students understand that Jesus Christ is the ultimate Revelation from God. In learning about who He is, the students learn who He calls them to be. This course is offered in the spring semester.

Prerequisite: none.

2235 THE PASCHAL MYSTERY (10) .5 credit

This course teaches students all that God has done for them through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students learn that they share in this redemption in and through Jesus Christ. They are introduced to what it means to be a disciple of Christ and what life as a disciple entails. This course is offered in the fall semester.

Prerequisite: none.

2265 JESUS CHRIST'S MISSION (10) .5 credit

This course helps students understand the sacred nature of the Church and that in and through the Church they encounter the living Jesus Christ. Students are introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. Students come to know that the Church is the living Body of Christ today and that his Body has both divine and human elements. This course is offered in the spring semester.

Prerequisite: none.

2335 LIFE IN JESUS CHRIST (Morality) (11) .5 credit

This course helps students understand that it is through Christ that they can fully live out God's plans for their lives. Students learn the moral concepts and precepts that govern the lives of Christ's disciples. This course is offered in both the fall and spring semesters.

Prerequisite: none.

2345 LIVING AS A DISCIPLE OF JESUS CHRIST (Social Justice) (11) .5 credit

This course introduces students to the Church's social teaching. Students learn how Christ's concern for others, especially the poor and needy, is present today in the Church's social teaching and mission. This course is offered in both the fall and spring semesters.

Prerequisite: none.

2776 U.S. HISTORY HONORS: HISTORY OF AMERICAN THEOLOGIES (11) .5 credit

This course is part of Humanities I: The U.S. Experience.

This course studies recurring struggles for independence and identity in conjunction with the history of religion in the United States from the historical perspective of the Protestant and Roman Catholic faiths, with attention given to minority groups which illustrate the diversity and liberty developed through U.S. history. The course requires participation in a summative cross-discipline project evaluating the extent to which the principles of the Declaration of Independence have been realized in the United States. Central to this course are two basic principles: the fundamental freedoms of conscience and religion that are recognized and codified in our Constitution continue to empower and inspire; and the experience and understanding of various individuals and groups as they practiced their faiths have had significant and enduring impacts on the history of our country. Included in the course are applications of the First Amendment Religious Liberty clauses, colonial beginnings, principles of the Founders, impacts on Native peoples, 19th century social reforms, frontier expansion and the Second Great Awakening, impacts of immigration and social changes in 19th and 20th centuries, the Social Gospel and Progressivism, the Civil Rights Movement and the ongoing commitment to ensure human dignity and equality.

Prerequisite: GPA of 3.5. A writing assessment may be required

2455 RESPONDING TO THE CALL OF JESUS CHRIST THROUGH SACRAMENTS (Vocations) (12) .5 credit

This course helps students understand the vocations of life and how Christ calls us to live. The course is structured around married life, single life, priestly life and consecrated life. Students learn what it means to encounter Christ today in and through the sacraments. Students examine each of the sacraments in detail to learn how they may encounter Christ throughout life. This course is offered in the fall semester.

Prerequisite: none.

2665 ECUMENICAL AND INTERRELIGIOUS ISSUES (World Religions) (12) .5 credit

This course helps students understand the manner in which the Catholic Church relates to non-Catholic Christians, as well as to other religions of the world. Students 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. This course is offered in the spring semester.

Prerequisite: none.

World Language

6120 SPANISH I (9, 10, 11) One credit

This course emphasizes building an extensive vocabulary presented in a functional/situational context. Students move quickly to develop the basic skills of listening, speaking, reading and writing through short stories and creative writing in Spanish. The course includes some study of Hispanic culture. The course is primarily taught in Spanish throughout the year.

Prerequisite: none

6121 SPANISH I HONORS (9, 10, 11) One credit

This course uses actions and drawings to build an extensive vocabulary base. With this vocabulary, students move quickly to develop the basic skills of listening, speaking, reading and writing through short stories and creative writing, all in Spanish. The course includes some study of Hispanic culture. The course is primarily taught in Spanish. All students in this group are encouraged to follow a four-year language program.

Prerequisites: specific verbal and reading scores on the entrance exam.

6220 SPANISH II (9, 10, 11) One credit

This course continues the work of Spanish I, developing the skills of comprehension, speaking, reading and writing through stories and creative writing exercises; and increasing vocabulary and grammatical structures. The course is taught completely in Spanish and all students are expected to speak only Spanish.

Prerequisite for freshman: specific score on the Spanish placement test.

Prerequisite for sophomores, juniors and seniors: grade of 70% or higher in either Spanish I or Spanish I Honors.

6221 SPANISH II HONORS (9, 10, 11, 12) One credit

This course continues the work of Spanish I Honors with a heavy emphasis on the use of the language in classroom work; develops the skills of comprehension, speaking, reading and writing through stories and creative writing exercises; increases vocabulary; and focuses on key grammatical structures. The course is taught completely in Spanish and all students are expected to speak only Spanish.

Prerequisites: Spanish I Honors (grade of 80% or higher) with an acceptable timed writing test, Spanish I (grade of 90% or higher) with an acceptable writing sample and teacher recommendation or specific verbal and reading scores on the entrance exam and Spanish placement test.

6321 SPANISH III HONORS (10, 11, 12) One credit

This course continues the work of Spanish II Honors. The course is taught completely in Spanish and all students are expected to speak and write only Spanish. The course emphasizes conversation and fluency while focusing on continued grammar study and expansion of vocabulary at a rapid pace. Most classroom work is done in the context of small groups and class discussions. Short stories from Spain and Latin America are discussed. DELETE Students are expected to write in Spanish.

Prerequisites: Spanish II Honors (grade of 80% or higher) with an acceptable writing sample or Spanish II (grade of 90% or higher) with an acceptable writing sample.

6320 SPANISH III (10, 11, 12) One credit

This course continues the work of Spanish II, emphasizing conversation and fluency while focusing on continued grammar study and expansion of vocabulary. Oral participation is very important and students are expected to engage in small group work and class discussions. Short stories about Latin America are discussed. The students are expected to write and speak in Spanish.

Prerequisite: Spanish II (grade of 80% or higher) or Spanish II H (grade of 70% or higher with department approval).

6421 SPANISH IV HONORS (10, 11, 12) One credit

This course continues the development of the four language skills of comprehension, speaking, reading and writing. The course introduces advanced points of grammar while continuing to study the elementary structures. The course expands on a variety of oral and written activities, and strengthens and develops oral and written skills, vocabulary and knowledge of Hispanic culture through reading selections and videos. The course is designed to serve those students who want a greater challenge than Spanish IV, but are not interested in an AP course.

Prerequisite: Spanish III Honors (grade of 80% or higher) and an acceptable writing sample or Spanish III (grade of 90% or higher) and an acceptable writing sample.

6522 AP SPANISH LANGUAGE (11, 12) One credit

This course continues the development of the four language skills of comprehension, speaking, reading and writing. The course introduces advanced points of grammar while continuing to study the elementary structures. The course expands on a variety of oral and written activities, and strengthens and develops oral and written skills, vocabulary and knowledge of Hispanic culture through reading selections and videos. This course is equivalent to a fifth semester college-level course. Students are required to take the AP exam in the spring.

Prerequisite: Spanish III Honors (grade of 90% or higher), Spanish IV (grade of 90% or higher), Spanish IV Honors (grade of 90% or higher), Spanish III Heritage Learners Honors (grade of 90% or higher) or Spanish IV Heritage Learners Honors (grade of 80% or higher) and an acceptable writing sample.

6562 AP SPANISH LITERATURE (11, 12) One credit

This course prepares students to read and analyze Hispanic literature using oral and written skills equivalent to third-year college level. The course gives students a broad survey of literature from Spain and Latin America. Students will understand lectures in Spanish, participate actively in discussions on literary topics, read texts of all genres and critically analyze their form and content. Students are required to take the AP exam in the spring.

Prerequisites: AP Spanish Language (grade 80% or higher), Spanish IV (grade of 90% or higher), Spanish IV Honors (grade of 90% or higher) or Spanish IV Heritage Learners Honors (grade of 90% or higher) and an acceptable writing sample.

6650 SPANISH II HERITAGE LEARNERS (9, 10, 11, 12) One credit

This course is conducted in Spanish. Students will continue to practice the four language skills of reading, listening, speaking and writing. The course continues grammar and vocabulary acquisition. The course emphasizes writing as a form of communication.

Prerequisites: Student must understand spoken Spanish and have a specific score on the Spanish placement test.

6661 SPANISH III HERITAGE LEARNERS HONORS (9, 10, 11, 12) One credit

This course continues the development of the four language skills of comprehension, reading, listening and writing. The course introduces advanced points of grammar and expands on a variety of oral and written activities, and strengthens and develops oral and written skills, vocabulary and knowledge of Hispanic culture through reading selections and videos. This class is conducted in Spanish.

Prerequisites: Spanish II Heritage Learners (grade of 80% or higher) or specific score on the Spanish placement test.

6671 SPANISH IV HERITAGE LEARNERS HONORS (9, 10, 11) One credit

This course stresses literature, composition, conversation and culture for native speakers. The course continues advanced grammar study and vocabulary development. This class is conducted entirely in Spanish.

Prerequisite: Spanish III Heritage Learners Honors (grade of 80% or higher) or specific score on the Spanish placement test.

6710 FRENCH I (9, 10, 11) One credit

Emphasizes building an extensive vocabulary base presented in a functional/situational context. Students move quickly to develop the basic skills of listening, speaking, reading and writing through communicative activities, short stories and creative writing, all in French. French/Francophone culture is an integral part of study. The course is taught primarily in French throughout the year. Prerequisite for freshmen: specific entrance exam score.

Prerequisite: none.

6720 FRENCH II (9, 10, 11, 12) One credit

This course continues the work of French I with intensive practice in speaking, reading, writing and oral comprehension at an intermediate level of difficulty in functional and situational contexts. The course develops appreciation of Francophone life and culture. The class is conducted entirely in French, with an emphasis on gradual refinement of spoken and written French.

Prerequisite: French I (grade of 70% or higher).

6721 FRENCH II HONORS (9, 10, 11, 12) One credit

This course continues the work of French I, moving at a faster pace. The course continues to develop the skills of comprehension, speaking, reading and writing through stories and creative writing exercises, with increased vocabulary and focus on key grammatical structures. The class is taught completely in French and all students are expected to speak only French.

Prerequisites: French I (grade of 90% or higher) with an acceptable writing sample and teacher recommendation or specific verbal and reading scores on entrance exam and French placement test.

6731 FRENCH III HONORS (9, 10, 11, 12) One credit

Dual credit optional - see page 6 for more information.

This course refines student knowledge of spoken and written French through conversation activities in functional and situational contexts, oral presentations, advanced reading selections and writing practice. The course reviews grammar and builds an appreciation of Francophone life and culture. The class is conducted entirely in French.

Prerequisite: French II (grade of 80% or higher) or French II Honors (grade of 80% or higher).

6741 FRENCH IV HONORS (10, 11) One credit

Dual credit optional - see page 6 for more information.

This course develops advanced skills in speaking, writing, reading and oral comprehension through in-depth study of relevant topics relating to French culture and literature. The course includes reading short novels and reviewing advanced grammar. The class is conducted entirely in French with emphasis on developing oral proficiency.

Prerequisite: French III Honors (grade of 80% or higher).

6762 AP FRENCH LANGUAGE (11, 12) One credit

This course emphasizes conversation and fluency while focusing on advanced grammar study and expansion of vocabulary in context. The course strengthens presentational and writing skills as well as knowledge of French and Francophone cultures through reading selections and videos. The class is conducted entirely in French with emphasis on refining oral proficiency. Students are required to take the AP exam in the spring.

Prerequisites: French IV Honors (grade of 80% or higher) and an acceptable writing sample.

6810 LATIN I (9, 10, 11) One credit

This course introduces students to the grammar and vocabulary of classical Latin. Students practice conversational Latin and, in learning Latin roots and prefixes, discover how extensively Latin has influenced the English language. The course explores our cultural indebtedness to the Greeks and Romans, especially in the areas of literature, architecture and mythology. The National Latin Exam is administered during the second semester.

Prerequisite: none.

6820 LATIN II (9, 10, 11, 12) One credit

This course continues the instruction of basic Latin, including comparative adjectives/adverbs, passive voice and perfect system of tenses and pronouns. The content of this course is dependent upon what is completed in the first year of Latin I. Students practice conversational Latin. The National Latin Exam is administered during the second semester.

Prerequisite: Latin I (grade of 70% or higher) or specific score on the Latin placement test.

6821 LATIN II HONORS (10, 11, 12) One credit

This course continues at an accelerated pace the instruction of basic Latin grammar, including comparative adjectives/adverbs, passive voice and perfect system of tenses and pronouns. Students study Christian authors (Fathers of the Church), Latin prayers and/or etymologies of specific academic fields (chemistry, biology and math). Students practice conversational Latin. The National Exam is administered during the second semester.

Prerequisites: Latin I (grade of 80% or higher) and teacher recommendation or specific score on the Latin placement test.

6830 LATIN III (10, 11, 12) One credit

This course continues the instruction of intermediate Latin including the subjunctive mood, indirect discourse and clauses of fear, cause, concession, consequence, purpose, proviso, time, circumstance and condition, with continuous review of grammar essentials. The National Latin Exam is administered during the second semester. Students may take the Latin SAT2 exam.

Prerequisite: Latin II (grade of 70% or higher), Latin II Honors (grade of 70% or higher) or specific score on the Latin placement test.

6831 LATIN III HONORS (10, 11, 12) One credit

Dual credit optional - see page 6 for more information.

This course continues the instruction of intermediate Latin grammar including the subjunctive mood, indirect discourse and clauses of fear, cause, concession, consequence, purpose, proviso, time, circumstance and condition, with continuous review of grammar essentials. Students study Christian authors (Fathers of the Church), Latin prayers and/or etymologies of specific academic fields (chemistry, biology and math). The National Exam is administered during the second semester. Students may take the Latin SAT2 exam.

Prerequisites: Latin II Honors (grade of 70% or higher) and teacher recommendation or specific score on the Latin placement test.

6840 LATIN IV (10, 11, 12) One credit

Dual credit optional - see page 6 for more information.

In this course students are expected to translate accurately from Latin into English and to demonstrate a grasp of grammatical structures and vocabulary. Since the appreciation of Latin requires an understanding of the literary techniques of Latin writers, stylistic analysis is part of the advanced work in the course and includes the study of the culture, social, political and religious context of the literature. Latin IV focuses on the study of one or two Latin authors of classical or Christian literature. The National Latin Exam is administered during the second semester.

Prerequisite: Latin III (grade of 70% or higher) or Latin III Honors (grade of 70% or higher).

6852 AP LATIN: CAESAR AND VERGIL (11, 12) One credit

This course parallels college courses. Students are expected to translate accurately from Latin into English and to demonstrate a grasp of grammatical structures and vocabulary. Since the appreciation of Latin literature requires an understanding of the literary techniques of Latin writers and of poetic meters when appropriate, stylistic analysis is an integral part of the advanced work in the course and includes the study of the cultural, social and political context of the literature on the syllabus. Students are required to take the AP exam in the spring.

Prerequisites: Latin III Honors (grade of 80% or higher) or Latin IV (grade of 80% or higher) and teacher recommendation.

Quiet Study / Peer Tutor / Teaching Assistant

QUIET STUDY FALL SEMESTER

QUIET STUDY SPRING SEMESTER

QUIET STUDY FALL PERIOD 4 OR 7

QUIET STUDY SPRING PERIOD 4 OR 7 (9, 10, 11, 12) No Credit

Quiet Study offers students the opportunity to prepare for classes/do homework in a *quiet* study room supervised by Salpointe teachers. Students may register for this time period with the understanding that the expectation is to stay on task by reading, writing or studying. Salpointe attendance and tardy policies apply. Quiet Study is highly recommended for students who need extra time to complete homework and may be repeated once every school year. During registration students will only be able to select quiet study for the fall or spring semester.

Prerequisite: none.

PEER TUTORS FALL SEMESTER

PEER TUTORS SPRING SEMESTER (11, 12) .5 credit

Peer tutors provide tutoring assistance to students referred to the Learning Lab by their teachers or counselors. Peer tutoring enrollment is available in the fall or spring semester. Tutoring occurs during class periods or quiet study periods. Prospective Peer Tutors must have the approval of the 504 Coordinator. See your class counselor for more information. This course is not available during registration. Students will need to complete an application to be considered for this course. This course may be repeated.

Prerequisite: application is required.

TEACHING ASSISTANT FALL SEMESTER

TEACHING ASSISTANT SPRING SEMESTER (11, 12) No credit

Teaching Assistant positions are either in the fall or spring semester. There are a limited number of spots available each semester working in administrative offices of the school. An application is required. Students cannot have a quiet study and be a teaching assistant in the same semester. See your class counselor for more information. This course is not available during registration. Students will need to complete an application to be considered for this course. This course may be repeated.

Prerequisites: GPA of 3.25 and application.

