

COURSE OFFERING AND DESCRIPTION
GUIDE FOR
ESTRELLA FOOTHILLS HIGH SCHOOL
2014 – 2015



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Estrella Foothills High School is proud to be designated an
A+ School of Excellence
by the Arizona Educational Foundation

CAREER & TECHNICAL EDUCATION

Students are motivated to learn through the Career and Technical Education (CTE) instructional delivery system that focuses on relevant classroom and interactive laboratory instruction. Students also participate in personal and leadership development through Career and Technical Student Organizations (CTSOs) for their specific program area. In addition, business and community partners contribute through advisory committees and work-based learning opportunities for CTE students.

CTE is for all students, regardless of their plans after high school.

A variety of CTE programs are offered that will help fit the needs of any Career Pathway a student may be interested in whether they plan to attend a university, community college, or technical school, or work immediately after high school.

All programs are career focused where students are preparing for immediate employment and further education in the career field.

ELECTIVE COURSES

CTE INTERNSHIP

Sr	1 sem	1	N
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Prerequisite: Successful completion or concurrent enrollment with the final course in any CTE program. CTE Internship may be taken both semesters of the senior year.

ALLIED HEALTH SERVICES/HOSA

- Work as part of a team with a Certified Athletic Trainer to assist with event and practice setup and injury management
- Use professional equipment and techniques to assist with injury treatment, prevention, and rehabilitation
- Assess an individual's overall fitness, endurance, and nutritional status to develop a personal-improvement plan
- Experience leadership opportunities and competition through HOSA
- Certifications – CPR; prepared for National Academy of Sports Medicine Certified Trainer test
- CTE Internship may be taken by seniors who have completed or who are enrolled in Sports Medicine Internship.

** Students will be required to participate outside of school hours, including some Saturdays, for all courses in this program. Transportation to and from campus for these events is not provided by the district.*

SPORTS MEDICINE FUNDAMENTALS

So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

SPORTS MEDICINE APPLICATIONS

So, J, Sr	1 sem	1	N
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Prerequisite: Sports Medicine Fundamentals

Special Requirements: Fee Required. Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay partial tuition and fees for that option.

SPORTS MEDICINE INTERNSHIP

J, Sr	1 sem	1	N
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Prerequisite: Sports Medicine Applications

Special Requirements: Fee Required. This course may be repeated for credit.

BUSINESS MANAGEMENT AND ADMISTRATIVE SERVICES/FBLA

- Experience the world of being a boss!
- Develop real-world communication, technology, and leadership skills to prepare you for the world of work, no matter what career field you want to pursue
- Make management decisions operating the student store
- Network with business professionals and other business students locally and across the state and country through FBLA
- Explore a variety of careers such as management, accounting, finance, marketing, advertising, product development, and entrepreneurship
- CTE Internship may be taken by seniors who have completed or are enrolled in Advanced Business Services.

INTRODUCTION TO BUSINESS

F, So, J, Sr	1 sem	1	Y
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BASIC BUSINESS SERVICES

So, J, Sr	1 sem	1	N
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Prerequisite: Introduction to Business or Business Fundamentals

Special Requirements: Fee Required.

ADVANCED BUSINESS SERVICES

So, J, Sr	1 sem	1	N
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Prerequisite: Basic Business Services

Special Requirements: Fee Required. This course may be repeated for credit.

COMMUNICATION MEDIA TECHNOLOGIES/SkillsUSA

Multimedia Broadcasting

- Produce videos for sporting events, news magazines, commercials, short films, and senior videos as part of a professional broadcast team
- Utilize creative and artistic talents using professional equipment and media to exceed client expectations
- Work as a sideline reporter, news anchor, camera operator, video editor, and filmmaker
- Experience leadership opportunities and competition through SkillsUSA and travel to major NCAA sporting events, future college options, and professional television stations
- CTE Internship may be taken by seniors who have completed or who are enrolled in Multimedia Broadcast Internship

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INTRODUCTION TO MULTIMEDIA BROADCASTING

So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

ADVANCED MULTIMEDIA BROADCASTING

So, J, Sr	1 sem	1	N
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Prerequisite: Introduction to Broadcast Media or Introduction to Multimedia Broadcasting

Special Requirements: Fee Required.

MULTIMEDIA BROADCAST INTERNSHIP

J, Sr	1 sem	1	N
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Prerequisite: Advanced Broadcast Media or Advance Multimedia Broadcasting

Special Requirements: Fee Required. This course may be repeated for credit.

Multimedia Journalism

- Develop communication skills while reporting stories for *The Pack Press* student newspaper
- Create photo essays and photo-graphic designs utilizing Adobe software for real-world applications
- Design pages and layouts for the newspaper and *The Odyssey* yearbook to record the first draft of history for EFHS
- Experience leadership opportunities and competition through SkillsUSA
- CTE Internship may be taken by seniors who have completed or who are enrolled in Multimedia Journalism III

** Students will be required to participate outside of school hours, including some Saturdays, for all courses in this program. Transportation to and from campus for these events is not provided by the district.*

MULTIMEDIA JOURNALISM I

F, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

MULTIMEDIA JOURNALISM II

So, J, Sr	1 sem	1	N
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Prerequisite: Multimedia Journalism I
 Special Requirements: Fee Required.

MULTIMEDIA JOURNALISM III

J, Sr	1 sem	1	N
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Prerequisite: Multimedia Journalism II
 Special Requirements: Fee Required. This course may be repeated for credit.

Digital Photography

- Work with clients as a professional photographer to produce images meeting client needs
- Utilize professional-grade cameras, lighting, backgrounds, and software in photographic pursuits
- Work as a photographer for school publications – yearbook and newspaper
- Experience leadership opportunities and competition through SkillsUSA
- CTE Internship may be taken by seniors who have completed or who are enrolled in Advanced Photo Imaging

** Students will be required to participate outside of school hours, including some Saturdays, for all courses in this program. Transportation to and from campus for these events is not provided by the district.*

INTRODUCTION TO PHOTOGRAPHY

F, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

BASIC PHOTO IMAGING

So, J, Sr	1 sem	1	N
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Prerequisites: Introduction to Photography

Special Requirements: Fee Required.

ADVANCED PHOTO IMAGING

So, J, Sr	1 sem	1	N
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Prerequisites: Basic Photo Imaging

Special Requirements: Fee Required. This course may be repeated for credit.

CULINARY ARTS/SkillsUSA

- Create and design the latest gourmet cuisine for the ultimate dining experience
- Manage a professional kitchen using advanced culinary and food service industry techniques
- Join the elite catering team and manage the campus café
- Experience leadership opportunities and competitions through SkillsUSA
- Earn a food handler's card required for employment in the food industry
- CTE Internship may be taken by seniors who have completed or who are enrolled in Advance Culinary Arts

** Students will be required to participate in exciting food and beverage activities like catering events and community service throughout the program. Transportation to and from campus for these events is not provided by the district.*

INTRODUCTION TO CULINARY ARTS

F, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required. Proper lab attire is required.

BASIC CULINARY ARTS

So, J, Sr	1 sem	1	N
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Prerequisites: Introduction to Culinary

Special Requirements: Fee Required. Proper lab attire is required. Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay partial tuition and fees for that option.

ADVANCED CULINARY ARTS

J, Sr	1 sem	1	N
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Prerequisites: Basic Culinary Arts

Special Requirements: Fee Required. Proper lab attire is required. Dual enrollment credit, through the Maricopa Community College District, may be offered to students who take this course. The student must pay partial tuition and fees for that option. This course may be repeated for credit.

DRAFTING AND DESIGN TECHNOLOGIES/SkillsUSA

- Use your imagination to create structural designs including custom homes, buildings, and new products
- Operate the same state-of-the-art computer-aided drafting software utilized by professionals in industry today
- Produce and assess layouts and blueprints using the same technology used by architects and engineers
- Experience leadership opportunities and competition through SkillsUSA
- The program culminates with a CAD Certification Prep class that prepares students for the AutoCAD certification exam. Students in this class are encouraged to develop relationships with professionals in the drafting and architecture fields through job shadowing and internship experiences.
- CTE Internship may be taken by seniors who have completed or who are enrolled in CAD Certification Prep.

BASIC DRAFTING

F, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

ARCHITECTURAL DRAFTING

So, J, Sr	1 Sem	1	N
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Prerequisites: Basic Drafting

Special Requirements: Fee Required. This course may be repeated for credit.

CAD Certification Prep

J, Sr	1 Sem	1	N
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Prerequisites: Architectural Drafting

Special Requirements: Fee Required. This course may be repeated for credit.

PRECISION MANUFACTURING/SkillsUSA

- Design and fabricate metal products operating the same machines utilized by professionals including CNC laser engraver, vertical mill and industry-standard CNC milling machine
- Create projects employing basic engineering principles
- Troubleshoot, maintain, and repair state-of-the-art equipment
- Experience leadership opportunities and competition through SkillsUSA
- CTE Internship may be taken by seniors who have completed or who are enrolled in Metals Manufacturing

FUNDAMENTALS OF PRECISION MANUFACTURING

Fr, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

APPLICATIONS OF PRECISION MANUFACTURING

So, J, Sr	1 sem	1	N
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Prerequisites: Fundamentals of Precision Manufacturing

Special Requirements: Fee Required.

METALS MANUFACTURING

So, J, Sr	1 sem	1	N
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Prerequisites: Applications of Precision Manufacturing

Special Requirements: Fee Required. This course may be repeated for credit.

TECHNICAL THEATRE/SkillsUSA

- Train on, control, and utilize state-of-the-art technical-theatre industry equipment in lighting, sound, set, props, and costuming
- Participate in various types of fine arts events and performances as staff, crew, crew chiefs, or designers
- Experience leadership opportunities and competition through SkillsUSA and AZ Thespians
- CTE Internship may be taken by seniors who have completed or who are enrolled in Technical Theatre Internship

** Students will be required to participate outside of school hours, including some Saturdays, for all courses in this program. Transportation to and from campus for these events is not provided by the district.*

TECHNICAL THEATRE

F, So, J, Sr	1 sem	1	Y
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Special Requirements: Fee Required.

ADVANCED TECHNICAL THEATRE

So, J, Sr	1 sem	1	Y
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Prerequisite: Technical Theatre

Special Requirements: Fee Required.

TECHNICAL THEATRE INTERNSHIP

J, Sr	1 sem	1	Y
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Prerequisite: Advanced Technical Theatre

Special Requirements: Fee Required. This course may be repeated for credit.

OFF CAMPUS CTE PROGRAMS

Buckeye Union High School District is a member of West-MEC, a joint technical education district. The following central programs are provided through partnerships with West-MEC and other outside institutions.

Students must meet special entrance requirements, provide their own transportation, and pay the fees associated with the specific program in which they enroll. For more information, go to www.west-mec.org. Students interested should see their Guidance Counselor.

AUTOMOTIVE TECHNOLOGY

J, Sr

This two-year program teaches students all aspects of automotive repair and maintenance including engine performance, engine repair, brakes, steering, suspension, alignment, and electrical systems.

The program meets two and a half hours per day, Monday through Friday, at 6501 W. Sweetwater Ave. in Glendale. During the program, students earn up to 6 high school credits. Upon completion, and being age 18, a student may take the ASE Certification Exam.

AVIATION TECHNOLOGY

J,Sr

The Aviation program is a two-year program. The program curriculum includes content in the repair and maintenance of aircraft including the following: electricity, turbine and reciprocating engines, aircraft finishes, sheet metal, welding, landing gears, hydraulics, propellers, and much more.

The program meets four and a half hours per day, Monday through Friday, at Glendale Airport (corner of Glendale Ave. and Glen Harbor Blvd). The program will also meet for sixty-two days spread over two summers to meet the 1944 hours of required FAA instruction. During the program, students earn up to 12 high school credits. Upon completion, and being age 18, a student may take the final exam for certification known as the Aviation Maintenance Technician exam.

AVIONICS

J, Sr

This two-year program is designed to educate students on electronics within the aviation industry. Students will learn avionics installation, troubleshooting, system integration and avionics operating systems, including GPS systems, autopilot, communication systems, and weather radar.

The program meets two and a half hours per day, Monday through Friday, at Glendale Airport (corner of Glendale Ave. and Glen Harbor Blvd). During the program, students earn up to 6 high school credits. Upon completion, and being age 18, a student may take the final exam for certification known as the General Radiotelephone Operator License.

COSMETOLOGY

J,Sr

The cosmetology program is a two-year program that teaches students techniques in hair, skin, and nail care in preparation for licensure and entrance into the workforce.

The program meets four hours per day, Monday through Friday, and will include some Saturday classes and summer training hours in order to meet state requirements for licensure. Courses are held at the Cutting Edge Academy located at 7565 W. Peoria Ave., Peoria, AZ 85345 (75th Ave. & Peoria). During the program, students earn up to 12 high school credits. Upon completion of the program, students may test to receive cosmetology license from the Arizona Board of Cosmetology.

EMERGENCY MEDICAL TECHNICIAN

Sr

The EMT program is a one semester program designed to teach techniques of emergency medication care in accordance with state and national curriculum.

The program meets three days per week for a total of ten hours per week at one of the following locations: Glendale Community College Main, Glendale Community College North, and the Southwest Skill Center at Estrella Mountain Community College. During the program, students earn up to one high school credit. Community college credit is awarded when courses are completed and passed. Upon completion, students who are 18 years or age or older may take the National Registry Exam to receive EMT certification.

FIRE SCIENCE

Sr

The Fire Science program curriculum includes content in fire protection, fire suppression, hazardous materials, and first responder. It culminates with a capstone project class that is organized and tailored around the interests and needs of the individual student.

The program meets two days per week, for a total of six hours per week, at Glendale Community College Main, 6000 West Olive Ave., Glendale, 85302. During the program, students earn up to one high school credit. Community college credit is awarded when courses are completed and passed.

MEDIUM HEAVY DIESEL TECHNOLOGY

J, Sr

This two-year program teaches students the maintenance and repair of diesel engines, brakes, suspension and steering, electrical components and hydraulics.

The program meets two and a half hours per day, Monday through Friday, at the Freightliner, Sterling and Western Star of Arizona facility located at 9600 W. Roosevelt St., Tolleson, AZ 85353 (99th Ave. & Loop 101). The program also includes a summer work internship between the junior and senior years. During the program, students earn up to 6 high school credits. Upon completion of the program, students may take the ASE Certification Exam.

COLLEGE AND CAREER PREPARATION

The CCP program at EFHS has been recognized by the Arizona Educational Foundation as an A+ Exemplary program. These courses are designed to be taken at particular points in a student's high school progression to prepare them for success in high school and in post-secondary pursuits.

COURSES

COLLEGE/CAREER PREP I

F	1 sem	1	N
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This course is a required elective for freshmen. The focus of this course is to aid students in their transition to high school. Student will learn study skills, Cornell note-taking, time management, basic computer skills, presentation skills, resume writing, and be introduced to career exploration. Students will participate in career inventories to identify interests and aptitudes. Introduction to basic understanding of finances will be covered. Students will also develop four-year plans, explore high school course options, and receive an overview of preparation for college.

COLLEGE/CAREER PREP III

J	1 sem	1	N
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This is a required elective for juniors. The purpose of this course is to aid students in the transition from high school to college and post-secondary life. The first half of the semester students will go into an in-depth exploration of college, military, tech, and trade schools including: the application process, ACT/SAT test preparation, scholarship searches, Federal Financial Aid (FAFSA), letters of recommendation, and a continuation of career and personal inventories. The second half of the semester will cover career prep including: career exploration, job searches, resume writing, practice interviews, personal finance, understanding pay checks, budgets, taxes, credit cards, credit scores, savings accounts, retirement savings (401K, 403B, ROTH, Annuities) and life insurance.

ASSISTANTSHIPS

LIBRARY ASSISTANT

Sr	1 sem	1	N
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This is designed to be an occupational interest class with all students assisting in the routine tasks of the library. It is of particular value to the student who is considering a career as a media center specialist/librarian.

Prerequisites: Department Approval

OFFICE ASSISTANT

Sr	1 sem	1	N
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This is designed to be an occupational interest class with all students assisting in the routine tasks of the office. It is of particular value to the student who may be considering administrative office jobs.

Prerequisites: Counselor and Administrative Approval

TEACHER ASSISTANT

Sr	1 sem	1	N
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This is designed to be an occupational interest class with all students assisting in the routine tasks of a teacher. It is of particular value to the student who is considering a career as a teacher.

Prerequisites: Teacher Approval

HOME

Sr	1 sem	0	N
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Seniors who have sufficient credits for graduation and parent permission may have one (1) period per semester free. This is a non-credit option.