

**DIAMOND BAR HIGH SCHOOL
2024-2025
COURSE DESCRIPTION BOOKLET**

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SYF

ART

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FUNDAMENTALS OF ART

GRADES 9 - 12

10 CREDITS

YEAR

This class is an introduction to the elements of art and the principles of design and is a prerequisite course for IB Art and Design. Students will explore various art media, think creatively, express ideas clearly, and demonstrate responsibility. ¹⁰⁰³
(Fine Arts/ Applied Arts) (UC/CSU "F" Elective VPA)

STUDIO ART

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Completion of Fundamentals of Art with a "C" or higher.

Studio Art is a year course founded upon prior artistic experience, understanding and knowledge of the Elements and Principles of Design. It is designed to reflect an artist's studio where a wide variety of mediums and projects create a challenging yet fun atmosphere. The student will explore many techniques while completing art projects that require higher level artistic solutions. Opportunity for student work to be submitted in art competitions throughout the county may occur. The course will culminate with an "Art-On-The-Lawn" show at the end of the year. Some historical and cultural contributions to the visual arts will be studied. This is a fun course for the student who truly enjoys art. ¹⁰²⁶

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

STUDIO ART AP

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: Grade of "A" in Fundamentals of Art and recommendation from the AP Art Teacher.

Studio Art AP features work at an exceptional level of excellence in the creative application of media used in drawing, painting, sculpture design, printmaking, photography, and computer graphics. Students will produce a portfolio of work that meets the requirements of the Advanced Placement curriculum; Drawing, 2-D Design or 3-D Design. College credit is possible with the passage of the AP portfolio assessment. ¹⁰¹⁵
(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

INTRODUCTION TO 3-D DESIGN

GRADES 9 - 12

10 CREDITS

YEAR

The purpose of Introduction to 3-D Design is to teach the Elements of Art and the Principles of Design through the production of projects addressing sculptural issues involving depth and space. This includes considerations of mass, volume, form, plane, light, texture, and color. Such elements and concepts may be articulated through additive, subtractive, and/or fabrication processes. A variety of approaches to representation, abstraction, and expression will be incorporated into the curriculum. These may include traditional sculpture, painting, paper mâché, ceramics, metal wire work, and wood. Students will become proficient using this media in the production of sculptures in the round and dioramas. ¹⁴³⁶

(Fine/Applied Arts) (UC/CSU "F" Elective VPA)

ART HISTORY AP

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: "A" in English.

This art history course traces the development of global artistic accomplishments from prehistory to the present. AP Art History units explore how issues such as politics, class, religion, patronage, audience, gender, function, and ethnicity impact art. Its content includes attention to the disciplines that lead to an understanding of art history, art criticism, aesthetics, and cultural context. Students will understand works of art through both visual and contextual analysis as well as function and form. This class is recommended for students with a strong interest in art and excellent study skills. College credit is possible with the passage of the AP test. ¹⁰⁶⁸

(Fine/Applied Art) (UC/CSU* "F" Elective VPA /NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

VISUAL ART IB SL

GRADE 11 - 12

10 CREDITS **YEAR**

PREREQUISITE: "A" in Fundamentals of Art and recommendation from the Art Teacher.¹¹⁹³
(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

VISUAL ART IB HL1

GRADE 11

10 CREDITS **YEAR**

PREREQUISITE: "A" in Fundamentals of Art and recommendation from the Art Teacher.¹¹⁹⁹
(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

VISUAL ART IB HL2

GRADE 12

10 CREDITS **YEAR**

PREREQUISITE: "A" in Fundamentals of Art and recommendation from the Art Teacher.

IB Visual Arts sequence of classes includes an exploration of a variety of experiences in imaginative and creative thinking. Students will focus on the acquisition of technical skills utilizing a wide variety of media, historical and cultural context, and internationalism. Drawing, painting, two-dimensional and three-dimensional design, computer graphics, photography, and multi-media exploration are included in the curriculum. Students will develop an in-depth attitude towards studio work and research through the production of a portfolio and research workbook. ¹¹⁸⁴
(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

ANIMATION

GRADE 9 – 12

10 CREDITS **YEAR**

Animation includes the cultural history of animation as a storytelling medium of communication. Students will develop the concepts, skills and techniques necessary for creating traditional and digital 2D Animation. Students will learn the twelve principles of animation and apply it to their projects. Students will write scripts for projects to produce short animation features. Students will learn about the elements and principles of art by analyzing and evaluating professional animation work. Students will incorporate the principles of their studies in art theory such as: movement, line, color, composition, rhythm and space. They will develop critical thinking skills with multiple research projects. Students will have the opportunity to research and present career opportunities in the creative industry. The course will culminate in the preparation of a portfolio of their artworks and animation. ¹³⁷⁹
(Fine/Applied Arts) (UC/CSU "F")

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

BUSINESS & TECHNOLOGY

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CAREER EXPLORATIONS THROUGH TECHNOLOGY
GRADES 9 - 12
5 CREDITS **SEMESTER**

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choices. Students will examine the career pathway programs offered on the DBHS campus, including Business Management /Entrepreneurship, Engineering & Architecture, Criminal Justice, Digital Video, Commercial Music, Photography, Sports Medicine, and Stagecraft. The course will include usage of productivity and industry standard software, including Microsoft Office Suite (Word, Excel, PowerPoint) and Adobe Creative Cloud Suite (Photoshop, Illustrator, Premiere). This course will assist the students in assessing their personal strengths and interests to identify potential future career fields and develop skills that are generic to all occupations, such as properly preparing career documents needed to obtain employment. ¹¹⁹⁶
(This course fulfills the district technology requirement for graduation.) (Applied Arts)

INNOVATIONS IN TECHNOLOGY
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: None.

Innovations in Technology is an exciting and dynamic year-long course designed to immerse students in the ever-evolving world of technology and its profound impact on our lives. This course explores the latest advancements, trends, and breakthroughs in the field, equipping students with the knowledge and skills needed to navigate the digital landscape of the 21st century. Course highlights include exploration in block-based & text-based programming (eg. Python), app and website development, emerging technologies (eg. Machine learning), cyber security, as well as ethical dimensions of technology and digital citizenship. ¹⁴⁷³
(This course fulfills the Year 1 course requirement for students in the Brahma Technology Academy.)
(UC/CSU - "G")

INTRODUCTION TO DESIGN 1, 2
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: Completion or concurrent enrollment in Algebra



The major focus of ID is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use the same industry-leading 3D modeling software used by professionals to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. ID is the first foundation course in the Project Lead the Way "Pathway To Engineering" sequence intended for students interested in STEM careers. ¹⁴⁴⁸
(Applied/Fine Arts) (UC/CSU - "F" Elective VPA)

HONORS PRINCIPLES OF ENGINEERING (PLTW)
GRADES 10 – 12
10 CREDITS **YEAR**

PREREQUISITE: Completion of Algebra with a "C" or higher; Completion or concurrent enrollment in Geometry; "C" or higher in Introduction to Design 1, 2

This survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. Students will apply their learning in such projects as the building of solar hydrogen fuel cell vehicles, bridges and catapults, and the programming and development of robotic systems. They develop problem solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. POE is the second foundation course in the Project Lead the Way "Pathway To Engineering" sequence intended for students interested in STEM careers. ¹⁴⁶⁴
(Applied Arts) (UC/CSU* – "D" /NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

HONORS DIGITAL ELECTRONICS (PLTW)

GRADES 11 - 12

10 CREDITS

YEAR

PREREQUISITE: Completion or concurrent enrollment in Geometry; “C” or higher in Principles of Engineering

This course introduces students to the study of digital circuits which forms the foundation of all modern electronic devices. Students analyze, design, and build their own digital electronic circuits using industry standard software and instruments to solve real world engineering problems. Students will also learn hands-on applicable skills such as soldering, bread-boarding, and programming microcontrollers. Digital Electronics is a specialization course in the Project Lead the Way “Pathway To Engineering” sequence to be taken after the completion of both foundation courses. ¹⁴⁶²
(Applied Arts) (UC/CSU* – “D” /NCAA)

HONORS ENGINEERING DESIGN & DEVELOPMENT (PLTW)

GRADES 12

10 CREDITS

YEAR

PREREQUISITE: Completion or concurrent enrollment in Geometry; “C” or higher in Digital Electronics

This capstone course allows students to get the chance to work in teams to research, design, test, document, and construct an engineering solution to a real-life problem. At the completion of the yearlong project, the team will present and defend their solution to a panel of independent professionals. Students will also, as a result of their exemplary projects, have the opportunity to register their work with the United States Patent and Trademark Office. EDD is the culmination of the Project Lead The Way “Pathway To Engineering” sequence and students will be expected to draw from all the skills and knowledge learned in those courses. ¹⁴⁶³
(Applied Arts) (UC/CSU* – “D” /NCAA)

INDUSTRIAL DESIGN ENGINEERING ACADEMY 1 (IDEA1)

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: None

This course prepares a new generation of skilled entrepreneurs and graphic media leaders by connecting students to hands-on career exploration opportunities in business, manufacturing, and design. Students enrolled in this course will utilize computer aided drafting (CAD) and graphic design software (SolidWorks, Adobe Illustrator, Fusion360, AutoCAD...) to create digital models. Students will learn how to transfer their models into physical prototypes or products using Laser Cutters, 3D Printers, Graphic Media Printers, Vinyl cutters and Direct-to-Garment T-shirt printers. Through this course, students learn the foundational tools and knowledge of Manufacturing, Product Design, Engineering, and Business. ²⁴⁰⁶
(Applied Arts) (UC/CSU – “F”)

INDUSTRIAL DESIGN ENGINEERING ACADEMY 2 (IDEA2)

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Completion of Industrial Design Engineering Academy 1 (IDEA1)

IDEA2 builds upon the skill set and knowledge acquired in “IDEA1,” preparing a new generation of skilled entrepreneurs and graphic media leaders by connecting students to hands-on career exploration opportunities in business, manufacturing, and design. Students enrolled in this course will focus on advancing soft skills and can earn industry certifications. Students will gain a more in-depth understanding and utilize more advanced practices involved within manufacturing, designing, engineering, and business. IDEA 2 students develop skills in design, engineering, and development of a product, manufacturing a prototype, and marketing/selling their finished product. Year 2 students will take on more leadership roles, coaching year 1 students, create a Digital Portfolio and final presentations to showcase their final products. ¹³⁸⁴
(Applied Arts) (UC/CSU – “F”)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ROBOTICS

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Computer Systems or ICT/Career Explorations; completion of Geometry with a C or higher; completion of Biology OR Biology Pre-AP with a C or higher.

This course will introduce students to the science of mechanical design, and computer programming through the building of robots using the Lego Mindstorms NXT kits. The various robotic projects that will be completed throughout the year will tie together many disciplines taught in the classroom e.g. computer science, physics, biology, industrial design, math, psychology, and engineering. Students will be presented with modular challenges that they must solve collaboratively, and they must, critically, thoughtfully, and creatively, come up with solutions to these challenges in their design and application. Students will be expected to blog, journal, and document their learning for each module through building websites and writing student reports. The course will culminate in the class participating in various competitions, expositions and demonstrations on and off campus.

Repeatable for credit. (Applied Arts)

AP COMPUTER SCIENCE PRINCIPLES (Advanced Placement)

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: A grade of "B" or higher in Algebra 1.

Using Python® as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.¹²⁷⁵
(Applied Arts) (UC/CSU* "D"/NCAA)

COMPUTER SCIENCE A AP (Advanced Placement)

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: A grade of "B" or higher in Trigonometry, the last two years of English, and ICT/Career Explorations or Computer Systems. Recommended: completion of Computer Science Principles AP with a C or higher.

This is an introductory college level course in object-orientated programming. A large part of the course is built around the development of computer programs that focus on development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods.

¹⁰⁶³
(Applied Arts) (UC/CSU* "C"/NCAA)

COMPUTER GRAPHIC DESIGN

GRADES 9 - 12

10 CREDITS

YEAR

In Computer Graphics, students will explore two-dimensional and three-dimensional real-world applications of design. After acquiring a historical context of graphic design, students will develop skills in artistic perception, critiquing, and application of design strategies through experiences that emphasize solving visual art problems. Students will develop an awareness of historical trends in design, themes and subject matter from diverse times, places and cultures. Art criticism experiences will further develop a student's ability to see how their personal life affects their interpretations of design. All experiences will focus on developing perception and application of the elements of art and principles of design through contemporary design applications. Adobe Illustrator and Microsoft Publisher will be introduced.

(Fine/Applied Arts) (UC/CSU "F" Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SENIOR PROJECT

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Completion of AP Computer Science Principles (AP CSP) & AP Computer Science A (AP CSA).

This project-based course serves as a capstone course for students completing both AP CSP & AP CSA coursework. The objective of this course is for students to draw upon previous coursework to provide a solution for a real world problem. Students apply knowledge and skills learned in core academic classes with technology to complete a diverse range of projects representing different professional applications, including STEM (e.g., computer science, drafting, game design, robotics, etc.) business and productivity software; desktop publishing and graphic design; video production, web development, and multimedia presentations. In this course students have the opportunity to embark in the aspect of design that inspires them the most. Students will produce a proposal for their senior project that must be approved by the instructor. Students will design, build, test, and present a project as if it were a commercial project or design. Students will focus on design, project planning, prototyping fabrication, assembly and testing. Components of each project include writing, design, problem-solving, technology, and career exploration. Students will also be required to write formal reports and formal oral presentations. Project proposals can either be completed individually or as a team.²³²⁶

(UC/CSU "G" Elective)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

CAREER EDUCATION ELECTIVES

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COOPERATIVE VOCATIONAL EDUCATION (CVE/WORK EXPERIENCE)

GRADE 12

5/10 CREDITS

SEMESTER/YEAR

PREREQUISITE: Must be gainfully employed

This course combines paid employment with classroom instruction. Students will attend their own jobs during the week and also attend a class session twice a week at school. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills. Students will develop work habits, attitudes, self-confidence and job skills which can be used to locate, secure and retain employment in the community.

(Applied Arts)

PHOTOGRAPHY

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Basic computer skills are recommended.

Diamond Bar High School is proud to offer students an opportunity to study photography and Photoshop. The class is designed to help prepare students for the changing world of photography. In this class, students will use digital cameras to capture images and utilize Photoshop to enhance and edit them. Progressing through the following units will help students become proficient photographers: 1) DSLR Camera Functions 2) Manual Mode & Exposure Triangle 3) Photography Composition 4) Layer Masks & Selection in Photoshop 5) History of Photography.¹⁰⁴⁷

(Fine/Applied Arts) (UC/CSU "F" Elective VPA)

PHOTOGRAPHY II: PHOTOSHOP

GRADES 11 - 12

10 CREDITS

YEAR

PREREQUISITE: Photography I or a previous art or technology class.

Similar to Photography, this course includes learning to use DSLR cameras, however, students will learn the myriad of Photoshop tools used for designing, art, and graphics. This course focuses primarily on practice of Photoshop tools and its ability to edit images. Adobe Photoshop will be used to create professional looking composite photos, banners, color photos, and black and white photos. Students will learn to manipulate images by using layers; students will create professional photo files ready for print.¹⁰²³

(Fine/Applied Arts) (UC/CSU "F" Elective VPA)

DIGITAL VIDEO PRODUCTION

GRADES 9 – 11

10 CREDITS

YEAR

This course provides video basics and participation in the pre-production, production, and post-production processes of filmmaking. This course includes camera operation, audio recording, composition, scriptwriting, storyboarding, editing, distribution, and evaluation of films. Film analysis will include story elements, design, location, lighting techniques, special effects, and more. Students will analyze films of various genres and complete various projects including commercials, PSAs, music videos, indies, trailers, documentaries, shorts, instructional videos, and community service projects.¹⁴¹³

(Fine/Applied Arts) (UC/CSU "F" Elective VPA)

ADVANCED DIGITAL VIDEO PRODUCTION

GRADES

10 CREDITS

YEAR

PREREQUISITE:

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ADVANCED DIGITAL MEDIA PRODUCTION

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: Completion of Digital Video Production with a grade of “C” or higher and/or instructor approval

This course provides advanced video production and participation in the pre-production, production, and post-production processes of filmmaking. Students in this course will be expected to complete school service projects and assist site needs in film production. Students in this course will be producing marketable films for distribution in school, community, and festivals.¹⁴²⁰

Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective VPA)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

BUSINESS MANAGEMENT AND MARKETING
GRADES 9 – 12
10 CREDITS
PREREQUISITE: None

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This course is designed to bring students the latest information on national and international marketing. Emphasis will be placed on creative thinking and personal/business ethics such as responsibility, accountability and integrity. The general areas of study will include topics in selling concepts, promotion, marketing principles and customer service with an awareness of the global marketplace. Entrepreneurship, risk management, and general management principles. A large portion of the class will be dedicated to the completion of a business simulation. This simulation will give students hands-on experience of how a business is run using basic business concepts and procedures. The simulation will include the use of business forms for sole proprietorships, partnerships, federal agencies, and corporations. Students will see how their work affects their company as well as other companies in the business community. This course provides a comprehensive overview of the technologies present in today's business environment. Students are exposed to business practices that streamlines and promotes more effective operations. Students will understand how computer hardware and software are used to solve business problems and create business opportunities using entrepreneurship skills. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹³⁸⁵
(Applied Art) (UC/CSU "G")

ADVANCED BUSINESS MANAGEMENT
GRADES 11 – 12
10 CREDITS
PREREQUISITE: Business Management and Marketing

Advanced Business Management: Enterprise and Project Management (Capstone) is a college preparatory, applied mathematics course integrated with key math content standards. The innovative finance curriculum utilizes mathematics to teach key life skills; students learn to think critically and plan for the long-term. The use of graphic analysis demonstrates to students the compounding effect of investing over forty years. The curriculum covers the importance of saving, strategies for generating and protecting greater wealth, as well as fundamental career skills including negotiations and professionalism. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹³⁸⁶
(Applied Art) (UC/CSU "G**")

SYF

STAGECRAFT (*Note: this is the same course offered under the "DRAMA section")
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: None

This course will train students in the use and management of the various elements of technical production during a dance, music, or theatrical performance. These elements include the rigging and movement of sets, scenery, and lighting equipment, the use of computerized switching systems for lighting and sound, the management and distribution of stage properties, etc. Students will also be taught to manage the complex support tasks that are involved in a performance. They will explore apprenticeship, higher education options, career training, and professional placement. Students will learn specialized vocabulary; explore set, lighting, and costume design; and reflect on design elements found in school and outside productions with design analysis and critiques. They will explore mood, the effect of color, and perspective. Problem solving, leadership, team building, and working well under pressure are stressed. The course includes practical, critical, and cultural content and will place an emphasis on creative expression, aesthetic valuing, and the practical realization of various aspects of design. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹²⁹⁴
Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ADVANCED STAGECRAFT (*Note: this is the same course offered under the “DRAMA section”)
GRADES 11 - 12
10 CREDITS **YEAR**
PREREQUISITE: Stagecraft

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This course will build on foundation skills in Stage Technology and Production to include design in a variety of theatrical productions. Students will use analytical skills to interpret literary material to create a design concept. Students will be familiar with design elements, drafting techniques, computer software, and modeling skills necessary to prepare designs and models of theatrical sets. They will be trained to interpret mechanical drawings to safely use appropriate power equipment to construct sets based on the artist's designs. They will also become familiar with the diverse array of production materials and techniques used to augment live theatrical productions. Advanced Stagecraft is a year-long elective course that builds upon the skill set and knowledge acquired in Stagecraft. Advanced Stagecraft will continue to train students in the use and management of the various elements of technical production during a dance, music, or theatrical performance. Students will be trained to think critically, solve problems, and work together on teams and be assigned specific tasks to complete with deadlines. Students will expand their knowledge of theater vocabulary; design set, lighting, and costume design; and reflect on design elements found in school and outside productions with design analysis and critiques. The Advanced Stagecraft curriculum includes practical, critical, and cultural content and will place an emphasis on creative expression, aesthetic valuing and the practical realization of various aspects of design. Hands-on training and Work Based Learning Opportunities will help students gain the necessary skills, knowledge, and abilities necessary to perform the many tasks involved in theatrical productions. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹⁴⁵²
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective)

AUDIO ENGINEERING & RECORDING ARTS (*Note: this is the same course offered under the “MUSIC section”)
GRADES 10 – 12
10 CREDITS **YEAR**
PREREQUISITE: None

In this course, students will build a solid foundation in audio recording. They will learn about the stages of production, acoustics, signal flow, and the operation of Digital Audio Workstations (DAWs). Additionally, students will delve into fundamental mixing concepts such as volume, panning, equalization, dynamics control, and time-based effects. The basics of recording, including digital vs analog technologies, recording equipment, gain staging, and multitrack recording techniques, will be covered. Students will also explore recording techniques for various instruments and vocals, along with an introduction to touring technology and critical listening skills.¹⁴⁴⁰

NOTE: Some course projects / labs will require students to complete components in the audio recording lab beyond the regular school day. The instructor will provide options to support students in completing such projects.
(Fine/Applied Arts) (UC/CSU “F”)

SPORTS PHYSICAL THERAPY
GRADES 9 – 12
10 CREDITS **YEAR**
PREREQUISITE: None

Students will receive instruction in basic anatomy and physiology, preventative sports medicine, and the fundamentals of fitness. Sports Physical Therapy prepares students interested in careers as Physical Therapy Aides, Athletic Trainer Assistants, or Exercise Assistants. During the practical application of their content skills, students will support DBHS athletic programs. Additional hours outside of class at sporting events may be required. This course is articulated with PE 19 at MT SAC, and successful completion of the course qualifies students to take credit-by-examination at the college. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.²⁰⁹¹
(Applied Arts) (UC/CSU “G” Elective)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SPORTS PHYSICAL THERAPY (ADVANCED)

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: Sports Physical Therapy

This course is designed for students in the student athletic training program and provides a more in-depth study and application of the components of sports medicine including but not limited to: creative rehabilitative techniques; therapeutic modalities; prevention, recognition, and care of injuries to the upper extremity, trunk, head and face; injuries to the young athlete, drugs in sports; modern issues in sports medicine. Individualized and independent assignments will be included in this course. During the practical application of their content skills, students will support DBHS athletic programs. Additional hours outside of class at sporting events may be required. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.²⁰⁹²
(Applied Arts) (UC/CSU “G” Elective)

CULINARY FOOD SCIENCE

(*Note: this is the same course offered under the “SCIENCE section”)

GRADE 10 – 12

10 CREDITS

YEAR

PREREQUISITES: None

This course is designed to teach students chemistry through the science of food, the food industry and technology advances, as a concentrator course in the Culinary Arts CTE Pathway. Through extensive and numerous laboratory experimentation along with class discussion, field trips, guest speakers, students will apply chemistry principles as they pertain to the food science industry. The topics of atomic structure, chemical bonds, gasses, acids and bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, organic chemistry and nuclear processes will be embedded in the class discussions, activities and labs about agriculture, food science and technology. Students will grow food in the school garden to later be used in class. ¹³⁹⁰
(UC/CSU “D”) *Physical Science course*

ADVANCED CULINARY ARTS

GRADE 11 – 12

10 CREDITS

YEAR

PREREQUISITES: Completion of Culinary Food Science with a grade of C- or better

This is the second year (capstone) course in the Culinary Arts CTE Pathway for Food Service, Hospitality and Tourism sector. This course builds on student’s understanding of the physical, chemical and biological characteristics of food. Throughout the course content, students will collaborate to develop an understanding of the historical and cultural influences on global cuisine, the science of culinary processes, and engage in analyzing the contents and properties of food. Students will develop a working knowledge of the elements involved in establishing and managing a foodservice operation. Students will employ menu planning, purchasing, pricing, and food preparation techniques designed to maximize guest satisfaction and financial profitability. Students will be exposed to the Hospitality and Tourism Industry through exploration of the front of the house and back of the house careers. As a capstone course for the Culinary Arts CTE Pathway aimed at preparing students to meet career-readiness standards, students enrolling in this course will be required to meet heightened food safety handling standards for hygiene, including maintaining clean and trimmed fingernails, and avoiding the use of artificial nails. ¹³⁹¹
(UC/CSU: “G”)



Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

DANCE

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BEGINNING DANCE (*Note: this is the same course offered under the “P.E. section”)

GRADES 10 -12

10 CREDITS

YEAR

PREREQUISITE: None

Students will learn and develop fundamental dance skills in the areas of Ballet, Jazz, Modern, Musical Theatre, Tap and Folk Dance, as well as gain experience in both production methods and performance. The student will gain an understanding of dance from a historical context; gaining knowledge in dance as it developed from merely a means of communication to its social significance in today’s society. Students are expected to participate in a dance concert at the end of each semester which may require rehearsals outside of normal school hours. Students will also be encouraged to attend one live dance performance off campus.¹⁸⁰⁶ (Fine/Applied Arts/PE) (UC/CSU “F” Elective VPA)

INTERMEDIATE PERFORMANCE ENSEMBLE

GRADES 9 – 12

10 CREDITS

YEAR

PREREQUISITE: Teacher approval or through audition. Intermediate dance students will refine their skills and dance technique.

Students will continue to develop dance skills and be introduced to performance of more abstract dance forms, staging and rhythms. Intermediate dance students will learn the necessary tools in order to choreograph their own dance for upcoming performances. Students will apply the principals of composition in order to choreograph pieces and will be given the opportunity to audition to be in a dance concert at the end of each semester. Enrollees are expected to participate in rehearsals outside of the normal school hours. Dancers will explore the historical and academic areas related to the field of dance.¹⁸⁴⁵

Repeatable for credit. (Fine/Applied Arts/PE) (UC/CSU “F” Elective VPA)

PERFORMANCE DANCE ENSEMBLE

GRADES 9 -12

10 CREDITS

YEAR

PREREQUISITE: Teacher approval or through audition.

Students will continue to refine their skills and dance techniques. They will develop more advanced dance skills and expand their knowledge in the understanding and performance of more abstract dance forms, staging and rhythms. Students will apply the principals of composition in order to choreograph performances and are expected to participate in a dance concert at the end of each semester which will include rehearsals outside of normal school hours. Dancers will explore the historical and academic areas related to the field of dance. Students will also be required to attend at least one live dance performance, each semester, off campus.¹⁸⁰⁹ **Repeatable for credit.** (Fine/Applied Arts/PE) (UC/CSU “F” Elective VPA)

DANCE TEAM

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Audition only. 2.0 GPA and previous dance experience either at school or studio

This performance-based class meets daily, sixth period. Dancers are expected to perform at rallies, concerts and other school events, attend daily practices both on and off campus and compete during spring season. Students will develop more advanced dance skills and expand their knowledge in performance venues. Dance Team members will collaborate in order to choreograph for upcoming performances and build a disciplined company unit. Dancers will explore historical and academic topics related to the field of dance. Competitions involve travel. Practices and performances take place outside the normal school hours and include evenings, weekends, holidays, summers, and vacation breaks. Dance Team begins its season the last week of July and attendance is required.¹⁸²³

Repeatable for credit. (Fine/Applied Arts/PE)

DANCE IB/SL

GRADES 11 – 12

10 CREDITS

YEAR

PREREQUISITE: Admission into the IB Programme

Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance and embraces a variety of dance traditions and dance cultures – past, present and looking towards the future. Performance, creative and analytical skills and mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers, or those, more broadly, who seek life enrichment through dance.²⁴⁰¹

(Fine/Applied Arts/PE) (UC/CSU “F” Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

DRAMA

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BEGINNING DRAMA

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: None

This is a yearlong course for students who would like to learn more about theater, while learning and participating in exercises, activities, and projects. The course can be used to fulfill the UC Subject Requirements in the "F" Elective (Visual & Performing Arts) or "G" Elective (College-preparatory elective) categories. The course will cover theatrical practices and theater history from their origins in different regions of the world. Students will engage in critical analysis and respond to theatrical performances by watching both filmed and live performances. Students will learn basic theater terminology, and will become familiar with all aspects of theater. Students will hone public speaking, presentation, and collaboration skills. Students will explore acting techniques, musical theater, playwriting, directing, tv/film, costume design, makeup design, set design, theater around the world, and so much more! Students will produce projects related to each of these areas of study.¹⁰⁴⁵

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

INTERMEDIATE DRAMA

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: Completion of Beginning Drama with a grade of "C" or higher and/or instructor approval

This is a yearlong course for students with some theater performance experience. Intermediate Drama focuses on acting techniques such as characterization, movement, voice, improvisation, honesty, beats & scoring. Students expand on skills learned in Beginning Drama to advance their theatrical skills. Intermediate Drama students will focus on acting techniques, musical theater, improvisation, children's theater, theatrical design (costumes, makeup/hair, set design, props), theater history, playwriting, directing, scene study, characterization work, tv/film acting, and more! Students in Intermediate Drama will put on a student-produced Children's Theatre Show that will travel to all Elementary Schools in the District! Intermediate Drama students will attend and participate in theater festivals/competitions, workshops with Industry Professionals, Disney Performing Arts Workshops, and attend live theatrical performances. Students are required to attend one live production each semester and complete a production review.¹⁰⁵⁷

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

ADVANCED DRAMA

GRADES 11-12

10 CREDITS

YEAR

PREREQUISITE: Completion of Beginning Drama, or Intermediate Drama with a grade of "C" or higher and audition for instructor.

This is a yearlong course for students who show exceptional promise and motivation in theater. Advanced Drama works to further craft student's performance skills through characterization, movement, voice, improvisation, honesty, beats & scoring, moment before, subtext, self-reflection, text study, and more. Students expand on skills learned in Beginning & Intermediate Drama. Advanced Drama students will focus on acting techniques, musical theater, improvisation, Winter Musical, theatrical design (costumes, makeup/hair, set design, props), theater history, playwriting, directing, scene study, characterization work, tv/film acting, theater theorists, play study, and more! Students in Advanced Drama will put on a student-produced Winter Musical in December. Advanced Drama students will attend and participate in theater festivals/competitions, workshops with Industry Professionals, Disney Performing Arts Workshops, and attend live theatrical performances. Students are required to attend one live production each semester and complete a production review.¹⁰⁵⁶

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

THEATER IB SL

GRADE 12

10 CREDITS

YEAR

This class covers basic theatre skills and vocabulary. The focus of the class is on theatrical techniques in acting, oral interpretation, and movement through exploration of world theatrical traditions. Students study and apply theatrical traditions and methods from around the world. Second semester extends basic principles to application in a design or performance project based on some theatrical tradition. Students will begin learning about dramaturgy, direction, and design. Students are encouraged to attend 4 theatrical performances including 2 from non-western theatrical traditions and participate in several field trips during the school year including overnight trips. Enrollees are expected to engage in rehearsal, research, and projects outside of regular school hours, including evenings and weekends.¹⁴³⁵

(Fine/Applied Arts) (UC/CSU* "F" Elective)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

THEATER ARTS IB HL1
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: None

This class covers basic theatre skills and vocabulary. The focus of the class is on theatrical techniques in acting, oral interpretation, and movement through exploration of world theatrical traditions. Students study and apply theatrical traditions and methods from around the world. Second semester extends basic principles to application in a design or performance project based on some theatrical tradition. Students will begin learning about dramaturgy, direction, and design. They are encouraged to attend 4 theatrical performances including 2 from non-western theatrical traditions and participate in several field trips during the school year including overnight trips. Enrollees are expected to engage in rehearsal, research, and project participation outside of regular school hours, including evenings and weekends. ¹⁰¹⁹
(Fine/Applied Arts) (UC/CSU* "F" Elective)

STAGECRAFT (*Note: this is the same course offered under the "CAREER EDUCATION ELECTIVES section")
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: None

This course will train students in the use and management of the various elements of technical production during a dance, music, or theatrical performance. These elements include the rigging and movement of sets, scenery, and lighting equipment, the use of computerized switching systems for lighting and sound, the management and distribution of stage properties, etc. Students will also be taught to manage the complex support tasks that are involved in a performance. They will explore apprenticeship, higher education options, career training, and professional placement. Students will learn specialized vocabulary; explore set, lighting, and costume design; and reflect on design elements found in school and outside productions with design analysis and critiques. They will explore mood, the effect of color, and perspective. Problem solving, leadership, team building, and working well under pressure are stressed. The course includes practical, critical, and cultural content and will place an emphasis on creative expression, aesthetic valuing and the practical realization of various aspects of design. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹²⁹⁴
Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective)

ADVANCED STAGECRAFT (*Note: this is the same course offered under the "CAREER EDUCATION ELECTIVES. section")
GRADES 11 - 12
10 CREDITS **YEAR**
PREREQUISITE: Stagecraft

This course will build on foundation skills in Stage Technology and Production to include design in a variety of theatrical productions. Students will use analytical skills to interpret literary material to create a design concept. Students will be familiar with design elements, drafting techniques, computer software, and modeling skills necessary to prepare designs and models of theatrical sets. They will be trained to interpret mechanical drawings to safely use appropriate power equipment to construct sets based on the artist's designs. They will also become familiar with the diverse array of production materials and techniques used to augment live theatrical productions. Advanced Stagecraft is a year-long elective course that builds upon the skill set and knowledge acquired in Stagecraft. Advanced Stagecraft will continue to train students in the use and management of the various elements of technical production during a dance, music, or theatrical performance. Students will be trained to think critically, solve problems, and work together on teams and be assigned specific tasks to complete with deadlines. Students will expand their knowledge of theater vocabulary; design set, lighting, and costume design; and reflect on design elements found in school and outside productions with design analysis and critiques. The Advanced Stagecraft curriculum includes practical, critical, and cultural content and will place an emphasis on creative expression, aesthetic valuing and the practical realization of various aspects of design. Hands-on training and Work Based Learning Opportunities will help students gain the necessary skills, knowledge, and abilities necessary to perform the many tasks involved in theatrical productions. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills. ¹⁴⁵²
Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ENGLISH

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**ENGLISH I
GRADE 9
10 CREDITS**

YEAR

This contents-based course emphasizes both reading and writing and exposes students to significant literary works and genres. It also emphasizes the integration of listening, speaking, reading and writing skills through the study of short stories, poetry, drama, non-fiction, and novels. Active participation is integral to this course as it allows students to create and present projects based on the literature studied. Students will increase their vocabulary and improve writing skills through direct instruction. Sheltered classes are taught by teachers specifically certified to teach Specially Designed Academic Instruction in English to second-language students.¹⁶⁰³
(UC/CSU/NCAA)

**ENGLISH I HONORS
GRADE 9**

10 CREDITS

YEAR

PREREQUISITE: "A" in 8th Grade English Language Arts or "B" or higher in 8th Grade English Language Arts Honors.

This contents-based course provides students with an opportunity to read and study a wide range of literature at a challenging level. During the year, students will read and analyze a variety of genres, including: short stories, poetry, fiction, non-fiction, drama, epic, grammar, writing and vocabulary development. The course emphasizes analytical writing and reading, discussion, presentation skills and advanced vocabulary skills. ¹⁶²¹
(UC/CSU/NCAA)

**ENGLISH II
GRADE 10
10 CREDITS**

YEAR

This contents-based course is literature-based and emphasizes both reading and writing. Students are exposed to significant literary works. Students will continue to develop listening, speaking, reading and writing skills through the study of short stories, poetry, drama, non-fiction, and novels. Active participation is integral to this course. Sheltered classes are taught by teachers specifically certified to teach Specially Designed Academic Instruction in English to second-language students. ¹⁶¹¹
(UC/CSU/NCAA)

**ENGLISH II HONORS
GRADE 10**

10 CREDITS

YEAR

PREREQUISITE: "A" in English I or grade of "B" or higher in English I Honors.

This contents-based course combines skills in writing, language, and literature. Students will learn to organize and develop a variety of essay types, and also study the major forms of literature focusing on British literature. Emphasis is placed on active-participation; students will integrate the skills of reading, writing, listening, speaking and thinking through group and individual participation. Summer reading and responses required. ¹⁶¹⁶
(UC/CSU/NCAA)

**ENGLISH III
GRADE 11
10 CREDITS**

YEAR

This contents-based class is literature-based and continues the emphasis on reading and writing. Students read and analyze significant American literary works, as well as further develop their grammar, writing and vocabulary skills. Sheltered classes are taught by teachers specifically certified to teach Specially Designed Academic Instruction in English to second-language students.¹⁶¹⁸
(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ENGLISH III HONORS

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: "A" in English II or grade of "B" or higher in English II Honors

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This course is the first year in a two-year program designed to satisfy the requirements of International Baccalaureate (Language A1, HL) and/or to prepare students to take the Advanced Placement Examination in Literature at the end of their senior year. The entire two-year sequence focuses on the exploration of the human condition and upon various responses to the human dilemma. This college preparatory course will combine a thematic study of American Literature with viewpoints and philosophies found in major works from other cultures (including Asia and Africa). Students will be exposed to college level literature that may contain mature themes. This is a rigorous course requiring many hours of study. ¹⁶²⁰
(UC/CSU*/NCAA)

ENGLISH IB HL1

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: "A" in English II or grade of "B" or higher in English II Honors

The English IB HL1 course aims at exploring the various manifestations of literature as a particularly powerful mode of writing across cultures and throughout history. The course aims at developing an understanding of factors that contribute to the production and reception of literature – the creativity of writers and readers, the nature of their interactions with their respective contexts and with literary tradition, the ways in which language can give rise to meaning and/or effect, and the performative and transformative potential of literary creation and response. Through close analysis of a range of literary texts in a number of literary forms and from different times and places, students will consider their own interpretations as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. The HL1 course prepares students to complete the assessments required by IB, the essay and learner portfolio.¹⁶¹⁷
(UC/CSU*/NCAA)

ENGLISH LANGUAGE & COMPOSITION AP

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: Completion of English II with a grade of "A" or English II Honors with a grade "B" or higher.

Advanced Placement English Language and Composition (previously known as Rhetoric) is the equivalent of a first-year college composition course that prepares students to write effectively and confidently in their college courses by developing skills in close reading, critical thinking and rhetorical techniques. This course emphasizes expository, analytical and argumentative writing forms based on a variety of non-fiction texts including autobiographies, essayists, historical writers, diarists and political writers that span a variety of time periods and cultures. Extensive summer reading and writing are required. Students will be exposed to college level literature that may contain mature themes. This college-level course prepares students to take the Advanced Placement Language & Composition test and possibly earn college credit. ¹⁶¹⁵
(UC/CSU*/NCAA)

ENGLISH IV EXPOSITORY READING & WRITING COURSE

GRADE 12

10 CREDITS

YEAR

This English course will focus on expository reading and writing in addition to critical thinking through the study of current, relevant, and thought-provoking issues. The course is aligned with California English Language Arts standards and addresses the skills needed to excel in college English: critical reading in addition to expository, analytical, and argumentative writing. This course is open to all students but may be particularly useful for those seniors who did not achieve "college readiness" status in the English EAP portion of their CAASP - previously known as the STAR report. ¹⁶²⁵
(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ENGLISH IV HONORS

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Completion of English III Honors with a grade of “C” or higher, OR 2) “C” or higher in AP Language & Composition, OR 3) completion of English III with an “A” or higher, second semester.

The English IV Honors curriculum centers on the study of classical; contemporary; and non-fiction literature. Students will incorporate common core curriculum by focusing on the essential questions throughout the year that fuel literary expression throughout thematically based units. In addition to close reading of the texts, students will work cohesively to develop understanding of the mechanics of literary effects that continue to have a powerful effect on the way we think. Students will work to develop clear, authoritative voices that develop analyses and arguments from carefully developed reasons and well supported assertions. Connections to other disciplines, life experiences and world events will also be used to help students connect to literary content. College and workplace readiness is a focal point of the class. ¹⁶⁴³
(UC/CSU*/NCAA)

ENGLISH IV LITERATURE & COMPOSITION AP

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Completion of English III Honors with a grade of “B” or higher OR 2) “B” or higher in AP Language & Composition OR 3) a score of “3” or higher on the AP Language & Composition Test.

Advanced Placement Literature is the equivalent of a first-year college literature course which will help students discover meaning in literature by enabling them to be attentive to language and the various techniques authors use to evoke emotional and intellectual responses from readers. Through extensive work in literary analysis of major writers, the course will prepare students to interpret, analyze and discuss (in writing) a variety of poetry, novels, plays, short stories and essays. This college-level course prepares students to take the Advanced Placement English Literature and Composition test and possibly to earn college credit. Extensive summer readings and responses are required. Students will be exposed to college level literature that may contain mature themes. ¹⁶²³
(UC/CSU*/NCAA)

SYF

ENGLISH IB HL2

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Completion of English III Honors with a grade of “B” or higher OR 2) “B” or higher in AP Language & Composition OR 3) a score of “3” or higher on the AP Language & Composition Test.

The English IB HL2 course aims at exploring the various manifestations of literature as a particularly powerful mode of writing across cultures and throughout history. The course aims at developing an understanding of factors that contribute to the production and reception of literatures – the creativity of writers and readers, the nature of their interaction with their respective contexts and with literary tradition, the ways in which language can give rise to meaning and/or effect, and the performative and transformative potential of literary creation and response. Through close analysis of a range of literary texts in a number of literary forms and from different times and places, students will consider their own interpretations as well as the critical perspectives of others, to explore how such positions are shaped by cultural belief systems and to negotiate meanings for texts. The HL2 course prepares students to complete the assessments required by IB, the oral examination, the comparative and literary analysis essays, and the learner portfolio. ¹⁶¹³
(UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

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ENGLISH LANGUAGE DEVELOPMENT (ELD) (Level I)

GRADES 9-12

10 CREDITS

YEAR

PREREQUISITE: Placement by ELD Instructor

This level I class will prepare students to use listening speaking, reading & writing skills necessary to communicate in English. The focus of this level will be the development of listening & speaking skills.¹⁶⁵³

Repeatable for credit.

ENGLISH LANGUAGE DEVELOPMENT (ELD) (Level II)

GRADES 9-12

10 CREDITS

YEAR

PREREQUISITE: Placement by ELD Instructor

This level II class will continue developing students' communications skills while concentrating on comprehension, discussion, evaluation, and composition.¹⁶⁵⁵

Repeatable for credit.

ENGLISH LANGUAGE DEVELOPMENT (ELD) (Level III)

GRADES 9-12

10 CREDITS

YEAR

PREREQUISITE: Placement by ELD Instructor

This final course in the English Language Development Program is the last step in preparing students for a full core-content area schedule. Students continue to approach fluency in receptive and expressive use of English in academic settings. Listening and oral skills are further refined and reading and writing skills are further developed by including the reading and analysis of selected ninth, tenth, and eleventh grade core literature and by the writing of multi-paragraph essays. Among other tasks, students react and respond to literature and identify various literary elements and techniques as well as authors' purposes.¹⁶⁵⁶

Repeatable for credit. (UC/CSU)

SYF

JOURNALISM I

GRADES 9-11

10 CREDITS

YEAR

PREREQUISITE: Grade of "A" in previous English class or a "B" or higher in English Honors class.

This course is an introduction to journalistic writing and other skills required to be part of the staff of The Bull's Eye, the school newspaper. Students will learn about the history of journalism, the art of interviewing, writing news, features, sports and reviews and become familiar with photojournalism and newspaper design. The class offers students the opportunity to write for the Bull's Eye and apply for positions for next year's staff.¹⁶⁶⁶
(Applied Arts) (UC/CSU "G" Elective)

JOURNALISM II

GRADES 10-12

10 CREDITS

YEAR

PREREQUISITE: Teacher permission through application and Journalism I experience

This course is for students who have been selected for the staff of the student newspaper, The Bull's Eye, after completing Journalism 1. The students in this class assign, write and edit stories; design pages and graphics; and take photos, all for the monthly newspaper and its website. Students participate in all aspects of the operation of the paper: selling ads, fundraising, supervising other writers and editors and working with printers.¹⁶⁶⁷

Repeatable for credit. (Applied Arts) (UC/CSU "G" Elective)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

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YEARBOOK
GRADES 10-12
10 CREDITS

YEAR

PREREQUISITE: Permission from instructor and grade of B or higher in previous English class

This course has the responsibility of publishing and financing the school yearbook. Students learn on-the-job skills in layout, graphics, technology software, design, desktop publishing, photography, writing, organization and leadership. Students who are interested in the challenge of meeting deadlines in the exciting world of publishing are encouraged to apply for a staff position. Photographers and writers must submit samples of their work. ¹⁶⁶⁸

Repeatable for credit. (Applied Arts)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

MATHEMATICS

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INTRO TO ALGEBRA GRADES 9 - 12

10 CREDITS YEAR

PREREQUISITE: None

Introduction to Algebra is a one-year course that helps a student prepare for the full year Algebra 1 course. Students study number sense, solving basic linear equations and inequalities, performing operations with polynomials, factoring quadratics, and graphing lines. The course also provides support and remediation in math topics that have not been mastered in prior math courses.¹²⁵⁷ (Math)

FINANCIAL ALGEBRA

GRADES 11-12

10 CREDITS YEAR

PREREQUISITE: Intro to Algebra (This class is designed for students who have not successfully completed Algebra I or Geometry.)

A hands-on career and life skills-oriented math class that incorporates the content of Algebra I with applications in percents, interest calculations, and financial planning. This course fulfills the Algebra 1 graduation requirement.¹²⁷⁷ (Applied Arts) (Math)

ALGEBRA STUDY SKILLS

GRADES 9 - 12

10 CREDITS YEAR

This course is a year-long elective course only to be taken in conjunction with Algebra I enrollment. This course is only for those who, based on a lower grade in Common Core Math 8 or parent/teacher recommendation, could benefit from an additional hour each day to explore the daily Algebra lesson, as well as enhanced homework completion and study skills strategies.¹²⁵⁶

Repeatable for credits. (Elective credit only)

ALGEBRA I

GRADES 9-12

10 CREDITS YEAR

PREREQUISITE: "C" or higher in Common Core Math 8, or "C" or higher in Intro to Algebra. If "D" or "F" in Intro to Algebra must take Algebra Study Skills concurrently with Algebra I

In this class the student will receive a foundation in fundamental operations with real numbers. The student will study topics including solutions of equations and inequalities, graphing linear functions, working with functional notation, operations with polynomials, discrete math, and verbal problem solving. ^{0310V, 1221} (UC/CSU/NCAA)

GEOMETRY

GRADES 9 - 12

10 CREDITS YEAR

PREREQUISITE: "C" or higher in Algebra I or placement based on exit criteria in middle school

This course focuses on Euclidean geometry, logic, and some basic trigonometry. Topics that will be covered include the language of geometry (points, lines, planes and angles), reasoning and proofs (paragraph, two column, flow, indirect, and coordinate), parallel and perpendicular lines, congruent triangles, applications of congruent triangles, quadrilaterals, similarity, right triangles and trigonometry, circles, polygons and area, surface area and volume, coordinate geometry, and transformations. ^{0311V, 1222}(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ALGEBRA II
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: “C” or higher in Geometry

This course represents a deeper investigation and extension of the topics of Algebra I and Geometry. Topics that will be covered include analysis of a variety of advanced functions: linear, quadratic, polynomial, radical, logarithmic, exponential, rational, and some special functions. In addition, this course covers units on linear and non-linear systems, probability, statistics, basic sequences and series, and conic sections (parabolas, circles with center at origin). Topics in Trigonometry include right triangle trigonometry; trigonometry on a circle; radian measure; graphing trigonometric functions; solving right triangles; sum, difference.
 (UC/CSU/NCAA) ^{0312V, 1225}

ALGEBRA II/TRIGONOMETRY HONORS
GRADES 9 – 10

10 CREDITS **YEAR**
PREREQUISITE: Grade of “A” in both semesters of Algebra I and “A” in both semesters of Geometry.

This course is an extremely fast-paced course that provides a rigorous foundation in the concepts of Algebra II and Trigonometry. Topics include analysis of a variety of advanced functions: linear, quadratic, polynomial, radical, logarithmic, exponential, rational, and some special functions. In addition, this course covers units on linear and non-linear systems, probability, statistics, basic sequences and series, matrices, and conic sections. Topics in Trigonometry include right triangle trigonometry; trigonometry on a circle; radian measure; graphing trigonometric functions; solving triangles; inverse trigonometric functions; sum, difference, double, and half-angle formulas; trigonometric identities and equations; vectors; polar equations; and the complex number system, including DeMoivre’s theorem. This course covers three semesters of high school mathematics in one year. Successful students in this course are students who enjoy the challenge of mathematics and have easily found success in the past, and are able to spend extra time on mathematics. ¹²¹⁵

Because this class is more rigorous than a regularly paced math class, students without “A’s” in Algebra or Geometry are encouraged to take Algebra II.
 (UC/CSU/NCAA)



STATISTICAL REASONING IN SPORTS
GRADES 11 – 12

10 CREDITS **YEAR**
PREREQUISITE: “C” or higher in Algebra II

Statistical Reasoning in Sports is a Statistics course with a sports emphasis. This course will cover the basic concepts of probability and statistics, such as measures of central tendency, variation and positions with a sports emphasis. The normal distribution will be covered along with the central limit theorem. There will be a focus on inferential statistics, such as confidence intervals, hypothesis testing and linear regressions. Students will perform simulations, analyze data and use simple randomization processes to develop an understanding of statistics. ¹³⁸¹
 (UC/CSU/NCAA)

ADVANCED SURVEY OF MATH-(formerly Trigonometry/Summative Math)
GRADES 10-12

10 CREDITS **YEAR**
PREREQUISITE: “C” or higher in Algebra II

This is an interesting survey of advanced math topics. The course will include analysis of a variety of functions including linear, polynomial, rational, trigonometric, exponential, and logarithmic. The course will also survey topics in probability and statistics including distributions and analysis of data as well as real word applications. ¹²⁹⁵
 (UC/CSU)

Asterisk (*): Qualifies for extra grade point UC/CSU NCAA: Qualifies for NCAA Eligibility Center for student athletes.

PRECALCULUS AP (formerly *Trigonometry/Math Analysis*)

GRADES 9-12

10 CREDITS

YEAR

PREREQUISITE: “C” or higher in both semesters of Algebra II or Teacher Recommendation

AP Precalculus is designed to be the equivalent of a first semester college precalculus course. AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores a variety of function types and their applications—polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, vector-valued, implicitly defined, and linear transformation functions using matrices. These students will build deep mastery of modeling and functions, and they examine scenarios through multiple representations. A satisfactory score on the test may result in university or college credit in mathematics.¹²⁷³
(UC/CSU*)

MATHEMATICAL ANALYSIS/CALCULUS HONORS

GRADES 10-12

10 CREDITS

YEAR

PREREQUISITE: Grade of “B” or higher in both semesters of Algebra II/Trigonometry Honors

This course covers portions of trigonometry and math analysis, then segues into the curriculum of AP Calculus AB. It is 1.5 years of math in one school year. The course culminates with students taking the AP Calculus AB exam. A satisfactory score on the test may result in university or college credit in mathematics.¹²⁰¹
(UC/CSU*/NCAA)

CALCULUS I (AB) AP

GRADES 10-12

10 CREDITS

YEAR

PREREQUISITE: “C” or higher in Trigonometry/Math Analysis OR AP Precalculus or teacher recommendation.

A rigorous course of calculus and analytic geometry equivalent to one semester of college calculus. The course is designed to prepare the student to pass the Advanced Placement Calculus AP examination. A satisfactory score on the test may result in university or college credit in mathematics.¹²²⁹
(UC/CSU*/NCAA)

CALCULUS II (BC) AP (MATH ANALYSIS AND APPROACHES IB HL1) (formerly “Calculus II (BC) AP (Math IB HL1)”) SYF

GRADE 11 - 12

10 CREDITS

YEAR

PREREQUISITE: “C” or higher in Calculus I AP, or grade of “C” or higher in Mathematical Analysis/Calculus Honors or teacher recommendation.

A rigorous course of calculus to follow the first year of Advanced Placement Calculus. This course is designed to prepare the student to pass the Advanced Placement Calculus BC examination. It will cover a small review of Calculus AB topics as well as infinite sequences and series, advanced integration techniques and applications, differential equations, polar functions, and vector analysis. A satisfactory score on this test may result in university or college credit in mathematics.¹²³¹
(UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

STATISTICS AP (Advanced Placement)

GRADES 11 - 12

10 CREDITS YEAR

PREREQUISITE: “B” or higher in Algebra II or “C” or higher in Algebra II/Trigonometry Honors 2nd semester or a grade of “B” or higher in Trigonometry/Summative Math OR Advanced Survey of Math.

This course is equivalent to an introductory non-calculus based, college-level course typically taught in one semester. The course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploratory analysis of data, planning a study, anticipating patterns, and statistical inference. The course is designed to prepare the student to pass the AP Statistics Exam given by the College Board. A satisfactory score may result in university credit. A graphing calculator with statistics capabilities is required. ¹²⁴³
(UC/CSU*/NCAA)

MATH APPLICATIONS AND INTERPRETATION IB SL

GRADE 11 – 12

10 CREDITS YEAR

PREREQUISITE: “C” or higher in Trigonometry/Math Analysis OR AP Precalculus

The content of the course is an alternative look at topics from Algebra II, Trigonometry, Math Analysis, Calculus, Probability and Statistics. May be taken concurrently with AP Calculus AB, AP Calculus BC, Statistical Reasoning in Sports, or AP Statistics.¹³⁷⁶
(UC/CSU*/NCAA)

MATH ANALYSIS AND APPROACHES IB HL2

GRADE 12

10 CREDITS YEAR

PREREQUISITE: “B” or higher in IB Higher Level Math 1 or Calculus 2 (BC) AP

This is an honors course for students who have taken IB Higher Level Math 1 or AP Calculus 2 (BC) with a good background in mathematics who are competent in a range of analytical and technical skills. It is the second year of a two-year course to prepare students for the optional IB Math HL exam. In this course, as in all mathematics courses, there are clear differences in notation and emphasis that appear across various cultures, and the placement of discoveries in mathematics within certain cultures or periods of history is nontrivial. The content of the course includes higher levels of algebra, functions, trigonometry, matrices, 3D vectors, statistics and probability, calculus, infinite series, and differential equations. Mathematics is a unifying subject that places students within a global society. This course is designed with this idea in mind. ¹³⁷⁸
(UC/CSU*/NCAA)

THEORY OF KNOWLEDGE

GRADE 11 - 12

10 CREDITS YEAR

PREREQUISITES: Students must be juniors in good standing in the International Baccalaureate Diploma Program to begin the course in the Spring Semester.

This is a calendar year course. The Theory of Knowledge course is offered to senior students in the International Baccalaureate Diploma Program. With an interdisciplinary approach, the Theory of Knowledge will challenge the students to address the question, "How do I, or how do we, know that a given assertion is true or a given judgment is well-grounded." Throughout the course the students will focus on the way in which cultural paradigms hinder and/or assist in the quest for the truth. The format of the course is based on inquiry and discussion. Participation of students in all classroom activities is vital for their success in this course. Students will be required to contribute as individuals and as part of cooperative groups. ¹²⁰⁷
(UC/CSU* “G” Elective/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

MUSIC

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MARCHING BAND (P.E.) (*Note: this is the same course offered under the “P.E. section”)
GRADES 9 - 12
5 CREDITS **FALL SEMESTER ONLY**
PREREQUISITE: Must have previous band experience on a band instrument

This class emphasizes marching band and includes techniques of both parade and field marching. Performances occur outside of the regular school day in the evening, on weekends, and holidays. Marching band may be taken in lieu of P.E. This course fulfills the IB Music prerequisite.¹⁰⁹⁰
Repeatable for credit. (Fine/Applied Arts) (P.E.)

CONCERT BAND
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: Must have previous band experience on a band instrument

This course is intended to give the student a balanced program of music representing a variety of styles and cultures. This class is intended for freshmen students but is open to all grade levels. Performances occur outside of the regular school day in the evenings, on weekends and holidays. This course fulfills the IB Music prerequisite.¹⁰⁸²
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective VPA)

CONCERT ORCHESTRA
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: Consent of instructor

This course is designed for the intermediate string, wind and percussion student who has moderate experience on traditional orchestral instruments. The class will focus on large and small ensembles. Performance and rehearsal music will be selected from the standard orchestral and string ensemble repertoire. Emphasis will be placed on a comprehensive understanding of proper performance practice, an understanding of the historical context of the music, analysis of form and harmony, and the ability to evaluate both the quality of performance, and the long term value of the music. Performances occur both within the school day, and outside of the regular school day in various settings.¹⁴³⁹
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective VPA)

SYMPHONIC BAND
GRADES 9 - 12
10 CREDITS **YEAR**
PREREQUISITE: Must have previous band experience on a band instrument.

This course is intended to give the student a balanced program of music representing a variety of styles and cultures. This class is intended for the intermediate high school player. Performances occur outside of the regular school day in the evenings, on weekends, and holidays. This course fulfills the IB Music prerequisite.¹¹⁴²
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective VPA)

WIND ENSEMBLE
GRADES 10 - 12
10 CREDITS **YEAR**
PREREQUISITE: Enrollment by audition and consent of Instructor.

This course is for the advanced music student. Open by audition only, select students will also provide the wind section to the symphonic orchestra, the spring musical, and participate in chamber ensembles. Performances occur outside of the regular school day in the evenings, on weekends and holidays. This course fulfills the IB Music prerequisite.¹⁰⁷⁹
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “F” Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

STRING ORCHESTRA

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Prior string instrument experience

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This course is designed for students who have experience on traditional string orchestra instruments (violin, viola, cello, bass). Based on enrollment, the class will focus on large and small string ensembles. Music will be selected from current orchestral and string ensemble literature. Performances occur outside of the regular school day in the evenings, on weekends, and holidays. This course fulfills the IB Music prerequisite. ¹⁰⁸⁹

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

SYMPHONY ORCHESTRA

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Enrollment by audition and consent of Instructor.

This course is designed for advanced students who have experience on traditional string orchestra instruments (violin, viola, cello, bass). Music will be selected from current and traditional orchestral literatures. Open by audition only, select students will also perform in the spring musical and participate in chamber ensembles. Performances occur outside of the regular school day in the evenings, on weekends, and holidays. This course fulfills the IB Music prerequisite. ¹¹⁴¹

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

ADVANCED MUSICIANSHIP

GRADES 9-12

10 CREDITS

YEAR

Prerequisite: Consent of instructor, and a minimum of three years' experience on a standard symphonic orchestra wind, percussion or string instrument, as well as piano. Pre auditions will be required.

This course is designed for the advanced string, wind and percussion student who has extensive experience on traditional orchestral instruments. The class will focus on the academic side of music. Performance and study music will be selected from the standard chamber repertoire. Emphasis will be placed on a comprehensive understanding of music theory, form and analysis, history, aural skills, and authentic performance practice. ²¹⁸³

Repeatable for Credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

MUSIC THEORY AP

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Previous music performance experience and ability to read music.

This AP course is designed for the advanced music student to be introduced to theory, musical materials, and procedures integrating all aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and, to some extent, history and style. Musicianship skills such as dictation and other listening skills and sight-singing are included. ¹⁰⁹¹

(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

MUSIC IB SL

GRADES 11 – 12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of two years of high school music ensemble experience and/or instructor approval. ¹²⁷⁶

(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

MUSIC IB HL1

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: Successful completion of two years of high school music ensemble experience and/or instructor approval.

¹¹⁹⁰(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

MUSIC IB HL2

GRADES 12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of two years of high school music ensemble experience and/or instructor approval.

Students involved in the IB Music sequence of classes will experience the breadth and variety of music in our world. Through in-depth analysis of representative works, the study of genres and styles found around the world, and concentrated effort in solo performance, group performance, or composition, students will gain an educated insight into music and enhance their personal skills as musicians. ¹¹⁹¹

(Fine/Applied Arts) (UC/CSU* "F" Elective VPA)

COLOR GUARD

(*Note: this is the same course offered under the "P.E. section")

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Minimum 2.0 GPA. Tryout/Audition after mandatory week-long clinic

A class for students interested in the marching band using rifles, sabres or tall flags. Emphasis will be placed on choreography and marching skills associated with field shows and parades throughout the fall, and competitions for Color Guard in the spring. Attendance is expected at all rehearsals and performances which begin in August and occur outside of normal school hours; in the evenings, on weekends, holidays and vacations. Color Guard may be taken for P.E. credit. ¹⁰⁸⁴

Repeatable for credit. (Applied Arts) (P.E.)

SYF

CHAMBER SINGERS

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Audition or Director's Approval

"Chamber Singers" is an advanced choral ensemble that sings a variety of a cappella and accompanied traditional music throughout the year. They also participate in adjudicated choral festivals. Knowledge of music theory and voice training are important assets for this course but not mandatory. The Chamber Singers is open to all students by audition only or Director's approval. Members are expected to attend scheduled performances and occasional after school rehearsals. This course fulfills the IB Music prerequisite. ¹⁰³²

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

CONCERT CHOIR (DIAMONDTONES)

GRADES 9 - 12

10 CREDITS

YEAR

"Concert Choir" is open to anyone on campus who enjoys singing in a group. This ensemble sings traditional choral literature in the fall and becomes a novice competing show choir in the spring. No dance audition is necessary. Repertoire will include a wide variety of music from the 1600s through contemporary choral literature. Repertoire includes a wide variety of music from various music eras including madrigals, classical, pop and show choir literature. All members are expected to attend scheduled performances and weekly after school rehearsals. This course fulfills the IB Music prerequisite. ¹⁴²⁶

Repeatable for credit. (Fine/Applied Arts) (CSU/UC "F" Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SOLITAIRE

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Director's approval

"Solitaire" is an intermediate treble ensemble that sings traditional choral literature in the fall and becomes an advanced competing show choir in the spring. This course is open to all soprano & alto singers who complete a singing and dancing audition and have the desire and experience to explore music from all eras including madrigals, classical, pop and show choir literature. Repertoire will also include music in other languages and ethnicities. Choral experience is necessary. Knowledge of music theory and voice training are important assets for this course but not mandatory. All members are expected to attend weekly choreography rehearsals and all scheduled performances. This course fulfills the IB Music prerequisite. ¹⁰²⁹

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

MARQUIS

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Director's approval

"Marquis" is an advanced choir that sings traditional choral literature in the fall and becomes an advanced competing show choir in the spring. This course is open to all students who complete a singing and dancing audition and have the desire and experience to explore music from all eras of music including madrigals, classical, pop and show choir literature. Repertoire will also include music in other languages and ethnicities. Choral experience is necessary. Knowledge of music theory and voice training are important assets for this course but not mandatory. All members are expected to attend weekly choreography rehearsals and all scheduled performances. This course fulfills the IB Music prerequisite. ¹⁰³¹

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

BASS CHOIR

GRADES 9 - 12

10 CREDITS

YEAR

Bass Choir is a partially auditioned vocal ensemble composed of singers of the lower range of voices (tenor and bass). Singers in this course will learn the fundamentals of singing in a choir, proper vocal technique and health, music theory, music history, music literacy, and performance through the study of a wide variety of choral music written for lower voices. Emphasis is placed on the practice of vocal technique as it applies to the changing voice. ¹⁴³⁰

(UC/CSU "F" Elective VPA)

COMMERCIAL MUSIC - ENTERTAINMENT ACADEMY

GRADES 9 - 12

10 CREDITS

YEAR

Commercial Music Program is designed for students who want to learn the craft of the professional musicians. Emphasis is placed on vocal and/or instrumental performance and techniques, Songwriting through observation of learned material, stage performance, live sound set up and use of equipment, songwriting and basic recording techniques. Students will learn and utilize these skills through 3 projects during the school year. This course shall introduce students to the following skills: Read and perform charts for rock, pop, R&B and Jazz music; Music Theory as it relates to popular and commercial music, Technical proficiency in performing and reading charts for chosen instrument/secondary instrument/drums, Write chord charts for multiple instruments, Organize and lead band for performance and recording purposes, Use of live sound equipment for stage performances, Write and record original music, Advertising and marketing through the use of on campus means and social media. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills. ¹⁴⁴⁷

Repeatable for credit. (Fine/Applied Arts) (UC/CSU "F" Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ADVANCED ENTERTAINMENT ACADEMY: Music Makes Your Life
GRADES 10 -12
10 CREDITS **YEAR**
PREREQUISITE: Commercial Music – Entertainment Academy

This is a two-semester course that serves as the 2nd year course in the Commercial Music Program pathway sequence of courses. Music Makes Your Life presents music as a business and is designed for students who want to learn about the different facets of the music industry and the skills needed to pursue viable careers. Emphasis will be placed on learning the history and function of music and music publishing, artist royalties, contracts, music law, copyright laws, music distribution, music promotion and the use of social media, tour management and marketing campaigns. Students will learn to interpret and define different recording contracts and the benefits/disadvantages for the artists. Students will learn how music royalties work and how royalties are divided. Students will organize a marketing campaign and utilize social and other media. Students will analyze the effectiveness of their campaign by surveying their student body and compiling their findings into a report. Students will form a public relations and event planning group that will create an event to demonstrate their knowledge and skills learned throughout the course of the class. This course is part of a CTE sequence of courses, supporting the development of College and Career readiness skills.¹⁴⁵¹
Repeatable for credit. (Fine/Applied Arts) (UC/CSU “G” Elective VPA)

AUDIO ENGINEERING & RECORDING ARTS *(*Note: this is the same course offered under the “CAREER EDUCATION ELECTIVES section”)*
GRADES 10 – 12
10 CREDITS **YEAR**
PREREQUISITE: None

In this course, students will build a solid foundation in audio recording. They will learn about the stages of production, acoustics, signal flow, and the operation of Digital Audio Workstations (DAWs). Additionally, students will delve into fundamental mixing concepts such as volume, panning, equalization, dynamics control, and time-based effects. The basics of recording, including digital vs analog technologies, recording equipment, gain staging, and multitrack recording techniques, will be covered. Students will also explore recording techniques for various instruments and vocals, along with an introduction to touring technology and critical listening skills.¹⁴⁴⁰

NOTE: Some course projects / labs will require students to complete components in the audio recording lab beyond the regular school day. The instructor will provide options to support students in completing such projects.
(Fine/Applied Arts) (UC/CSU “F”)

MUSIC APPRECIATION
GRADES 9 - 12
10 CREDITS **YEAR**

Music Appreciation is a course designed to teach students all elements and aspects of music, including pitch, form, tonality, rhythm, melody, harmony, and texture. Students will be exposed to, and study music from both an historical and cultural perspective, from music's origins to modern day. By the end of the course, students will become intelligent consumers of music, able to intelligently analyze, discuss and write about music, from both an intellectual and enjoyment standpoint, utilizing appropriate terminology. **Note that this course is only offered during Summer School.**¹⁰²⁸
Repeatable for credit. (UC/CSU “F” Elective VPA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

PATHWAYS COMMUNICATIONS ACADEMY

At each grade level, students will take a combination of required and elective courses, based on individual needs. All English, Social Sciences and lower level sciences will be taken in the Academy. Also required will be special communication/career courses at each grade level. Foreign language, math and PE will be taken outside of the Academy structure. Courses with an asterisk can be taken during any year.

SOPHOMORE YEAR - GRADE 10

Get Reel: English through Your Lens
Psychology for Personal Growth
Natural Science
Digital Video Production
*Academy Leadership

JUNIOR YEAR - GRADE 11

Depth of Field: Exploring Identity through Literature and Video Production
Modern American History
Intermediate Digital Media Production
Service Learning Leadership

SENIOR YEAR - GRADE 12

Expository Reading and Writing (English IV)
American Government and Economics
Senior Seminar
Academy Leadership

The Academy is a California Partnership Program and is partnered with the school district, businesses, colleges and universities. The program requires students to explore future careers while completing their academy requirements. Students will be required to complete communication skills classes, mentoring, job shadowing and an internship. Students will also be required to complete 15 hours of Service Learning each year.

PATHWAYS COMMUNICATIONS ACADEMY ELECTIVES

****The following classes are only available to students enrolled in the Pathways Communications Academy.**

PSYCHOLOGY FOR PERSONAL GROWTH

GRADES 10-12

10 CREDITS **Year**

PREREQUISITE: Must be enrolled in Pathways Communications Academy

This is an introductory course to the field of Positive Psychology. Positive Psychology is the scientific study of human happiness, well-being, and strength of character. The following topics will be covered: defining and measuring happiness; interpreting beliefs; developing healthy self-esteem; mindfulness, focus, and appreciation; learned optimism; intrinsic versus extrinsic motivation; resilience and post-traumatic growth; perfectionism; creativity; setting goals and forming positive habits; and social support structures and healthy relationships. Students will engage in detailed analysis of these concepts and gain an understanding of the research behind them.²⁴⁰²

(UC/CSU "G" Elective /NCAA)

ACADEMY LEADERSHIP

GRADES 10 – 12

10 CREDITS **YEAR**

The students who enroll in the Academy's Leadership class become its student council and representatives responsible for extending the academy experience beyond the classroom walls. Students are responsible for planning and implementing Academy extra-curricular activities. Students also conduct student-council meetings using parliamentary procedure, manage Leadership finances, conduct fundraisers, and participate in service-learning.¹⁵⁶²

Repeatable for credit. (Applied Arts)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SERVICE LEARNING LEADERSHIP

GRADE: 11

10 CREDITS

YEAR

PREREQUISITE: Must be enrolled in the Pathways Communications Academy

Service Learning Leadership is a course that empowers students to hone their leadership, project management, philanthropic, critical thinking, communication, and community building skills. Students combine high-level critical thinking, reading, writing and analytical skills in order to create and implement service-based and entrepreneurial projects. Students participate in a ten-week, cross-age tutoring program where they tutor/mentor elementary students.¹⁹⁷⁹
(UC/CSU "G" Elective)

SENIOR SEMINAR: COLLEGE AND CAREER READINESS

GRADE: 12

10 CREDITS

YEAR

PREREQUISITE: Must be enrolled in the Pathways Communications Academy

Senior Seminar: College and Career Readiness is a year-long course that offers insight that assists students in learning valuable skills and resources necessary to apply for college, choosing a career path, and creating a post secondary plan. Students will demonstrate their knowledge of the self and available postsecondary options through a variety of assessments such as video projects, job speeches, research assignments, online portfolio, research papers, and group discussions. Specifically, students will use career panels and assessments to identify academic and career interests, skills, values, and careers for their individual personality types. Students will also research career fields and clusters, learn career research techniques, and demonstrate understanding of course materials through essay writing. Lastly, we will use career assessments from websites such as California Career Zone, Xello and Naviance that lead to career pathways and clusters as a tool of research.²³²⁴
(UC/CSU "G" Elective)

GET REEL: ENGLISH THROUGH YOUR LENS

GRADES: 10

10 CREDITS

YEAR

PREREQUISITE: Must be enrolled in Pathways Communications Academy

Get Reel: English Through Your Lens challenges 10th grade students through the intensive analysis of text, including media, informational writing, and fiction. Students develop the abilities and skills to effectively produce powerful video messages, oral presentations, and writing to critically examine and deconstruct ideological and social influences and understand how these influences impact both individual and group identity. Students in this engaging 10th grade English class learn to recognize themselves as both products and members of society as they study and create a variety of text, including narrative and analytical writing, constructed argument, visual mapping, multimedia, and video messages. They understand that language is a powerful medium when read, written, spoken, and performed with purpose. While students explore the universal themes of identity, power, and freedom, with extensive focus on the novel, poetry, informational text, and film, they acquire important technical skills needed to use digital media tools for filming and editing. They gain the necessary abilities for digital media production, while participating in a rigorous, integrated creative English and media course that provides real-world connections through extensive career and technical content.²⁴⁰³
(UC/CSU* "B" /NCAA)

DEPTH OF FIELD: EXPLORING IDENTITY THROUGH LITERATURE AND VIDEO PRODUCTION

GRADES 11

10 CREDITS

YEAR

PREREQUISITE: Must be enrolled in Pathways Communications Academy

Depth of Field: Exploring Identity Through Literature and Video Production challenges students to examine and express themselves as individuals and as active participants in a democratic society. Beginning with analyzing their preconceived notions of self, they will use this same critical lens on other figures in fiction and nonfiction in order to shed light on how different writers and artists negotiate individual and group identity. As they develop their critical analytic skills, they will also mature as artists by creating a series of real-world video projects in response to the topics and readings of the course. By the end of the year, each student will have an individual portfolio of representative work and will have worked on a collaborative documentary video project.²⁴⁰⁴
(UC/CSU* "B" /NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

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INTERMEDIATE DIGITAL MEDIA PRODUCTION

GRADE 10-12

10 CREDITS

YEAR

PREREQUISITE: Completion of Digital Video Production with a grade of “C” or higher and/or instructor approval and enrolled in the Pathways Communications Academy.

This course builds upon the concepts of video production and participation in the pre-production, production, and post-production processes of filmmaking learned in Digital Video Production. Film analyses will continue and students will learn additional techniques to advance graphic design in filmmaking. Students will complete service learning projects that will promote school and community events. **Repeatable for credit.** ¹⁴¹⁹
(Applied Arts) (UC/CSU “F” Elective VPA)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

PHYSICAL EDUCATION

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KINESIOLOGY I - INTRODUCTION TO PHYSICAL EDUCATION

GRADE 9

10 CREDITS

YEAR

PREREQUISITE: Ninth grade students not enrolled in athletics

This course is designed to introduce all ninth-grade students to the Brahma physical education program. In accordance with Ed Code Section 33352(b), this course addresses the content areas of aquatics, rhythms/dance, and individual and dual activities. Instruction on the effects of physical activity on dynamic health and the mechanics of body movement is integrated throughout the school year. One day of classroom instruction per week in "Fitness for Life" is included. Students will also participate in physical fitness activities designed to prepare them for the *Fitnessgram* physical performance test. **Senate Bill 78 requires all 9th grade students to take the *Fitnessgram* physical performance test. This assessment examines 6 elements of physical fitness. Student who do not meet the fitness standards of any 5 of the 6 fitness areas are required, by law, to take physical education in grade 10 and in subsequent grades until they meet the standards for 5 of 6 areas.**
(PE)

KINESIOLOGY II

GRADES 10-12

10 CREDITS

YEAR

This course is designed as a follow up to Kinesiology I. In accordance with Ed Code Section 33352(b), this course addresses the content areas of combatives, gymnastics and tumbling, and team activities, as well as the effects of physical activity upon dynamic health and mechanics of body movement. Students will also be introduced to the following consist seven sports: FLAG FOOTBALL: Fundamentals and terminology of football. Fundamentals that are stressed include passing, kicking, and pass receiving. Basic offensive and defensive strategies will be taught. SOCCER: The fundamental skills of soccer will be emphasized in this course, including dribbling, shooting, and goal tending. Offensive and defensive strategies will be covered in practice and game situations. SOFTBALL: Throwing, fielding, and batting skills will be emphasized in this course. Drills will be emphasized to promote skill instruction, with game situations used to introduce offensive and defensive strategies. SPEEDBALL: The fundamental skills of kicking, catching, and throwing the ball will be encouraged. BASKETBALL: This course will include instruction in the following basketball fundamentals: shooting, dribbling, and rebounding. Basic offensive and defensive team strategies will be taught along with the principles of good teamwork. VOLLEYBALL: This course in the fundamentals of volleyball will include the overhand serve, bumping, setting, and spiking techniques. Ball handling drills and skills will be a major part of this course. RACQUETBALL: Fundamentals including the serve, forehand, backhand, lob and dink will be taught. Doubles' and singles' strategy will be taught. TENNIS: A course in the fundamentals of the sport including the serve, groundstrokes and footwork. Drills and techniques will be emphasized.

Repeatable for credit. (PE)

STRENGTH TRAINING

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Grade of A/B in Physical Education class or teacher approval

The course is centered upon the improvement of the six fundamental ability factors of human beings: 1. strength 2. skills 3. flexibility 4. cardiovascular 5. muscle growth and 6. Neuromuscular improvement. The course is designed for the motivated individual who is willing to work very hard. Requirements may include written reports and exams as well as physical performance expectations.

Repeatable for credit. (PE)

TOTAL BODY FITNESS AND CONDITIONING

GRADES 10 - 12

10 CREDITS

YEAR

This course is designed for students who are interested in participating in physical activities on a regular basis. Students will develop, improve, maintain physical fitness; learn and practice lifetime activities; and acquire the knowledge that physical exercise is essential for healthful lifelong living. Activities include step aerobics, power walking, circuit training, yoga, nutrition and other aerobic and anaerobic activities. Requirements include a fitness notebook.

Repeatable for credit. (PE)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ATHLETICS**GRADES 9 - 12****5 CREDITS****SEMESTER****PREREQUISITE:** Approval of Coach[Return to Table
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This course is designed for students who participate in interscholastic sports. Students will be required to practice and compete beyond the normal school day. Only students who are on the following teams are eligible: FALL SEMESTER SPORTS . . . football, volleyball, cross country, basketball, soccer, wrestling and girl's tennis. SPRING SEMESTER SPORTS... baseball, golf, softball, track, badminton and boy's tennis.

Repeatable for credit. (PE)**PEP****GRADES 9 - 12****10 CREDITS****YEAR****PREREQUISITES:** Tryout/Audition and personal recommendations after attending week-long clinic.

The major emphasis of the Pep Squad (Cheerleaders/ Songleaders) is to lead school spirit, provide opportunity for skilled students to support other athletic teams, and compete at nationally ranked competitions. The Pep Squad builds character and self-esteem, develops leadership skills, responsibility, accountability, builds athletic skills and provides a basic understanding of the rules of a variety of sporting events. Those selected are expected to attend all practices (beginning after tryouts), performances, and competitions and most of which take place outside of the normal school day; in the evenings, on weekends, on holidays and on vacations.

Repeatable for credit. (Applied Arts) (PE)**BEGINNING DANCE**

(*Note: this is the same course offered under the "DANCE section")

GRADES 10 -12**10 CREDITS****YEAR****PREREQUISITE:** None

Students will learn and develop fundamental dance skills in the areas of Ballet, Jazz, Modern, Musical Theatre, Tap and Folk Dance, as well as gain experience in both production methods and performance. The student will gain an understanding of dance from a historical context; gaining knowledge in dance as it developed from merely a means of communication to its social significance in today's society. Students are expected to participate in a dance concert at the end of each semester which may require rehearsals outside of normal school hours. Students will also be encouraged to attend one live dance performance off campus. (Fine/Applied Arts) (PE) (UC/CSU "F" Elective VPA)

MARCHING BAND (P.E.)

(*Note: this is the same course offered under the "MUSIC section")

GRADES 9 - 12**5 CREDITS****FALL SEMESTER ONLY****PREREQUISITE:** Must have previous band experience on a band instrument

This class emphasizes marching band and includes techniques of both parade and field marching. Performances occur outside of the regular school day in the evening, on weekends, and holidays. Marching band may be taken in lieu of P.E. This course fulfills the IB Music prerequisite.

Repeatable for credit. (Fine/Applied Arts) (P.E.)**COLOR GUARD**

(*Note: this is the same course offered under the "MUSIC section")

GRADES 9 - 12**10 CREDITS****YEAR****PREREQUISITE:** Minimum 2.0 GPA. Tryout/Audition after mandatory week-long clinic

A class for students interested in the marching bank using rifles, sabres or tall flags. Emphasis will be placed on choreography and marching skills associated with field shows and parades throughout the fall, and competitions for Color Guard in the spring. Attendance is expected at all rehearsals and performances which begin in August and occur outside of normal school hours; in the evenings, on weekends, holidays and vacations. Color Guard may be taken for P.E. credit.

Repeatable for credit. (Applied Arts) (P.E.)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SCIENCE

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NATURAL SCIENCE

GRADES 9 -12

10 CREDITS

YEAR

PREREQUISITE: None:

Natural Science explores the nature and diversity of life. Students will gain an understanding of the living world, their environment and the interactions between the two. This is a core science course based upon the Next Generation Science Standards. The major content areas to be covered are ecology, photosynthesis/cellular respiration, cell biology, evolution and genetics.

This course is a one-year course which will satisfy the life science graduation requirement for science. 1382

(UC/CSU/NCAA)

EARTH SCIENCE

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: None

Students will investigate and study the interactions between the four major Earth's spheres, including the geosphere, atmosphere, hydrosphere, and biosphere in order to explain Earth's formation, processes, history, landscapes, and changes over time. The course will also explore how current actions of humans interact and affect Earth's spheres leading to local and global changes.

This course is a one-year course which will satisfy the physical science graduation requirement for science. 1572

(UC/CSU/NCAA)

BIOLOGY PRE-AP

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Currently enrolled in Algebra I or higher

The Biology Pre-AP course is designed to provide students with a comprehensive and rigorous foundation in the principles and concepts of biology. As part of the Pre-AP program, students will engage in shared instructional practices and routines that foster critical thinking skills essential for success in high school, college, and beyond. This college preparatory course emphasizes both theoretical knowledge and practical laboratory skills, preparing students for further studies in the life sciences. 1370

This course fulfills the (UC/CSU/NCAA) Life Science course requirements, ensuring that students meet the necessary academic standards for college admission and athletic eligibility.

(UC/CSU/NCAA)

BIOLOGY AP (Advanced Placement)

GRADES 10-12

10 CREDITS

YEAR

PREREQUISITE: Completion of Biology with a grade of "B" or higher (2nd Semester) and completion of Chemistry with a grade of "B" or higher (2nd Semester) and enrolled in Algebra II or have successfully completed Algebra II, or grade of "C" or higher in Biology Honors (2nd Semester), and grade of "C" or higher in Chemistry Honors (2nd Semester)

This class will cover the principles and concepts of biology in a far deeper and more thorough manner than that of the regular biology course, with this course being equivalent to a college biology course for biology majors. The course is designed to prepare the student to pass the Advanced Placement Biology Test. A satisfactory score on the test may result in university or college credit toward graduation in biology. 1324

(UC/CSU*/NCAA) *Life Science course.*

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

BIOLOGY HL/1ST YEAR

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: Grade of “B” or higher in Chemistry Honors (2nd Semester)

Students completing this course will have gained a body of knowledge and techniques common to biological science in general, and biological research in particular. They will be able to apply knowledge and techniques learned to new problem-solving situations, including ethical issues in science and international and community issues such as impact of environmental problems at different levels. The two major underlying and unifying themes of the course are evolution and an individual's responsibility to society. Students will be expected to keep portfolios of their work. ¹³⁴⁷

(UC/CSU/NCAA) *Life Science course*

BIOLOGY HL/2ND YEAR

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Grade of “C” or higher in IB Higher Level Biology I

HL Biology is a two-year course taught independently from any other biology class. The two major underlying and unifying themes are evolution and an individual's responsibility to society. Students will be expected to keep portfolios of their work. Students completing this course will have gained a body of knowledge and techniques common to biological science in general and biological research in particular. They will be able to apply knowledge and techniques learned to new problem-solving situations, including ethical issues in science and international and community issues such as impact of environmental problems at different levels. ¹³⁴⁴

(UC/CSU*/NCAA) *Life Science course*

CHEMISTRY PRE-AP

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITES: Currently enrolled in Geometry or higher. A grade of “C” or higher in Biology OR Biology Pre-AP and Algebra I.

In Chemistry Pre-AP, students develop a deep conceptual understanding of matter and energy at the molecular level as they learn to explain their macroscopic observations using particulate-level reasoning. As students engage in grade-level content, they utilize scientific reasoning skills needed to analyze the natural world. This college preparatory course emphasizes both theoretical knowledge and practical laboratory skills, preparing students for further studies in the physical sciences. This course fulfills the (UC/CSU/NCAA) Physical Science course requirements, ensuring that students meet the necessary academic standards for college admission and athletic eligibility. ¹³⁶⁰

(UC/CSU/NCAA)

ENVIRONMENTAL SCIENCE AP

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Completion of Biology with a grade of “B” or higher (2nd Semester) and completion of Chemistry with a grade of “B” or higher (2nd Semester) and enrolled in Algebra II or have already completed Algebra II, or grade of “C” or higher in Biology Honors (2nd Semester), and grade of “C” or higher in Chemistry Honors (2nd Semester)

The course is designed to be the equivalent of a college course in environmental science. It is intended to enable students to undertake an advanced study of topics in environmental science. It is a rigorous science course that stresses scientific principles and analysis. The course includes a laboratory component. The course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and human-made; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and/or preventing them. ¹³¹⁷

(UC/CSU*/NCAA) *Physical Science or Life Science course.*

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

CHEMISTRY AP (Advanced Placement)

GRADES 10-12

10 CREDITS **YEAR**

PREREQUISITES: Completion of Biology with a grade “B” or higher (2nd Semester) and completion of Chemistry with a grade “B” or higher (2nd Semester) and enrolled in Algebra II or successfully completion of Algebra II, or grade of “C” or higher in Biology Honors (2nd Semester), and grade of “C” or higher in Chemistry Honors (2nd Semester)

This is a college level course covering the principles and concepts of Chemistry more thoroughly than that of the regular high school chemistry course. The laboratories and material covered are equivalent to a first-year college chemistry course and will prepare the students to take the AP Chemistry exam. Successful completion of the exam may result in college credit.¹³²⁹ (UC/CSU*/NCAA) *Physical Science course.*

CHEMISTRY IB SL

GRADES 11-12

10 CREDITS **YEAR**

PREREQUISITE: Grade of “B” or higher in Chemistry Honors (2nd Semester)

This course will allow students to understand the processes of the world around them from a microscopic to a macroscopic/atomic perspective. Chemistry is an experimental science and students will be expected to demonstrate the body of knowledge that they have obtained through practical work. Students will be expected to analyze data, evaluate explanations and produce generalizations of phenomena in this field. Students will be accessed both internally, through periodic examinations, practical work, investigations, and the submission of an IB Group 4 Project, and externally through the IB Chemistry SL examination.¹³²⁷(UC/CSU/NCAA) *Physical Science course.*

CHEMISTRY IB HL 1

GRADES 11

10 CREDITS **YEAR**

PREREQUISITE: Grade of “B” or higher in Chemistry Honors (2nd Semester)

The first year of a two-year course that delves deeper into chemistry. It will allow students to understand the processes of the world around them from a microscopic to a macroscopic/atomic perspective. Chemistry is an experimental science and students will be expected to demonstrate the body of knowledge that they have obtained through practical work. Students will be expected to analyze data, evaluate explanations, and produce generalizations of phenomena in this field. Students will be accessed both internally, through periodic examinations, practical work, investigations, and the submission of an IB Group 4 Project, and externally through the IB Chemistry HL examination.¹³⁵⁸ (UC/CSU/NCAA) *Physical Science course.*

CHEMISTRY IB HL 2

GRADES 12

10 CREDITS **YEAR**

PREREQUISITE: Grade of “C” or higher in Chemistry IB HL 1 (*2nd Semester*)

The second year of a two-year course that delves deeper into chemistry. It will allow students to understand the processes of the world around them from a microscopic to a macroscopic/atomic perspective. Chemistry is an experimental science and students will be expected to demonstrate the body of knowledge that they have obtained through practical work. Students will be expected to analyze data, evaluate explanations and produce generalizations of phenomena in this field. Students will be accessed both internally, through periodic examinations, practical work, investigations, and the submission of an IB Group 4 Project, and externally through the IB Chemistry HL examination.¹³⁵⁹ (UC/CSU*/NCAA) *Physical Science course.*

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

PHYSICS
GRADE 11 - 12
10 CREDITS

YEAR

PREREQUISITE: “C” or higher in Chemistry and “C” or higher in Algebra II and concurrent enrollment in Trigonometry or instructor’s permission

This course will introduce the student to material covered in first year college physics. Topics will include vector analysis and equilibrium; Newton’s laws of linear motion; friction work, and energy momentum; wave phenomena such as sound and light; static and current electricity including circuits, magnetism, motors and generators. Additionally, students will be introduced to problem formulation and laboratory analysis techniques necessary to succeed at the collegiate level. A “hands-on” style will be emphasized in lab and classroom including design and science fair projects that will allow students some control of the direction of their own study.¹³³⁰
(UC/CSU/NCAA) *Physical Science course.*

AP PHYSICS 1
GRADES 10-12
10 CREDITS

YEAR

PREREQUISITE: Completion of Biology with a grade “B” or higher (2nd Semester) and completion of Chemistry with a grade of “B” or higher or grade of “C” or higher in Biology Honors (2nd Semester), and grade of “C” or higher in Chemistry Honors (2nd Semester) and enrolled in Trigonometry/Mathematical Analysis or higher mathematics

This course will take students through material covered in the first-year college physics and prepare them to take the AP Physics 1 examination. Topics would include vector analysis and equilibrium; Newton’s laws of linear motion; work, power, and simple machines; wave phenomena such as sound and water; static and current electricity including basic circuits. Additionally, students will be introduced to problem formulation and laboratory analysis techniques necessary to succeed at the collegiate level. A “hands-on” style will be emphasized in lab. Recommended – Successful completion of Physics.¹³⁵⁷
(UC/CSU*/NCAA) *Physical Science course.*

SYF

AP PHYSICS 2
GRADES 10-12
10 CREDITS

YEAR

PREREQUISITE: Completion of AP Physics 1 with a grade of “C” or higher.

This course will take students through material covered in the first year college physics and prepare them to take the AP Physics 2 examination. Topics would include fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. Additionally, students will be introduced to problem formulation and laboratory analysis techniques necessary to succeed at the collegiate level. A hands on, inquiry style will be emphasized in lab. Recommended – Successful completion of Physics 1.¹³⁶¹(UC/CSU*/NCAA) *Physical Science course.*

PHYSICS C AP: MECHANICS
GRADES 11 - 12

5 CREDITS

SEMESTER

PREREQUISITE: Completion of Biology with a grade of “B” or higher (2nd Semester) and completion of Chemistry with a grade of “B” or higher (2nd Semester), or grade of “C” or higher in Biology Honors (2nd Semester), and grade of “C” or higher in Chemistry Honors (2nd Semester) **COREQUISITE:** Enrolled in Calculus I or successful completion Calculus I

This course will take students through the material covered in the first semester of college physics, and prepare them to take the AP Physics C examination. Topics would include vector analysis and equilibrium; Newton’s laws of motion; work, power and simple machines; additionally, students will be introduced to problem formulation and laboratory analysis techniques necessary to succeed at the collegiate level. A “hands-on” style will be emphasized in lab including several design projects that will allow students some control of the direction of their own study. Recommended – Successful completion of Physics.¹³³³
(UC/CSU*/NCAA) *Physical Science course.*

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

PHYSICS C AP: ELECTRICITY AND MAGNETISM

GRADES 11 - 12

5 CREDITS

SEMESTER

PREREQUISITE: Completion of AP Physics C Mechanics with a C- or better. **COREQUISITE:** Enrolled in Calculus I or successful completion Calculus I

This course will take students through the material covered in second semester of college physics, and prepare them to take the AP Physics C examination. Topics would include Electrostatics, Conductors, Capacitors and Dielectrics, Electric Circuits, Magnetic Fields, and Electromagnetism; additionally, students will be introduced to problem formulation and laboratory analysis techniques necessary to succeed at the collegiate level. A “hands-on” style will be emphasized in lab. Recommended – Successful completion of Physics C Mechanics.¹³⁷¹

(UC/CSU*/NCAA) *Physical Science course.*

PHYSICS IB SL

GRADE 11 - 12

10 CREDITS

YEAR

PREREQUISITES: Grade of “B” or higher in Biology Honors and Chemistry Honors (*2nd Semester*).

Students will study core topics including physical measurement, mechanics, thermal physics, oscillations and waves, electric currents, fields, and forces, atomic and nuclear physics, energy, power and climate change, motion in fields, thermodynamics, wave phenomena, quantum physics, digital technology, sight and wave phenomena, astrophysics, communications, and electromagnetic waves. Students will complete laboratory activities which count for their internal assessment. ¹³⁵³

(UC/CSU*/NCAA) *Physical Science course.*

PHYSICS IB HL1

GRADE 11

10 CREDITS

YEAR

Prerequisites: Grade of “B” or higher in Biology Honors and Chemistry Honors (*2nd Semester*).

(UC/CSU*/NCAA) *Physical Science course.*¹³⁵⁰



PHYSICS IB HL2

GRADE 12

10 CREDITS

YEAR

PREREQUISITES: Grade of “C” or higher in Physics HL1

Physics IB HL2 is a continuation of the work completed in Physics IB HL 1 for higher level IB Physics students. Additional topics will be addressed including wave phenomena such as sound, water, light, and optics; static and current electricity including circuits, magnetism, motors, and generators; and modern physics such as relativity, quantum effects, and solid state electronics.¹³⁵¹

(UC/CSU*/NCAA) *Physical Science course.*

CULINARY FOOD SCIENCE

(*Note: this is the same course offered under the “CAREER EDUCATION section”)

GRADE 10 – 12

10 CREDITS

YEAR

PREREQUISITES: None

This course is designed to teach students chemistry through the science of food, the food industry and technology advances, as a concentrator course in the Culinary Arts CTE Pathway. Through extensive and numerous laboratory experimentation along with class discussion, field trips, guest speakers, students will apply chemistry principles as they pertain to the food science industry. The topics of atomic structure, chemical bonds, gasses, acids and bases, solutions, chemical thermodynamics, reaction rates, chemical equilibrium, organic chemistry and nuclear processes will be embedded in the class discussions, activities and labs about agriculture, food science and technology. Students will grow food in the school garden to later be used in class.¹³⁹⁰

(UC/CSU “D”) *Physical Science course*

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

SOCIAL SCIENCE

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ETHNIC STUDIES: Exploring Cultural Experiences in the United States

GRADES 9 – 12

5 CREDITS

SEMESTER

PREREQUISITES: None

Ethnic Studies is a one-semester course that focuses on highlighting the political, social, cultural, and economic contributions of Native Americans, Asian Americans, Latina/o/x Americans, and Black/African Americans to society. With additional units exploring identity, intersectionality of American identity, and service learning, this course will enable students to build their own civic-minded and empathic views of their surrounding community. Ethnic Studies will provide students the opportunity to explore marginalized racial and ethnic groups from a cultural lens that provides multiple narratives of each group's experience. Students will study the perspective of each ethnic group through a thematic approach to gain a strong cultural understanding. The themes of the course will include "Identity," "Migration," "Government Action and Marginalization," "Social Action and Cultural Influence," and "Impact Today." This course fulfills the state-mandated requirement for ethnic studies as stipulated by California Assembly Bill 101 (2021). (Applied Arts)

HEALTH

GRADES 9 - 12

5 CREDITS

SEMESTER

PREREQUISITES: None

Health is a course that focuses on personal health education and personal growth and development. The course addresses the physical, mental, emotional, and social aspects of health education. It provides students instruction on the impact responsible decision-making has on all segments of health. Specific topics of study include wellness, healthy relationships, violence prevention, stress management, physical fitness, nutrition, tobacco, alcohol, drugs, reproduction and sexually transmitted diseases. The course meets the state requirements for instruction relating to addictive substances and sexual education. This semester course will be offered primarily to freshmen students but will also be available to students in other grade levels based on need. (This course fulfills District requirement for Graduation.)

SYF

LEADERSHIP

GRADES 9 - 12

5 CREDITS

SEMESTER

PREREQUISITE: Elected to student government or permission from Activities' Director.

A course for students involved in student body government and student affairs. Members become aware of school law, parliamentary procedure, school management and organization.

Repeatable for credit. (Applied Arts)

MODERN WORLD HISTORY

GRADES 9 - 10

10 CREDITS

YEAR

PREREQUISITES: None

In this course, students will explore the major issues and turning points that have shaped the modern world. The course will focus on the period from the rise of democratic ideas in Ancient Greece & Rome, throughout the late 18th century, and to the present day. Students will study the social, political, geographic and economic factors that have transformed governments, societies and cultures throughout the world. Students will study recent history, focusing on the development and expansion of the western world, and the growing interdependence of people and cultures throughout the modern world. The content of the courses will include: Rise of Democratic Ideas, Industrialization, Imperialism, Major Revolutions, WWI & WWII, The Cold War Era and the Contemporary World. ¹⁵⁰¹
(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

EUROPEAN HISTORY AP (Advanced Placement)

GRADE 10

10 CREDITS

YEAR

PREREQUISITE: Grade of “A” in most recent History class (8th or 9th grade) AND Grade of “A” in English or “B” or higher in English I Honors, AND concurrent enrollment in English II Honors.

The AP European history course is designed to provide students with analytical, factual, and writing skills which relate to the development of Europe covering the period from the Renaissance through current day. Very intense reading and writing will be required in this year-long college preparatory class. This course leads to an optional Advanced Placement history test in May. College credit is possible if the test is passed. This course fulfills the World History requirement. ¹⁵²⁰ (UC/CSU*/NCAA)

MODERN AMERICAN HISTORY

GRADE 11

10 CREDITS

YEAR

PREREQUISITES: None

This class reviews the major points of American History beginning with the nation’s origins and progressing to present day. The major emphasis of instruction for this course will range from the post Civil War period to contemporary times. Students will study the flood of immigration following the American Industrial Revolution of the late nineteenth century. Students will analyze the rise of American cities and the challenges that arise with urbanization. They will understand the Great Depression and the relevance of the New Deal and World War 2 in getting America back on its feet. Students will study the Cold War and understand its importance on the postwar policy. Students will look at the changing face of America in the 1960’s and finish the year by studying contemporary issues in America.¹⁵⁰² (UC/CSU/NCAA)

U.S. HISTORY AP (Advanced Placement)

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: Grade of “A” in World History or “B” or higher in AP European History, AND grade of “A” in English II or “B” or higher in English II Honors.

This course provides students with analytical, factual, reading and writing skills relating to U.S. History. Topics include Colonization, the Revolutionary period, Federalism, the Jacksonian Era, Antebellum America, the Civil War and Reconstruction, the Gilded Age, Progressivism, Imperialism, World War One, the Roaring Twenties, the Great Depression and the New Deal, World War Two, the Cold War, the Turbulent Sixties, the Vietnam War, and the Seventies. Very intense reading and writing is required in this year-long college preparatory class. Students will write several traditional and document-based essays during the year, as well as investigate both primary and secondary historical sources. This course is designed to provide students with the skills to pass an optional Advanced Placement history test in May. A satisfactory score will result in the receiving of university or college credit toward graduation.¹⁵²⁸ (UC/CSU*/NCAA)

HISTORY SL

GRADE 11

5 CREDITS

SEMESTER

PREREQUISITE: This course is offered for students in the IB Programme based upon completion of tenth grade Modern World History with at least a B grade. Completion of Advanced Placement European History during the sophomore year is strongly recommended.

This is a one-year program of study that fulfills the group three requirements within the International Baccalaureate Diploma Programme as well as the California State Standards for U.S. History. Students taking this course will examine significant events in the early development of the United States. Twentieth century American History will be integrated with the study of contemporary world issues, focusing on Peacemaking and Peacekeeping in the early 20th century, the onset, events, and resolution of the Cold War, as well as the significant role war has played in the evolution of the modern world. The emphasis of this course will be on the synthesis and application of interpretive historical thought, in-depth study of 20th century national, ethnic, and state identities, and the United States’ role in the modern world.¹⁵³⁴ (UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

HISTORY OF THE AMERICAS HL/2ND YEAR
GRADE 12
10 CREDITS **YEAR**
PREREQUISITE: Completion of History SL

This class is the second year of the two-year course that will meet International Baccalaureate Diploma Programme requirements for Higher Level History. The grade 12 year will focus on Mexican history for 6 weeks, and then the remainder of the year will focus on the study of contemporary world issues, focusing on Peacemaking and Peacekeeping in the early 20th century, the onset, events, and resolution of the Cold War, as well as the significant role war has played in the evolution of the modern world. Students will take their International Baccalaureate examinations at the end of the 12th grade year. The emphasis of this course will be on the synthesis and application of interpretive historical thought, in-depth study of 20th century national, ethnic, and state identities, and the United States' role in the modern world. Students will take their International Baccalaureate examinations at the end of the 12th grade year. ¹⁵³⁵ (UC/CSU*/NCAA)

CIVICS
GRADE 12
5 CREDITS **SEMESTER**

In this course students will pursue a deeper understanding of the institution of American Government. They compare systems of government in the world today and analyze the history and changing interpretations of the Constitution, the Bill of Rights, and the current state of legislative, executive, and judiciary branches of government. An emphasis is placed on analyzing the relationship among federal, state, and local governments, with particular attention paid to important historical documents such as the *Federalist Papers*. These standards represent the culmination of civic literacy as students prepare to vote, participate in community activities, and assume the responsibilities of citizenship. ¹⁵³² (UC/CSU/NCAA)

AMERICAN GOVERNMENT AP
GRADE 12
5 CREDITS **SEMESTER**

PREREQUISITE: "B" or higher in Modern American History or "C" or higher in AP US History AND "B" or higher in 11th Grade English.

A study of our government's constitution underpinnings, political beliefs, political parties, interest groups, policy process and protection of civil rights and civil liberties. This course is intended for qualified students who wish to complete studies in secondary school equivalent to a one-semester college introductory course in United States government (Political Science). This course will fulfill the civics graduation requirement. This course is designed to prepare the student to take the Advanced Placement Government exam. A satisfactory score will result in the receiving of university or college credit toward graduation. ¹⁵²³(UC/CSU*/NCAA)

ECONOMICS
GRADE 12
5 CREDITS **SEMESTER**

This course will provide students with an understanding of economic principles and theories, including comparative economic systems, Micro economics and an introduction to the concepts of Macro economics. Students will gain awareness of the historical and contemporary development of U.S. economic policies, will understand the role of the individual within an economic structure and will be encouraged to recognize and interpret economic happenings in our society. ¹⁵²⁵ (UC/CSU "G" Elective/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

ECONOMICS AP (Advanced Placement - Microeconomics)

GRADE 12

5 CREDITS

SEMESTER

PREREQUISITE: “B” or higher in Modern American History or “C” or higher in AP US History, AND “B” or higher in 11th Grade English, AND “B” or higher in Trigonometry/Math Analysis, or grade “B” or higher in Mathematical Analysis Honors.

The AP Economics course is designed to provide students with a rigorous introduction to the determinants which affect the basic model of demand and supply, abstract theories and models, algebraic and graphic tools, emphasizing certain market relationships at both Micro and Macroeconomics levels that interpret market structures. This course is intended for qualified students who wish to complete studies in secondary school equivalent to one-semester college introductory course in Economics. This course will fulfill the Economics graduation requirement. This course is designed to prepare the student to take the Advanced Placement Economics exam. A satisfactory score will result in the receiving of university or college credit toward graduation. ¹⁵⁴³
(UC/CSU* “G” Elective/NCAA)

PEER COUNSELING

GRADES 10 – 12

10 CREDITS

YEAR

PREREQUISITE: Application, interview, and teacher or GLC recommendations.

This course trains motivated students in the fundamentals of peer counseling skills which include counseling ethics, interpersonal communication skills, stress and anger management, assertiveness training, strategies to deal with crisis and change, and other relevant teen issues. Peer Counselors will continue to increase their knowledge on counseling-related issues and will train in conflict mediation and model interpersonal skills as mentors.²³⁵⁰

Repeatable for credit (Applied Arts) (Elective UC/CSU “G”)

PSYCHOLOGY

GRADES: 11 - 12

10 CREDITS

YEAR

PREREQUISITES: NONE

This year-long course for seniors is designed to introduce students to the biological and theoretical foundations of psychology. The course will encourage students to develop analytical skills, conduct research, investigate the mind-body connection, analyze concepts of consciousness, evaluate theories of personality, develop an understanding of psychological disorders, evaluate the role and effectiveness of treatments, and analyze theories of intelligence. Students will be expected to demonstrate their understanding of psychology through various projects, discussions, and assignments.

(UC/CSU “G”/NCAA)

HUMAN GEOGRAPHY AP (Advanced Placement)

GRADES 10 – 12

10 CREDITS

YEAR

Human Geography AP is designed to be a college introductory geography class. It aims to introduce students to the basic concepts of human geography and provide a geographic framework for the analysis of current world problems through the use of case studies. The course develops students’ ability to ask geographic questions; acquire, organize, and analyze geographic information; and answer geographic questions. *This course does not satisfy the World History graduation requirement.*

(UC/CSU* “A”/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

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PSYCHOLOGY AP (Advanced Placement)

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: “B” or higher (2nd Semester) in US. History or “C” or higher (2nd Semester) in AP US History AND “B” or higher (2nd Semester) in Biology or “C” or higher (2nd Semester) in AP Biology AND “B” or higher in English III or “C” or higher (2nd Semester) in English III Honors/AP English (Rhetoric). It is recommended that AP Statistics be taken concurrently.

Psychology is the scientific study of human behavior and mental activity. In this course, students will study human development, intelligence, personality, abnormal behavior, therapeutic intervention, and social psychology. This course is designed to prepare the student to take the Advanced Placement Psychology test. A satisfactory score will result in receiving university or college credit toward graduation. Credit is received in the standard A.P. format. ¹⁵⁶¹
(UC/CSU “C” Elective*/NCAA)

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

STUDENT SUPPORT

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ACADEMIC SUPPORT

GRADE 9 – 12

5/10 CREDITS

SEMESTER/YEAR

PREREQUISITE: GLC Approval

The purpose of this class is to provide students with the skills needed to succeed in their academic classes. Students will receive resources and strategies to help with goal setting, time management, organization, and career exploring and planning. This class also gives students an opportunity during their school day to: work on homework and projects; prepare for tests; get academic assistance from peer tutors; work on a computer tutorial program; and organize themselves in order to be better prepared for class.

Repeatable for credit.

STUDY SKILLS

GRADES 9 - 12

5/10 CREDITS

SEMESTER/YEAR

PREREQUISITE: Case Carrier Approval

The purpose of this course is to give students the academic tools necessary to be successful at the high school level and beyond. This class is designed to give students the opportunity to be accountable for their own academic careers. The course gives students extra time during the school day to complete coursework from other classes. They are exposed to a wide variety of study skills to assist them in passing their courses. Students are taught healthy study habits, note taking systems, study tactics, planning/time management, and the introducing and establishing healthy routines on daily and weekly basis.

Repeatable for credit.

SYF

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

WORLD LANGUAGES

First year language study at Diamond Bar High School is taught in the target language 80% of the time. Second year language courses are taught in the target language 90% of the time. Third and fourth year courses are taught nearly 100% of the time in the target language.

CHINESE I GRADES 9-12

10 CREDITS **YEAR**

PREREQUISITE: Grade of C or higher in English.

Learn Pinyin phonetic system. Learn to speak and understand the basics of the Chinese language: date, numbers, color, time, seasons, weather, rooms, shopping, transportation, food, and activities. Learn to write simple sentences and paragraphs. Learn Chinese philosophy and culture. Participate in skits/group/pair activities in the target language. Course emphasis is on traditional Chinese. Materials are presented in both traditional and simplified Chinese. 1701
(UC/CSU/NCAA)

CHINESE II GRADES 9-12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Chinese I with a grade of "C" or higher.

As a continuation of Chinese I, this course continues vocabulary acquisition. A strong emphasis is placed on writing and the oral aspects of the language, particularly the ability to communicate meaningfully in the target language. Course emphasis is on traditional Chinese. Materials are presented in both traditional and simplified Chinese. 1702
(UC/CSU/NCAA)

CHINESE II HONORS GRADES 9-12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Chinese I with a grade of "A".

In this advanced course you will continue to expand your listening, speaking, reading, and writing abilities in Chinese. You will develop your ability to use the language in real-life situations as well as develop a greater understanding of Chinese culture. This course is the equivalent of 1 1/2 years of non-Honors Chinese. Course emphasis is on traditional Chinese. Materials are presented in both traditional and simplified Chinese. 1731
(UC/CSU/NCAA)

CHINESE III GRADES 9-12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Chinese II with a grade of "C" or higher.

As a continuation of Chinese II, this course continues vocabulary acquisition and writing development with a strong emphasis on the oral aspect of the language. Content reading and basic creative writing are also important components of this course. Simplified and traditional Chinese are both used. 1700
(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

CHINESE III HONORS

GRADES 9-12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Chinese II with a grade of “A” or Chinese II Honors with a grade of “B” or higher.

As a continuation of Chinese II Honors, this course continues to expand your listening, speaking, reading, and writing abilities in Chinese. You will expand your ability to use the language in real-life situations as well as develop a better understanding of Chinese culture through literature and creative writing opportunities. This course is the first in a two-year cycle to prepare you for the International Baccalaureate Standard Level exam in Chinese. Simplified and traditional Chinese are both used. (UC/CSU*/NCAA)

CHINESE IV

GRADES 9 - 12

10 CREDITS

YEAR

PREREQUISITE: Successful Completion of Chinese III with a grade of “C” or higher.

This course is designed to expand the students’ speaking, listening, writing and reading skills through Chinese literature. Simplified and traditional Chinese are both used.¹⁷⁶⁴ (UC/CSU/NCAA)

CHINESE IV LANGUAGE AND CULTURE AP

GRADES 10 - 12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Chinese III Honors with a grade of “B” or higher, or Chinese III with a grade of “A”.

This challenging course will be conducted entirely in Chinese to continue developing advanced skills in reading literature and writing in Chinese. It will also prepare students for the Standard Level or Higher Level IB exam. There will also be an in-depth emphasis on the Chinese literature.¹⁷⁹⁵ (UC/CSU*/NCAA)



MANDARIN IB SL

GRADES 11 – 12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Chinese III Honors with a grade of “B” or higher. (UC/CSU*/NCAA)

MANDARIN IB HL1

GRADE 11

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Chinese III Honors with a grade of “B” or higher. (UC/CSU*/NCAA)

MANDARIN IB HL2

GRADE 12

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Mandarin IB HL1 with a grade of “B” or higher. This is the sequence of Mandarin classes for the International Baccalaureate program. (UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

**FRENCH I
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Grade of “C” or higher in English

Learn to speak and understand the basics of the French language: dates, numbers, color, time, seasons, weather, shopping, transportation, food, and activities. Learn to write, read, understand and speak in addition to French culture. Participate in skits/group/pair activities in the target language. ^{0320V, 1721}
(UC/CSU/NCAA)

**FRENCH II
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of French I with a grade of “C” or higher.

This course is for students who have finished the first year of French and want to continue to improve their listening, speaking, and writing abilities. Students will have many opportunities to use the language in real-life situations and to expand their cultural knowledge. Student progress will be assessed in oral and written competency. ¹⁷²⁷
(UC/CSU/NCAA)

**FRENCH II HONORS
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of French I with a grade of “A”.

In this advanced course you will continue to expand your listening, speaking, reading, and writing abilities in French. You will develop your ability to use the language in real-life situations as well as develop a greater understanding of French culture. This course is the equivalent of 1 1/2 years of non-Honors French. ¹⁷³⁷
(UC/CSU/NCAA)

SYF

**FRENCH III
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of French II with a grade of “C” or higher.

In this course, the language of French will begin to “come together” for you. You will be able to speak more freely in French, and most of the class will be conducted entirely in French. In addition, you will be reading and writing with more skill. The entire French speaking world will be the object of your study and for the first time you will be able to attend French immersion camp. ¹⁷²⁹
(UC/CSU/NCAA)

**FRENCH III HONORS
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of French II with a grade of “A” or higher or French II Honors with a grade of “B” or higher.

This course is designed for those students who enjoy being challenged. This course will prepare you for the Advanced Placement French IV-V class. In addition to the conversation, reading and writing offered in the regular French III class, there will be emphasis on the perfection of these skills and an introduction to French literature. ¹⁷³³
(UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

FRENCH IV (Conversational)

GRADES 9-12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of French III with a grade of “C” or higher.

This course is designed for students who do not intend to take the AP test but want to continue their study of French in a largely conversational format. Debates, skits, videos and cultural activities are the focus of student activities in addition to improving vocabulary and fluency! ¹⁷⁴¹
(UC/CSU/NCAA)

FRENCH LANGUAGE AP

GRADES 10-12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of French III Honors with a grade of “B” or higher.

Intended for students who plan to take the AP test in French Language or the IB Standard Level Exam or Higher Level, this course helps students hone writing skills, analyze literary works and develop cultural sensitivity. Be prepared to be challenged and to grow, both intellectually and linguistically.
(UC/CSU*/NCAA)

FRENCH IB SL

GRADES 11 – 12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of French III Honors with a grade of “B” or higher.

(UC/CSU*/NCAA)¹⁷⁹¹

FRENCH IB HL1

GRADE 11

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of French III Honors with a grade of “B” or higher.

(UC/CSU*/NCAA) ¹⁷⁹²

FRENCH IB HL2

GRADE 12

10 CREDITS **YEAR**

PREREQUISITE: Successful completion of French IB HL1 with a grade of “B” or higher.

This is the sequence of French classes for the International Baccalaureate program.

(UC/CSU*/NCAA)¹⁷⁹⁴

ITALIAN I

GRADE 9

10 CREDITS **YEAR**

PREREQUISITE: None

Italian 1 is an intensive introduction to Italian emphasizing communicative-based competencies and Italian language culture. The course focuses on the three modes of communication: interpretative, interpersonal, and presentational. Structured activities will enable students to perform successfully in real-world communication that is purposeful and takes place in a variety of authentic settings which represent what a student will experience in the target culture. The course is aligned to the World Language Standards (Communication, Cultures, Connections) which define the essential skills and knowledge that all students need to acquire.¹⁸⁰⁰
(UC/CSU)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

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KOREAN I
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “C” or higher in previous English course.

Students will learn to speak and understand the basics of the Korean language. Students will also learn about Korean culture, food and customs. (UC/CSU/NCAA)

KOREAN II
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “C” or higher in Korean I.

This course is a continuation of Korean I. Students will continue to augment their vocabulary and expand reading and writing skills. A strong emphasis will be placed on developing successful communication skills using the target language. (UC/CSU/NCAA)

KOREAN II HONORS
GRADES 9 – 12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “A” in Korean I.

In this advanced course students will continue to expand their listening, speaking, reading and writing abilities in Korean. Students will develop the ability to use the language in real life situations as well as develop a greater understanding of Korean culture. This course is the equivalent of 1 ½ years of non-Honors Korean. (UC/CSU/NCAA)

KOREAN III
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade “C” or higher in Korean II.



The third year of Korean language study offers students the opportunity to improve speaking, listening, writing and reading skills beyond the basic level. The class is conducted entirely in Korean. Students will have the opportunity to participate in many language-based activities and projects. (UC/CSU/NCAA)

KOREAN III HONORS
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “A” in Korean II, or grade of “B” or higher in Korean II Honors.

This challenging course will be conducted almost entirely in Korean. Coursework is designed to develop students’ ability to speak, listen, read and write in Korean. Students will read authentic documents and short stories in Korean. Students will write literary compositions in Korean. (UC/CSU*/NCAA)

KOREAN IV
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade “C” or higher in Korean III.

This course is designed to expand the students’ speaking, listening, writing, and reading skills through literature. The emphasis is on the study of Korean literature and history. Course will be conducted entirely in target language. (UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

KOREAN IB SL
GRADES 11 – 12
10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Korean III Honors with a grade of “B” or higher.
(UC/CSU*/NCAA)

KOREAN IB HL1
GRADE 11
10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Korean III Honors with a grade of “B” or higher.
(UC/CSU*/NCAA)

KOREAN IB HL2
GRADE 12
10 CREDITS **YEAR**

PREREQUISITE: Successful completion of Korean IV Honors or Korean IB HL1 with a grade of “B” or higher.

This is the sequence of Korean classes for the International Baccalaureate program. (UC/CSU*/NCAA)

SPANISH I
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “C” or higher in most recent English class and/or teacher permission.

This introductory Spanish language course focuses on developing skills in speaking, listening, understanding and writing in the target language. Students will communicate with others in everyday situations and be exposed to the culture and heritage of Spanish-speaking countries. Student progress will be assessed in oral and written competency. Regular homework and active participation are mandatory. (UC/CSU/NCAA)

SYF

SPANISH II
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Grade of “C” or higher in Spanish I.

This course is for students who have finished the first year of Spanish and want to continue to improve their listening, speaking, and writing abilities. Students will have many opportunities to use the language in real-life situations and to expand their cultural knowledge. Student progress will be assessed in oral and written competency. Regular homework and active participation are mandatory. (UC/CSU/NCAA)

SPANISH II HONORS
GRADES 9-12
10 CREDITS **YEAR**

PREREQUISITE: Course grade of “A” in Spanish I.

In this advanced course students will continue to expand listening, speaking, reading, and writing skills. Student progress will be assessed in oral and written competency. Regular homework and active participation are mandatory. Students will develop their ability to use Spanish in real-life situations as they gain in a greater understanding of various Hispanic cultures. Students will receive intensive instruction in Spanish grammar and usage. This course is the equivalent of 1 ½ years of non-Honors Spanish. Completion of summer work is mandatory.
(UC/CSU/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.

**SPANISH III
GRADES 9-12
10 CREDITS**

YEAR

PREREQUISITE: Successful completion of Spanish II with a grade of “C” or higher.

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The third year of Spanish offers students the opportunity to improve their skills in speaking, reading, and writing. Students will read short stories in the target language and will speak entirely in the target language.
(UC/CSU/NCAA)

**SPANISH III HONORS
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Grade of “B” or higher in Spanish II Honors, or grade of “A-” or higher in Spanish II.

This course is designed to prepare students for the Advanced Placement or IB course. Prior successful completion of Spanish II Honors is strongly recommended. The class will be conducted almost entirely in Spanish as students continue to develop advanced skills in listening and speaking, with an emphasis on reading and writing. This course is the equivalent of 1 ½ years of non-Honors Spanish. Completion of summer work is mandatory.
(UC/CSU*/NCAA)

**SPANISH IV
GRADES 9-12**

10 CREDITS

YEAR

PREREQUISITE: Grade of “C” or higher in Spanish III and/or teacher permission.

This course is designed for students who want to increase their speaking and writing abilities in Spanish. This is an activities-based course where students will speak entirely in Spanish and explore a variety of Spanish cultures. Instruction is conducted entirely in Spanish.
(UC/CSU/NCAA)

**SPANISH LANGUAGE AP
GRADES 11-12**

10 CREDITS

YEAR

PREREQUISITE: Course grade of “B” or higher in Spanish III Honors.

SYF

This college level course is the second part of the Spanish IV AP program, with breadth and depth of material designed to prepare students to pass the Advanced Placement Spanish Language Exam or the IB Standard Level or Higher Level Exam. Students will also gain a deeper understanding of Spanish culture and explore Spanish and Latin American Literature.
(UC/CSU*/NCAA)

**SPANISH IB SL
GRADES 11 – 12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Spanish III Honors with a grade of “B” or higher.
(UC/CSU*/NCAA)

**SPANISH IB HL1
GRADE 11**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Spanish III Honors with a grade of “B” or higher.
(UC/CSU*/NCAA)

**SPANISH IB HL2
GRADE 12**

10 CREDITS

YEAR

PREREQUISITE: Successful completion of Spanish IB HL1 with a grade of “B” or higher.

This is the sequence of Spanish classes for the International Baccalaureate program.
(UC/CSU*/NCAA)

Asterisk (*): Qualifies for extra grade point UC/CSU
NCAA: Qualifies for NCAA Eligibility Center for student athletes.