

BUCHANAN

CTE PATHWAYS



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Arts, Media, and Entertainment

Design, Visual, and Media Arts

Introduction to Digital Photography

Digital Photography

ROP Digital Photography

Introduction to Digital Photography AB (P)

Next class in Pathway: *Digital Photography* Course# 77F09.CTE

This is an introduction course to digital photography. Topics include digital camera operations, lighting technique, aesthetics, Photoshop, Light-room, and portfolio development. This course will also cover art history topics to include a brief history of photography, contemporary photography, and commercial photographers. Students will explore exposure systems using aperture, shutter speed, and ISO combinations. Digital cameras with adjustable f-stops and shutter speeds, memory cards, and re-writable memory devices (SD cards and flash drives) will be used.

Prerequisites: None

Grade Levels: 10-11; 9th approved by instructor

Duration: Year Course

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: *Unitrak MCJ17 CSU Fresno*

Certification: None

Digital Photography II

Next class in Pathway: *None*

Course# 77F01.CTE

This course has an emphasis in Adobe Photoshop in association with Digital Photography. This course builds on what students previously learned in Introduction to Digital Photography. It continues with the same workflow, but with more instruction on using Photoshop and developing relationships with a client. Topics include setting project requirements, identifying design elements when preparing images, understanding Photoshop, manipulating images using adobe Photoshop, publishing images using Photoshop, and portfolio development. It also includes enrichment through exploring contemporary photography. Digital cameras with adjustable f-stops and shutter speeds, memory cards, and re-writable memory devices may be used.

Prerequisites: *Introduction to Digital Photography*

Grade Levels: 11-12

Duration: Year Course

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: None

Certification: *Adobe Photoshop*

Digital Photography (P) ROP

Capstone

Course # R7F06

Students will develop a portfolio of artistic endeavours along with creating work in cooperation with an individual to produce commercial photography. Students will learn about digital photography, post production editing software, and client relationships. Students will develop skills in photography, creativity, critical thinking, and job skills.

Prerequisites: None

Grade Levels: 10-12

Duration: Year Course, ROP

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: No

Certification: *Adobe Photoshop*

PHOTO 1
(Not CTE)

Photography 1 AB (P)

Next class in Pathway: *Not a CTE Pathway,*

Course # 78311

This course covers the basic skills for successful camera operation as well as black/white darkroom techniques. Students will be introduced to digital cameras and computer manipulation of images. The course topics stress the technical and aesthetic fundamentals of quality image-making and the historical development and influence of the medium.

Prerequisites: None

Grade Levels: 12; Senior Art Class

Duration: Year Course

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: None

Certification: None



Arts, Media, and Entertainment

Design, Visual, and Media Arts

ROP Journalism & Publishing

ROP Publishing Management

<p>ROP Journalism & Publishing (P)</p> <p><i>Next class in Pathway: Capstone</i></p> <p>Course # R3004</p> <p>Through this course, students demonstrate their skills in the art of writing and production. All forms of journalistic writing and layout design are covered to produce student publications. A major project for the students is to design, publish, and market the Buchanan High School yearbook. This class is paired with English 11 or 12.</p>	<p>Prerequisites: <i>Recommended Introduction to Digital Photography, Teacher approval – This class is for BHS students only</i></p> <p>Grade Levels: 11-12</p> <p>Duration: Year Course</p> <p>UC/CSU: N/A</p> <p>Dual Enrollment: Unitrak MCJ 2</p>
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<p>ROP Publishing Management</p> <p><i>Next class in Pathway: Capstone</i></p> <p>Course # R9079</p> <p>Through this course, students will demonstrate their advanced skills in the art of writing and managing a publication. Newspaper, magazine, and anthology styles of journalistic writing and graphic design will be covered to produce student publications.</p>	<p>Prerequisites: <i>Prior enrollment in Journalism & Publishing. Teacher approval – This class is for BHS students only</i></p> <p>Grade Levels: 12</p> <p>Duration: Year Course</p> <p>UC/CSU: N/A</p>
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Arts, Media, and Entertainment

Production and Managerial Arts

Videography 1

Digital Film Making

ROP
Videography & Multimedia

Videography 1 AB (P)

Next class in Pathway: Digital Film Making Course # 77G01.CTE

Videography I is an introductory class that emphasizes and develops critical thinking skills by exploring the influence of design principles, historically significant Art forms from various genres, and the production process of films and television programming. Students will analyze a variety of film and television programming as they learn to critique Artists' work. Students will learn to use the technology available to produce and edit various forms of multimedia communications, including video cameras, lights, sound equipment, and industry-standard computer software. Communication and interpersonal skills, problem solving, and safety are emphasized throughout the curriculum.

Prerequisites: None

Grade Levels: 9-10

Duration: Year Course

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: None

Certification: None

Digital Film Making (P)

Next class in Pathway: Videography & Multimedia Communications Course #77508.CTE

Studies include the artistry and technical elements of filmmaking. Students will be introduced to the theory of films and filmmaking and be expected, in writing, to analyze, describe and breakdown the elements of a shot, a scene, and sequence.

Prerequisites: Recommended Videography

Grade Levels: 10-12

Duration: Year Course

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: None

Certification: None

Videography & Multimedia Communications

Capstone

*Course#(even) R7F01.CTE
(odd) R7301.CTE*

This course provides training in videography, 3D graphics and animation and interactive multimedia production. Special attention will be given to the use of Autodesk's 3D Studio, MetaCreations, Bryce 3D; Macromedia's Director; MovieWorks; Adobe Premier; and Ulead's Media Studio Pro. Integrated throughout the course are career preparation standards which include communication skills, interpersonal skills, problem solving, safety, technology, and other employment skills.

Prerequisites: None

Grade Levels: 11-12

Duration: Year Course, ROP

UC/CSU: Meets UC A-G "F" Requirement

Dual Enrollment: Unitrak MCJ15 CSU Fresno

Certification: Adobe Premiere



Engineering and Architecture

Engineering Design



<p>Introduction to Design (P) PLTW</p> <p><i>Next class in Pathway: Honors Principles of Engineering</i> <i>Course #37F02.CTE</i> <i>Recommend: CTE Chemistry or Honor Chemistry</i></p> <p>The course is an in-depth, project-based course that concentrates on principles of visual design and the design process. Projects focus on design factors such as aesthetics, format, geometric shape and form, perspective drawing, scale, proportion, and presentation techniques. Students use computers as a medium/tool for the design of project components such as sketching techniques, orthographic drawing, and 3D modeling and rendering.</p>	<p>Prerequisites: 9th - Honors Math 8 or Concurrently enrolled in Math 2 or higher 10th - A or B in Math 1 & Concurrently enrolled in Math 2 or higher</p> <p>Grade Levels: 9-10</p> <p>Duration: Year Course</p> <p>UC/CSU: Meets UC A-G "F" Requirement</p>
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<p>Honors Principles of Engineering (HP)</p> <p><i>Next class in Pathway: Honors Engineering Design & Development</i> <i>Course#53G04.CTE</i></p> <p>Principles of Engineering (POE) is a foundation course of the high school engineering pathway. This survey course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.</p>	<p>Prerequisites: 10th or 11th A or B in Math 2 & Concurrently Enrolled in Math 3 or Higher</p> <p>Recommend: CTE Chemistry or Honor Chemistry</p> <p>Grade Levels: 10-12</p> <p>Duration: Year Course</p> <p>UC/CSU: Meets UC A-G "G" UC Honors Requirement</p>
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<p>Honors Engineering Design & Development (HP)</p> <p>Capstone <i>Course #35G05.CTE</i></p> <p>The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, ready to take on any post-secondary program or career.</p>	<p>Prerequisites: 11-12: A or B in Math 3 & Concurrently enrolled in Calculus AB/BC or higher</p> <p>All: C or Better in Introduction to Design & C or Better in Honors Principles of Engineering</p> <p>Grade Levels: 10-12</p> <p>Duration: Year Course</p> <p>UC/CSU: Meets UC A-G "G" UC Honors Requirement</p> <p>Dual Enrollment: No</p> <p>Certification: None</p>
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Energy, Environment, and Utilities

Environmental Resources Pathway

Chemistry & Environmental Engineering: Water

Environmental Sustainability

AP Environmental Science

Chemistry/ Environmental Engineering – Water (P)

Next class in Pathway: Environmental Sustainability Course # 55D20.CTE

Studies include the resolution to environmental engineering problems related to water and its interactions with the environment. Students will use a systems-based approach to understand that all environmental systems consist of matter and will apply this knowledge to solving current and future global water issues.

*Prerequisites: Math 1
Biology*

Grade Levels: 10-11

Duration: Year Course

UC/CSU: Meets UC A-G “D” Requirement

Environmental Sustainability (P)

Next class in Pathway: AP Environmental Science Course #55G05.CTE

Honors Environmental Sustainability (ES) is a high school-level specialization course in PLTW Engineering. In Honors ES, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions.

Utilizing the activity-, project-, problem-based (APB) teaching and learning pedagogy.

*Prerequisites:
Biology and Math I*

Grade Levels: 10-12

Duration: Year Course

UC/CSU: Meets UC A-G “D” Requirement

AP Environmental Science AB (HP)

Capstone

Course # 55728.CTE

The AP Environmental Science course, allows students to engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Prerequisites: Biology, Chemistry, Math 1 & Math 2.

Grade Levels: 10-12

Duration: Year Course

UC/CSU: Meets UC A-G “D” UC Honors Requirement

Dual Enrollment: No

Certification: OSHA



Education, Child Development, and Family Services

Education Pathway



<p>Exploration of Child and Adolescent Literature (HP) <i>Next class in Pathway: Contemporary Issues in Education Course # 22B10.CTE</i></p> <p>Exploration of Child and Adolescent Literature is a grade 10 English Language Arts college preparatory course integrated with the Education Pathway standards. This course allows students to utilize Language Arts skills to investigate and evaluate the value and purpose of world literature for children and adolescents. Students synthesize their knowledge of the developmental stages of physical, intellectual, social, and emotional (PIES) development with their understanding of appropriate teaching materials and readings for each of the stages (will be addressed in each unit).</p>	<p><i>Prerequisites: B or higher in English 9, C or higher in Honors English 9, or recommendation by teacher pathway instructor</i></p> <p>Grade Levels: 10 Duration: Year Course <i>UC/CSU: Meets UC A-G "B" Requirement – Honors Course</i></p>
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<p>Contemporary Issues in Education (HP) <i>Next class in Pathway: ROP Careers in Education Course # 22B11.CTE</i></p> <p>Contemporary Issues in Education is a college preparatory eleventh grade English course integrated with the Education pathway standards of the Education, Child Development, and Family Services sector, which allows students to see where the skills of English intersect with the elements of education. Students conduct research, closely read and analyze complex texts, evaluate instructional methodology and philosophy, and create a portfolio of reflections, activities, and compositions that, when synthesized, serve as the foundation for three capstone projects.</p>	<p><i>Prerequisites: Grade of "B" or higher in either the Children's Lit. class or Honors English 10 or regular English 10.</i></p> <p>Grade Levels: 11 Duration: Year Course <i>UC/CSU: Meets UC A-G "B" Requirement – Honors Course</i></p>
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<p>ROP Careers in Education (P) Capstone <i>Course # R9046</i></p> <p>This course focused on the nature and scope of the school system, the duties and opportunities of the professional teacher, factors relative to success in teaching, and credentialing requirements. Students take the CBEST test and have an opportunity to observe and work in CUSD elementary schools. This course includes ten English 11 or 12 credits and ten elective credits for Education Careers. Both the Common Core and Career Technical Education standards serve as a curricular framework for the course.</p>	<p><i>Prerequisites: Grade of "B" or better in English 10 or English 11 or pathway courses. Excellent attendance and behavior records in previous grade levels required.</i></p> <p>Grade Levels: 11-12 Duration: Year Course <i>UC/CSU: Meets UC A-G "G" Requirement</i> Dual Enrollment: Education 10 Clovis Community; EHD 40 CSU Fresno Certification: CBEST; Paraprofessional Test</p>
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Hospitality, Tourism, and Recreation

Food Services and Hospitality Pathway



<p>Food Science and Nutrition (P) <i>Next class in Pathway: ROP Culinary Arts</i> <i>Course # 33G11.CTE</i></p> <p>Studies include an introduction to basic terms, safety, recipes, measurement and nutrition. Areas of emphasis include fruits and vegetables, milk and dairy products, breads, desserts and meat preparation.</p>	<p><i>Prerequisites: None</i></p> <p><i>Grade Levels: 9-12</i></p> <p><i>Duration: Year Course</i></p> <p><i>UC/CSU: Meets UC A-G "G" Requirement</i></p> <p><i>Certification: ServSafe Food Handler</i></p>
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<p>ROP Culinary Arts (P) <i>Next class in Pathway: ROP Culinary Arts & Hospitality Management/ Capstone</i> <i>Course # R3017</i></p> <p>Studies include the exploration of the food industry that employs over 20 million people. Recipe development, meal planning, and preparation, culinary fundamentals, ingredients, nutrition, and presentation.</p>	<p><i>Prerequisites: Food Science and Nutrition</i></p> <p><i>Grade Levels: 11-12</i></p> <p><i>Duration: Year Course</i></p> <p><i>UC/CSU: N/A</i></p> <p><i>Dual Enrollment: None</i></p> <p><i>Certification: ServSafe Food Handler, ServSafe Manager, and Hospitality</i></p>
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<p>ROP Culinary Arts & Hospitality Management (P) <i>Capstone</i> <i>Course # R3905</i></p> <p>In this course, students will expand their study of Culinary Arts and explore Hospitality Management. Students will learn and apply knowledge through standards and project-based curriculum, both in the lab/class setting and in a working food service kitchen.</p>	<p><i>Prerequisites: Food Science and Nutrition (P), ROP Culinary Arts</i></p> <p><i>Grade Levels: 11-12</i></p> <p><i>Duration: Year Course</i></p> <p><i>UC/CSU: N/A</i></p> <p><i>Dual Enrollment: None</i></p> <p><i>Certification: Certification: ServSafe Food Handler, ServSafe Manager, and Hospitality</i></p>
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Health Science and Medical Technology

Patient Care

Medical Health Careers

BHS, CHS

Medical Health Careers (P)

Concentrator

Course # 33G17.CTE

This course is designed to allow students to explore careers in the medical health career arena with a focus on knowledge and skills required for entry level employment. Students will be introduced to health care with an emphasis on core skills and knowledge applicable to a variety of the health professions.

Prerequisites: Successful completion of Biology with a "C" grade or higher or concurrent enrollment in Biology

Grade Levels: 10-12

Duration: Year Course

UC/CSU: Meets UC A-G "G" Requirement

Dual Enrollment: None

Certification: NFHS Heat Illness, American Red Cross Adult and Pediatric CPR/AED First Aid

ROP Sports Medicine/ Fitness

BHS

ROP Sports Medicine/Fitness (P)

Capstone

Course # R5045

This course will allow students to gain practical experience learning to work in physical therapy, fitness and athletic training settings. The course empowers the student with the healing and conditioning process resulting from methods used in physical therapy and physical conditioning of the human body.

Prerequisites: Completion of Biology with a grade of "C" or higher; Must have transportation for Spring Semester

Grade Levels: 11-12

Duration: Year Course

UC/CSU: Meets UC A-G "G" Requirement

Dual Enrollment: Fresno State; Kinesiology 38

Certification: OSHA, American Red Cross CPR/First Aid/AED, Concussion for Sport, Concussion, Heat Illness (NFHS)



Health Science and Medical Technology

Patient Care

Rehabilitation Therapy Careers

CNHS

ROP Rehabilitation Therapy Careers (P)

Capstone

Course # R5045

This course will allow students to gain practical experience learning to work in physical therapy, fitness and athletic training settings. The course empowers the student with the healing and conditioning process resulting from methods used in physical therapy and physical conditioning of the human body.

Prerequisites: Completion of Biology with a grade of "C" or higher; Must have transportation for Spring Semester

*Grade Levels: 11-12
Duration: Year Course
UC/CSU: NA
Dual Enrollment: none
Certification: None*

Allied Health & Medical Wellness

CNHS

ROP Allied Health & Medical Wellness (P)

Capstone

Course # R3G04

This course will explore the many facets of public and medical health. Content will relate to individuals, community, careers, and institutions directly involved with health and wellness issues. Students will explore the domains of health including psychosocial, physical, environmental elements and the impact of a person's wellness.

Prerequisites: Math I, Math II, Biology, English 10 and maintain an overall GPA of 2.5 or higher

*Grade Levels: 11-12
Duration: Year Course
UC/CSU: Meets UC A-G "G" Requirement
Dual Enrollment: Clovis; Medical Terminology
Certification: OSHA, CPR/First Aid/AED, Concussion (NFHS)*



Health Science and Medical Technology

Patient Care

Medical Careers

CNHS & CEHS

<p>ROP Medical Careers (P)</p> <p><i>Concentrator</i></p> <p>Course # R3019</p> <p>Studies include learning of transferable skills related to entry-level health occupations, exploration of career options in the health industry, and becoming knowledgeable of post-secondary educational requirements.</p>	<p><i>Prerequisites: Completion of Biology (P) with a grade of "C" or higher</i></p> <p><i>Grade Levels: 11-12</i></p> <p><i>Duration: Year Course</i></p> <p><i>UC/CSU: None</i></p> <p><i>Dual Enrollment: None</i></p> <p><i>Certification: None</i></p>
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Arts, Media, and Entertainment

Performing Arts Pathway

**Drama 1
(Not CTE)**

**Drama 2 Technical
Theater**

**Advanced Technical
Theater**

<p>Drama 1 AB (P) <i>Next class in Pathway: Drama 2 Technical Theater</i> <i>Course # 88323</i></p> <p>Drama 1AB is an introductory course designed to develop basic acting skills while providing the student with a background in theatre arts. Students in this class will perform memorized scenes from published plays and develop their own improvised scenes. Historical perspective and analysis will also be covered and students will learn to analyze and assess the aesthetic and technical properties of their own work as well as recognized artists.</p>	<p>Prerequisites: None</p> <p>Grade Levels: 9-12 Duration: Year Course UC/CSU: Meets UC A-G "F" Requirement</p>
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<p>Drama 2 Technical Theater (P) <i>Next class in Pathway: Advanced Technical Theater</i> <i>Course # 88F02.CTE</i></p> <p>The student will study and apply the principles of group dynamics and collaboration during the pre-production through post production process of Theatrical Production. This course provides instruction in the implementation of theatrical designs for sets, lights, sound, properties, costumes, and makeup.</p>	<p>Prerequisites: Drama 1 with "B" or higher, or permission of instructor</p> <p>Grade Levels: 10-12 Duration: Year Course UC/CSU: Meets UC A-G "F" Requirement</p>
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<p>Advanced Technical Theater (P) <i>Next class in Pathway: Drama 2 Technical Theater</i> <i>Course # 83F01.CTE</i></p> <p>Advanced Technical Theater is an advanced technical theater arts course designed to build upon skills learned in Drama 2 Technical Theater for students interested in becoming designers and leaders in the Technical Theater Arts world. Students will analyze a theatrical script for the purpose of constructing a design concept and statement, generating creative design documents, and collaborating with peer designers for a common production. Students will execute visual designs for sets, lights, sound, properties, costumes, and make-up in a theatrical production. Creation of a design portfolio, model and mock-up process, and peer leadership are included in this class. Students will be invited to compete in Technical Theater festivals.</p>	<p>Prerequisites: Drama 2 Technical Theater</p> <p>Grade Levels: 11-12 Duration: Year Course UC/CSU: Meets UC A-G "F" Requirement</p>
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ROP Performing Arts

CWHS

<p>ROP Performing Arts <i>Next class in Pathway: Capstone</i> <i>Course # R8010</i></p> <p>This class is a marriage of drama, music, and technology. It will prepare students for a possible career in the entertainment industry through all aspects of the production of a Broadway musical from preliminary choice of show, construction, lighting, and marketing to final accounting at the close of the run.</p>	<p>Prerequisites: Recommended Drama 2 Technical Theater with "B" or higher, or permission of instructor.</p> <p>Grade Levels: 11-12 Duration: Year Course UC/CSU: None Dual Enrollment: No Certification: None</p>
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BUCHANAN HIGH SCHOOL

DESIGN, VISUAL and MEDIA ARTS

Pathway Course

Introduction to Digital Photography (P)
Unitrak MCJ 15

Digital Photo II

ROP Digital Photography

*ROP Publishing Management w/English 12 (P)

*ROP Journalism & Publishing
w/English 11 or 12 (P)
Unitrak MCJ 2

CHILD DEVELOPMENT

Pathway Course

Exploration of Child and Adolescent Literature (HP)

*ROP Careers in Child Development
Dual Enrollment Child Dev 1

EDUCATION

Contemporary Issues in Education (HP)

*ROP Careers in Education w/
English 11 or 12 (P)
Dual Enrollment Education 10
Unitrak EHD 40

ENGINEERING DESIGN

Pathway Course

Chemistry/ Environmental Engineering – Water (P)

Introduction to Design 1,2 (P) (PLTW)

Honors Principles of Engineering (HP)

AP Computer Science Principles (HP)

Honors Computer Integrated Manufacturing (PLTW)
(HP)

Honors Engineering Design & Development (PLTW)
(HP)

ENVIRONMENTAL RESOURCES

Pathway Course

Biological Links to Energy and Environment (P)

Chemistry/ Environmental Engineering – Water (P)

Honors Environmental Sustainability (HP)

AP Environmental Science

FOOD SERVICE and HOSPITALITY

Pathway Course

Food Science and Nutrition (P)

*ROP Culinary Arts and Hospitality Management (P)

*ROP Culinary Arts (P)

PATIENT CARE

Pathway Course

Medical Health Careers (P)

*ROP Sports Medicine/Fitness (P)
Unitrak Kines 38

PERFORMING ARTS

Pathway Course

Drama 2 Technical Theater (P)

Advanced Technical Theater

PRODUCTION and MANAGERIAL ARTS

Pathway Course

Videography 1(P)

Digital Film Making (P)

*ROP Videography (P)
Unitrak MCJ 17

CLOVIS EAST HIGH SCHOOL

AGRICULTURAL MECHANICS

Pathway Course

Ag Engineering I

Dual Enrollment Mechanized AG 40

Ag Engineering II (P)

Ag Engineering III

*ROP Welding Fabrication and Application

*ROP Welding Processes and Fabrication

AGRICULTURAL SCIENCE

Pathway Course

Agricultural Science 1

Biology & Sustainable Ag (P)

Chemistry and Agriscience (P)

Food Science (P)

Adv. Inter-disciplinary Science for Sustainable Agriculture (P)

ANIMAL SCIENCE

Pathway Course

Biology & Sustainable Ag (P)

Agricultural Science 1

CDE Animal Science (P)

Dual Enrollment Animal Science 1

*ROP Veterinary Science (P)

PUBLIC SAFETY

Pathway Course

*ROP Criminal Investigation

*ROP Criminal Justice

PLANT and SOIL SCIENCE

Pathway Course

The Art and History of Floral Design (P)

Dual Enrollment Environmental Horticulture 37

Biology & Sustainable Ag (P)

Botany (P)

Plant Production Management (P)

Advanced Floral Design

CHILD DEVELOPMENT

Pathway Course

Exploration of Child and Adolescent Literature (HP)

*ROP Careers in Child Development

Dual Enrollment Child Dev 1

EDUCATION

Contemporary Issues in Education (HP)

*ROP Careers in Education w/
English 11 or 12 (P)

Dual Enrollment Education 10

EMERGENCY RESPONSE

Pathway Course

*ROP Fire Fighting Technology I

Dual Enrollment Seniors Only Fire Tech 1

*ROP Fire Fighting Technology II

Dual Enrollment Seniors Only Fire Tech 1

PATIENT CARE

Pathway Course

*ROP Medical Careers (P)

*ROP Allied Health and Medical Wellness (P)

**Dual Enrollment Medical Terminology
Unitrak Nutr 53**

CLOVIS HIGH SCHOOL

CHILD DEVELOPMENT

Pathway Course

Exploration of Child and Adolescent Literature (HP)

*ROP Careers in Child Development

Dual Enrollment Child Dev 1

DESIGN, VISUAL, AND MEDIA ARTS

Pathway Course

Introduction to Digital Photography (P)

EDUCATION

Contemporary Issues in Education (HP)

*ROP Careers in Education w/
English 11 or 12 (P)

Dual Enrollment Education 10

RESIDENTIAL and COMMERCIAL CONSTRUCTION

Pathway Course

Fundamentals of Carpentry

Basic Metal Manufacturing

Dual Enrollment Welding 1

Construction Technology 1 – Introduction

*Building Trades Internship

Building Information Modeling (P)

*Building Scaled Structures (P)

*ROP Electrical Systems – Sound and Communication

SYSTEMS DIAGNOSTICS, SERVICE, and REPAIR

Pathway Course

Basic Auto

Auto 2

Auto 3

*ROP Engine Technology

Dual Enrollment Auto Tech 9

CLOVIS NORTH HIGH SCHOOL

CHILD DEVELOPMENT

Pathway Course

Exploration of Child and Adolescent Literature (HP)

*ROP Careers in Child Development

Dual Enrollment Child Dev 1

EDUCATION

Contemporary Issues in Education (HP)

*ROP Careers in Education w/
English 11 or 12 (P)

Dual Enrollment Education 10

PATIENT CARE

Pathway Course

*ROP Medical Careers (P)

*ROP Allied Health and Medical Wellness (P)

Dual Enrollment Medical Terminology

*ROP The Principles of Athletic Training

Dual Enrollment Kinesiology 22

*ROP Rehabilitation Therapy Careers (P)

SOFTWARE and SYSTEMS DEVELOPMENT

Pathway Course

Exploring Computer Science (P)

AP Computer Science Principles

AP Computer Science A (HP)

CLOVIS WEST HIGH SCHOOL

CHILD DEVELOPMENT

Pathway Course

Exploration of Child and Adolescent Literature (HP)

*ROP Careers in Child Development

Dual Enrollment Child Dev 1

EDUCATION

Contemporary Issues in Education (HP)

*ROP Careers in Education w/
English 11 or 12 (P)

Dual Enrollment Education 10

FINANCIAL SERVICES

Pathway Course

Computer Applications

Financial Literacy (P)

Intro to Finance

Business & Financial Services Internship (P)

*ROP Small Business Management

PERFORMING ARTS

Pathway Course

Drama 2 Technical Theater (P)

Advanced Technical Theater

*ROP Theater Production w/English 11 or 12 (P)

SYSTEMS DIAGNOSTICS, SERVICE and REPAIR

Pathway Course

Basic Auto

Auto 2

Auto 3

*ROP Auto Systems Technology

UNITRAK

The Uni-track Program at California State University, Fresno allows dual enrollment for high school students, who can earn college credit while enrolled in an approved Uni-track course. Students can request a Fresno State transcript upon completion of the coursework. High School and ROP teachers are eligible to apply to participate in the Uni-track program. There are minimal student fees for these Uni-track courses.

Juniors and Seniors that are taking a UNITRAK course have the opportunity to earn units at a CSU for a nominal registration fee. This arrangement is much cheaper than normal tuition for the class.

HIGH SCHOOL	CUSD Course Title	Institution	Course Title	Units
BHS	Careers in Education	CSU Fresno	EHD 40	2
BHS	Sports Medicine & Fitness	CSU Fresno	Kines 38	3
BHS	Multimedia/Videography	CSU Fresno	MCJ 15	3
BHS	Digital Photography	CSU Fresno	MCJ 17	3
BHS	Journalism & Publishing	CSU Fresno	MCJ 2	3
CEHS	Health & Medical Wellness	CSU Fresno	Nutr 53	3

CONCURRENT ENROLLMENT

Concurrent enrollment (or Dual Enrollment) allows a student to enroll in a class at their High School and they receive credit for that class with the High School and the College the class is attached to.

HIGH SCHOOL	CUSD Course Title	Institution	Course Title
BHS/CEHS/CWHS/ CNHS	Careers in Education	Clovis Community	ED 10
BHS/CHS/CNHS	Child Development	Clovis Community	CD 1
CEHS	Health & Medical Well- ness	Clovis Community	OT 10
CEHS	Firefighting Technology	Fresno City	FIRET 1
CEHS	UCCI Building Scaled Structures	Fresno City	Construction 50
CEHS	Agriculture Engineering 2	Reedley College	MAG 41
CEHS	Agriculture Engineering 3	Reedley College	MAG 44
CEHS	Ag Chemistry & Soils	Reedley College	PLS-2-59471 Soils
CEHS	ROP Welding Fabrication	Butte College	WELD 20