



SUNNYSLOPE ELECTIVE COURSES



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* indicates classes with no prior experience necessary

CAREER AND TECHNICAL EDUCATION (CTE) ELECTIVES

ENGINEERING SCIENCE 1-2*

- Engineering Science 1-2 will cover CTSO, Safety, Work-place Skills, Programming, Robotics, Oral and Written Communication skills, Vocabulary and Math Concepts.
- There will be a big focus on the Engineering Design Process that is used to prove design concepts and ideas during group projects.
- The basics of sketching, modeling and the CAD program Solidworks will also be taught and used during all projects throughout the year.

ADVANCED ENGINEERING SCIENCE

- CTSO, Work-place Skills, Project Management, Programming, Math and Physics Concepts, Technology, Safety, Oral and Written Communication
- Continued work with Robotics including skill work with the CNC plasma cutter, CNC Mill machine, Welding technologies and Pnuematics and Hyrdraulics
- Continued work with CAD modeling program Solidworks that includes potential for Industry Certifications.



CABINETMAKING 1-2*

- Introduction to woodworking hand tools and basic shop safety
- Measurement, layout, and simple class projects
- Wood joint project, portable hand tools, stationary power tool safety - build and finish clock project
- 2nd semester - PBA project - design, draw, calculate, plan, and finish semester-long woodworking project

CABINETMAKING 3-4

- Fundraiser project, power tool safety review, candle box project
- Introduction to woodworking lathe and basic lathe safety - shaker table project
- Student selected project(s)

CABINETMAKING 5-6

- Safety review
- 1st semester - student selected project(s)
- 2nd semester - student selected project(s)



* indicates classes with no prior experience necessary

CAREER AND TECHNICAL EDUCATION (CTE) ELECTIVES CONT'D

AEROSPACE 1-2*

- Air Force JROTC is an accredited program emphasizing leadership and personal development with the intent of continuing on to college, military, or career goals.
- Classroom activities focus on aviation, astronomy, world events, military history, and life skills.
- Classroom instruction is augmented throughout the year with extra-curricular activities in athletics, orienteering, air rifle, academic teams, and model rocket building.

AEROSPACE 3-4

- Continuation from Aerospace 1-2

AEROSPACE 5-6

- Continuation from Aerospace 3-4

AEROSPACE 7-8

- Continuation from Aerospace 5-6



FIRE SCIENCE

- Explore career opportunities in Fire Services and learn the principles of fire prevention and suppression
- Become CPR certified and receive first aid training
- Participate in community service projects, compete in regional fire musters, and attend field training experiences at various sites in the Valley



FILM/TV 1-2*

- Learn photo, video editing, sound and animation software
- Acquire knowledge and use of industry equipment for camera, lighting and sound
- Produce scripts for commercials, newscasts, short films and music videos

FILM/TV 3-4

- Apply and follow production techniques in creating, directing, producing, filming and editing a video project
- Operate audio and video equipment for daily announcement/newscasts/special projects
- Participate and compete in the District Film Festival



FILM/TV 5-6

- Complete work-based learning activities running the school studio
- Participate and compete in the District Film Festival
- Participate and compete in the student organization, Skills USA

* indicates classes with no prior experience necessary

CAREER AND TECHNICAL EDUCATION (CTE) ELECTIVES CONT'D

JOURNALISM (NEWSPAPER) 1-2*

- Learn all writing genres involved in journalism and all the steps that lead to publication
- Learn Adobe software used in illustration, photography and page design
- Publish writing and photos in school newspaper

JOURNALISM (NEWSPAPER) 3-4 / JOURNALISM (NEWSPAPER) 5-6

- Take on assignments from student editors - photography, writing and reporting
- Research, interview and write stories in various genres - feature, news, editorial, sports
- Design newspaper pages using Adobe software



JOURNALISM (NEWSPAPER) 7-8

- Possibly lead class as editor / Take on assignments from student editors - photography, writing and reporting
- Research, interview and write stories in various genres - feature, news, editorial, sports
- Design newspaper pages using Adobe software

PUBLICATION (YEARBOOK) 1-2*

- Learn all writing genres involved in journalism and all the steps that lead to publication
- Learn Adobe software used in illustration, photography and page design
- Publish writing and photos in school yearbook

PUBLICATION (YEARBOOK) 3-4/ PUBLICATION (YEARBOOK) 5-6

- Attend assigned school events to take photos and interview
- Use Adobe software to process and design - photos, illustrations and pages
- Publish writing and photos in school yearbook



PUBLICATION (YEARBOOK) 7-8

- Possibly lead class as Editor / Attend assigned school events to take photos and interview
- Use Adobe software to process and design - photos, illustrations and pages
- Publish writing and photos in school yearbook

* indicates classes with no prior experience necessary

CAREER AND TECHNICAL EDUCATION (CTE) ELECTIVES CONT'D



BUSINESS

INTRODUCTION TO BUSINESS, MARKETING AND TECHNOLOGY*

- Basic knowledge of business structures and software programs (Microsoft Products, Photoshop, and Google Products)
- Create advertisements and marketing material
- Creating career documents and basic knowledge of personal finance

ENTERTAINMENT/SPORT MARKETING* (GRADE 10-11)

- Perform marketing and management functions related to sports and entertainment services
- Use state of the art equipment and industry related instructional materials
- Can earn college credit

ADVANCED MARKETING

- Manage and Operate the student store on campus
- Participate and Compete in the student organization DECA
- Create promotional materials for the student store on campus



ADVANCED MARKETING FIELD

- Complete and internship in a supervised work or volunteer experience
- Examine and apply the skills needed to maintain a career in this industry
- Gain work experience while earning credit

BUSINESS OPERATIONS AND SOFTWARE*

- Gain technical knowledge and skills that are associated within business operation functions
- Master the use of presentation software, word processing, and cloud based software.
- Industry Certification: Microsoft Office Specialist (MOS) in PowerPoint 2016 & Word 2016

ADVANCED BUSINESS OPERATIONS AND SOFTWARE



- Enhance your business skills and knowledge within global business concepts, management principles, and workplace skills.
- Participate and compete in the student organization FBLA
- Industry Certification: Microsoft Office Specialist (MOS) in Excel, Outlook & Word Expert 2016

BUSINESS INTERNSHIP

- Receive workplace skill training in areas such as software applications, phone communication, and duties related to office occupations.
- Participate and compete in the student organization on FBLA and manage/operate the kiosk Slope Central
- Gain work experience while earning credit as well as possible MOS Certification.

* indicates classes with no prior experience necessary

FINE ART ELECTIVES

ART 1-2*

- A beginning level 2D art course that is designed to introduce the student to the fundamental elements and principals of art.
- In order to provide the student with a broad base for visual understanding and the problem solving aspects of art, the student will be given the opportunity to create different projects using a wide variety of materials and media.
- The different projects may include drawing, printmaking, painting, designing, and mixed media.

ART 3-4

- This is an upper level course in which you must past Art 1-2 to take.
- 3-4 students will create a variety of subject matter through the use of wet and dry media.
- Students will begin focusing on more abstract and independent theories in art.

ART 5-6

- Students must past 3-4 to take Art 5-6 class
- During this class, students will begin to develop their own individual artistic style by tackling projects that are more challenging.
- Students will also create a more focused artistic goal for themselves as an individual by making more independent choices in the art making process.

ART 7-8

- This class is for students who do not wish to take AP but would like to take a 4th year of art for credit.
- The students will develop a portfolio of 12 pieces of artwork created throughout the year.
- The student will choose a theme they wish to pursue in the 12 pieces that will make up their portfolio.

AP ART (DRAWING)

- The students will submit a portfolio consisting of 24 pieces to the college board and Mrs. Stephens at the end of the year.
- 12 pieces will consist of their breadth pieces (any 12 pieces of art that is college quality).
- 12 pieces will consist of their concentration, a body of work focused on a specific theme. Passing this portfolio with a 3 or higher could earn your college credit.



* indicates classes with no prior experience necessary

FINE ART ELECTIVES CONT'D

3D DESIGN 1-2*

- Introduction to the fundamentals and technical principles of working three dimensionally
- Experiment with a number of construction methods and materials used to create, represent, respond to, and reflect on form in space using materials like cardboard, wire, wood, and clay
- Practice identifying and utilizing the elements and principles of design in a three-dimensional environment by creating and critiquing art and design works. This process will also enhance written and oral fluency in artistic language.



3D DESIGN 3-4

- Further develop and experiment with technical principles of working three dimensionally
- Explore new construction methods and materials used to create, represent, respond to, and reflect on form in space using materials like cardboard, wire, wood, and clay
- Practice identifying and utilizing the elements and principles of design in a three-dimensional environment by creating and critiquing art and design works. This process will also enhance written and oral fluency in artistic language.

ADVANCED 3D DESIGN

- Further develop and experiment with technical principles of working three dimensionally
- Focus on personal construction methods and materials used to create, represent, respond to, and reflect on form in space using materials like cardboard, wire, wood, and clay
- Practice identifying and utilizing the elements and principles of design in a three-dimensional environment by creating and critiquing art and design works. This process will also enhance written and oral fluency in artistic language.

DIGITAL PHOTOGRAPHY 1-2* (10-12 GRADE)

- Practice the art of visual expression through photography
- Learn to use industry-standard digital cameras and post-processing applications
- Begin to explore photography genres, techniques, and career pathways



DIGITAL PHOTOGRAPHY 3-4

- Further develop and appreciate the art of visual expression through photography
- Practice advanced techniques with industry-standard digital cameras and post-processing applications
- Explore more photography genres, techniques, and career pathways

DIGITAL PHOTOGRAPHY 5-6

- Strive to master the art of visual expression through photography
- Demonstrate advanced digital camera and post-processing skills through work-based projects
- Develop a professional portfolio with depth and breadth of photographic genres and techniques



* indicates classes with no prior experience necessary

FINE ART ELECTIVES CONT'D

WOMEN'S CHOIR

- Open to all beginning and intermediate women, no audition required. A great environment to develop your voice and gain confidence and musical skill.
- Students learn fundamentals of vocal technique and part singing as well as music notation and sight-reading
- Students perform in concert each quarter as a part of the class requirements with additional festivals



MEN'S CHOIR

- Open to all men, no audition required. A great environment to develop your voice and gain confidence and musical skill.
- Students learn fundamentals of vocal technique and part singing as well as music notation and sight-reading
- Students perform in concert each quarter as a part of the class requirements with additional festivals

CONCERT CHOIR

- Open to intermediate - advanced students by audition only
- Students focus on improving vocal development, sight-singing skills and musical literacy
- Students have required concerts each quarter as well as festivals and other performance opportunities.

VOCAL ENSEMBLE

- Open to advanced singers by audition only
- Students continue to develop excellent vocal technique, sight-singing skills and advanced musicianship.
- Students have required concerts each quarter as well as community performances, festivals and travel opportunities.

PIANO

- Beginner level course open to any student wanting to learn to play the piano
- Learn to read music notation applied to piano and basic music theory

BEGINNING BAND

- No experience required and a great way to get your arts credit!
- Class includes all standard band Instruments and upright bass (no electric). Many instruments are provided free of charge.
- Students perform in December, March and May concerts as part of the class requirements.

INTERMEDIATE BAND (PERCUSSION ENSEMBLE)

- Percussion experience of some kind required and a basic audition is required. No brass, woodwinds or strings are in this class.
- Students in this class are required to participate in marching band 1st semester
- Students perform in December, March and May concerts as part of the class requirements along with first and second semester festivals.



ADVANCED BAND (SYMPHONIC BAND)

- Brass or woodwind experience required and a basic audition is required.
- Students in this class are required to participate in marching band 1st semester
- Students perform in December, March and May concerts as part of the class requirements along with 1st and 2nd semester festivals.

* indicates classes with no prior experience necessary

FINE ART ELECTIVES CONT'D

MARCHING BAND/JAZZ ENSEMBLE

- Experience in brass, woodwind or percussion required, or an interest in flag line (Color guard).
- Class meets 6:45am to 7:55am, Mon, Tue, Thu, Fri and has Tuesday Night rehearsals August through November (1st Semester). Some Friday and Saturday events are also required.
- Students in this class are required to participate in Advanced or Intermediate band 1st and 2nd semester with exception of flag line members.



ORCHESTRA

- No audition required. Class includes all beginning through advanced string players on traditional orchestral strings and piano.
- Great way to get your arts credit in a fun environment!
- Students perform in October, December, March and May concerts and the district festival as part of the class requirements.

THEATRE 1-2

- No experience is required to take this overview course.
- Students in this class are introduced to the theatre building and safety, beginning acting techniques including improv, and several technical aspects such as costumes and lighting.
- Students are not required to participate in the after school productions but auditions are open to those who are interested.



THEATRE 3-4

- Theatre 1-2 or equivalent transfer is required.
- Students in this class learn competition level technical elements and further their acting skills through various pieces.
- Students are required to participate in a class production during the first semester and are encouraged to get involved with the after school productions.

THEATRE 5-6

- Theater 1-2 & 3-4 or equivalent transfer credit is required.
- Students in this class explore higher level acting techniques and go more in-depth into design of theatre technology.
- Students are required to participate in the Falls Arts Assembly and are generally expected to be involved in planning and execution of theatre club activities and/or after school productions.

THEATRE 7-8

- Theater 1-2 & 3-4 or equivalent transfer credit is required. (Teacher discretion)
- Students in this class work on developing their own script and directing skills in preparation for the spring 10-minute play festival.
- Students are required to participate in the Falls Arts Assembly and are expected to be involved in planning and execution of theatre club activities and/or after school productions.

* indicates classes with no prior experience necessary

FINE ART ELECTIVES CONT'D

BEGINNING DANCE

- No dance experience required
- Maximum of 3 dances in the dance show
- Jazz, Hip-hop, and Ballet taught

INTERMEDIATE DANCE

- Basic dance technique required
- Maximum of 5 dances in the dance show
- Jazz, Hip-hop, Contemporary and Ballet taught

ADVANCED DANCE

- Previous dance experience needed
- Maximum of 8 dances in the dance show
- Jazz, Hip-hop, Contemporary, Ballet, Tap, and Modern taught



* indicates classes with no prior experience necessary

FOREIGN LANGUAGE ELECTIVES

FRENCH 1-2*

- Students will learn to speak, write and comprehend basic French.
- There are lot similarities to Spanish, so French is a good choice for Spanish speakers who want to learn a new language.
- If you would like to earn college credit, take French your freshmen year to take advantage of dual enrollment and AP programs.



FRENCH 3-4

- A continuation of 1-2 with a focus on speaking and writing
- We will learn fun topics such as food, sports, animals and entertainment

HONORS FRENCH

- Focus on culture and comparing US culture to the French-speaking world.
- Can take this course for 8 college credits through the dual enrollment program
- Course counts towards the Honors Diploma

AP FRENCH

- Continued focus on written, spoken and comprehension of French with a strong emphasis on culture
- This course can be taken for 8 more college credits through the dual enrollment program
- College credit can be earned with the AP exam up to 14 credits, counts towards Honors Diploma

GERMAN 1-2*

- German is a great language for kids who like technology and math!
- German has a lot in common English but pronounced differently.
- In the first year, we learn to speak in the present tense about ourselves and our surroundings.



GERMAN 3-4

- The second year of German is where we learn to talk about the past.
- We learn about events in history like the fall of the Berlin Wall, as well as the geography of this beautiful country.
- We become better writers and speakers of German, combining the present and past tenses to talk about ourselves and others.

HONORS GERMAN

- Honors German concentrates our focus on written German.
- We learn to compare two cultures like Germany or Austria vs. the United States customs and culture.
- Students on the path to the AP course will benefit from units designed to meet two of the five themes tested on the AP exam.

AP GERMAN

- AP is a continuation and culmination of the three prior years of study.
- AP students can take college credit with them by scoring well on any AP exam.
- AP students will still speak, read, write and understand German very well by the end of four years of study.

* indicates classes with no prior experience necessary

FOREIGN LANGUAGE ELECTIVES CONT'D



SPANISH 1-2*

- Students will learn basic communication in Spanish
- Focus on speaking, reading and writing in Spanish
- This is a class for students who have little to no experience in Spanish

SPANISH 3-4

- This class is a continuation 1-2
- Expands upon the student's proficiency skills of speaking, writing, reading, and listening with emphasis on describing personal activities in the simple past

HERITAGE SPANISH

- This course is designed for the native Spanish speakers
- Course content will emphasize increasing student literacy in Spanish through the use of academic vocabulary, the study of grammar, and extensive reading and writing in Spanish

HONORS SPANISH

- This is an honors level class for students who have earned an A or B in Spanish 1-2 and 3-4, course counts towards the Honors Diploma
- Dual Enrollment is available for seniors,
- Students will focus on reading, writing, listening and speaking at an intermediate level

AP SPANISH

- Designed to prepare students to pass the College Board's Advanced Placement examination which may grant college credit from most colleges and universities
- Focuses on Spanish language
- Course counts towards the Honors Diploma

AP SPANISH LITERATURE

- Designed to prepare students to pass the College Board's Advanced Placement examination which may grant college credit from most colleges and universities
- Focuses on Spanish literature
- Course counts towards the Honors Diploma



* indicates classes with no prior experience necessary

PHYSICAL EDUCATION/ OTHER ELECTIVES

ADVANCED PE (BOYS/GIRLS)

- Stay in shape
- Enjoy playing various competitive sports



SYSTEMATIC CONDITIONING (SYSTOS)

- Weightlifting
- Work out hard and stay in shape
- Great environment to learn new weight lifting techniques

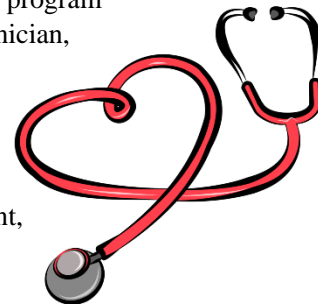


MEDIA SERVICES

- Students will learn the skills necessary for an entry level position in a public or university library system.
- Skills: library organization, computer skills, software skills, shelving, customer service, circulation desk basics, digital library management, book processing & repair, marketing

HCE (HEALTH CAREER EDUCATION)

- Introduces students to a variety of careers and professional roles within healthcare. The program specifically focuses on the scope and practice of the nursing assistant, patient care technician, wellness coach and medical assistant.
- Students will be given the opportunity to develop competency in clinical entry level skills and procedures by completing clinical rotations at a local, partnering hospital and nursing home.
- Students have the opportunity to become a Certified Nurses Assistant, Medical Assistant, Phlebotomy Technician, EKG Technician, Patient Care Technician



WEST-MEC CAREER AND TECHNICAL PROGRAMS (11 -12 GRADE)

www.west-mec.org



* indicates classes with no prior experience necessary