COLTON REDLANDS YUCAIPA
REGIONAL OCCUPATIONAL PROGRAM
Inspiring Possibilities

COLTON-REDLANDS-YUCAIPA REGIONAL OCCUPATIONAL PROGRAM

Course Catalog

2024-2025

Our Mission

Preparing students for high demand careers by providing exceptional Career Technical Education programs influenced by business and industry.

Our Vision

Inspiring career possibilities
for all students.

Our Key Messages

To Students:
Career Technical Education aligns secondary and postsecondary education to labor market demand, and provides technical, academic and employability knowledge and skills. Most importantly, CTE prepares students for careers of their choice.

To Parents:
Explore traditional and non-traditional career options with your child to understand the steps to take to achieve their career goal by encouraging them to participate in CTE classes, work-based learning, job shadowing, industry tours, college visits, and talking with industry experts.

To Counselors and Fellow Educators:
Help students understand the connection between college, career and labor market demand by exploring various CTE classes.

To Business and Industry:
CRY-ROP values your input and understands your need for skilled employees who have outstanding character traits, work experience and academic skills which are all necessary for employee success.

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Agriculture & Natural Resources

Veterinary Assistant 1 (Concentrator)

The Intro to Veterinary Assistant course is designed to provide students a comprehensive knowledge of veterinary science and basic animal care. This course focuses on the application of animal anatomical and physiological knowledge in cells, tissues, musculoskeletal, circulatory, respiratory, renal, digestive, reproductive, nervous, and immune systems to help students understand topics such as veterinary medical terminology, sanitation, disease control and prevention, zoonosis and public health, nutrition, species differentiation in nutrition and techniques for animal restraint. Students will study a unit on careers and professionalism and create a personalized resume for future job searches. Activities in this course include hands-on clinical experience and work-based learning that connects students to industry and the local community.
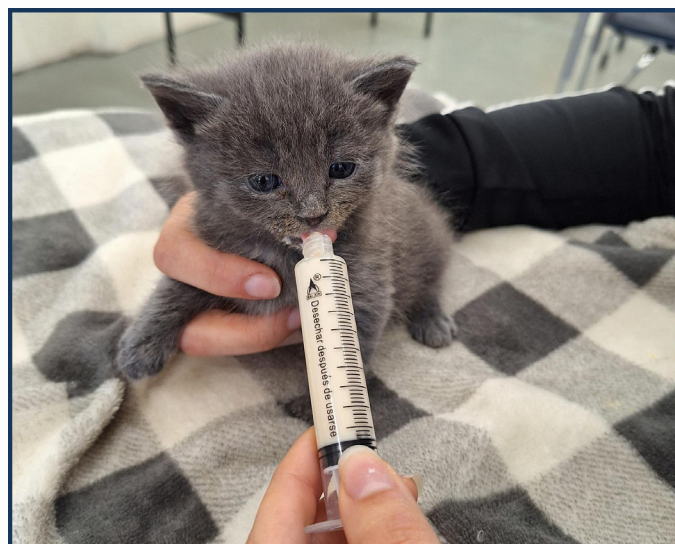
Pathway: Animal Science
CALPADS: 7141
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Science-Integrated Science
CRY-ROP Code: 1120
District Code: Bloomington High School (CTER2207)

Veterinary Assistant 2 (Capstone)

The Advanced Veterinary Assistant course is designed to build on the knowledge of anatomy, physiology and diseases obtained in the Intro to Vet Assistant course and to prepare students for an entry-level position in the veterinary field and post-secondary education in animal science. This course provides applied instruction in veterinary office procedures, safety precautions, clinical pathology, parasitology, radiology, pharmacology, dental protocol, veterinary anesthesia and surgical nursing. Additionally, students will learn medical records management, physical exams and documentation, diagnostic sampling, patient care and emergency nursing, radiation safety and diagnostic imaging, euthanasia and client grief, and genetics. Activities in this course include extensive hands-on clinical experience in a classroom setting and professional animal care facility (optional), as well as work-based learning that connects students to industry and the local community.

Pathway: Animal Science
CALPADS: 7142
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Science-Integrated Science
CRY-ROP Code: 1130
District Code: Bloomington High School (CTER2209)

Arts, Media, & Entertainment

Art of Animation 1 (Concentrator)

This comprehensive program introduces students to animation through theory and hands-on training in art fundamentals, drawing, cartooning, and animation basics. It also includes an introduction to computer graphics imaging. Students will study art theory, composition, color, spatial concepts, rendering and animation, using creativity and imagination to convey ideas and tell a story. Integrated throughout Art of Animation are career technical education standards which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork, and technical knowledge. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Design, Visual, and Media Arts
CALPADS: 7214
Articulated: Riverside Community College District
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 2700
District Code: Bloomington High School (CTER3109) & Redlands High School (1475/3475)

Art of Animation 2 (Capstone)

The Art of Animation 2 is an all-inclusive animation production experience allowing students to gain more in-depth exposure of the animation process through the production of animated film. Students in The Art of Animation 2 will increase their animation skills and collaborate to produce short stories, storyboards, audio tracks, special effects, and character and background animations. The Art of Animation 2 will further analyze the animation industry and help students grow as a developer of animated productions.

Pathway: Design, Visual, and Media Arts
CALPADS: 7215
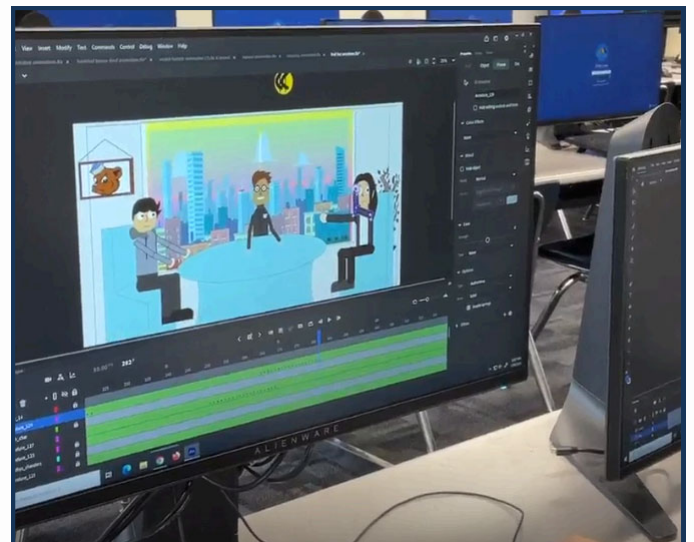**Articulated:** Riverside Community College District
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 2750
District Code: Bloomington High School (CTER3111) & Redlands High School (1481/3481)

Arts, Media, & Entertainment

Video Game Design 1 (Concentrator)

Video Game Design is for anyone who loves computer games and wants to try to make them for themselves. The course provides students the opportunity to learn both the theory and application of gaming ideas, while providing basic instruction and principles of video game development. Video Game Design will introduce students to the Video Game Design Industry and the basic components and processes required to produce an interactive video game for market. The students will study the history of video games and analyze successful design aspects. Career opportunities and industry standards will be researched. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Game Design and Integration
CALPADS: 7261
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 2400
District Code: Citrus Valley High School (1479/3479) & Redlands East Valley High School (1479/3479)

Video Game Design 2 (Capstone)

Video Game Design II is an all-inclusive video game production experience allowing students to gain deeper knowledge of video game design concepts through the mindset of game publishing and production. Students in Video Game Design II will actively perform as a member of a game development team to build an industry-standard video game. The development term will additionally work together to compose a game-development plan, game-building procedures and a marketing and publishing strategy. Students will explore concurrent video game industry practices while focusing on a real-life scenario of delivering their game through digital distribution.

Pathway: Game Design and Integration
CALPADS: 7262
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 2410
District Code: Citrus Valley High School (1401/3401) & Redlands East Valley High School (1401/3401)

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Arts, Media, & Entertainment

Graphic Design 1 (Concentrator)

This one-year introductory level graphic design will require students express themselves creatively through digital media applications. They will learn the basic language and elements of art techniques to create interactive products to educate, inform, and entertain. This course will enable students to understand and appreciate artistic expression, while they study the impact of multimedia on society from a social and economic viewpoint. Art history, graphic design, and higher-level graphical concepts will be studied and applied. This course offers intensive hands on production through project-based assignments. Students will meet Visual Art, Common Core State Writing Standards, and Art, Media, and Entertainment CTE standards while encouraging students to become creative and thoughtful practitioners in the world of computer media. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Design, Visual, and Media Arts
CALPADS: 7211
Articulated: Riverside Community College District & San Bernardino Valley College
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 8420
District Code: Grand Terrace High School (CTER3130)

Graphic Design 2 (Capstone)

Graphic Design Honors will build on the fundamental principles and elements of visual communication, including the historical development of design through exploring graphic art history. Students will engage in a comprehensive exploration of the various aspects of visual communication including theory, technology and practice. This course is intended for students who wish to continue their education in the Graphic Design field and who would like to contribute to the community through service projects using the students' design skills. This course covers both design and the history related to design. Activities in this course include work-based learning that connects students to industry and the local community.

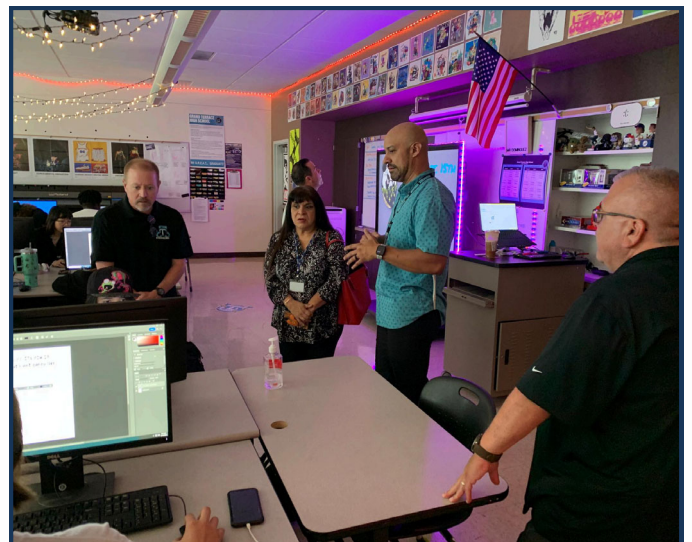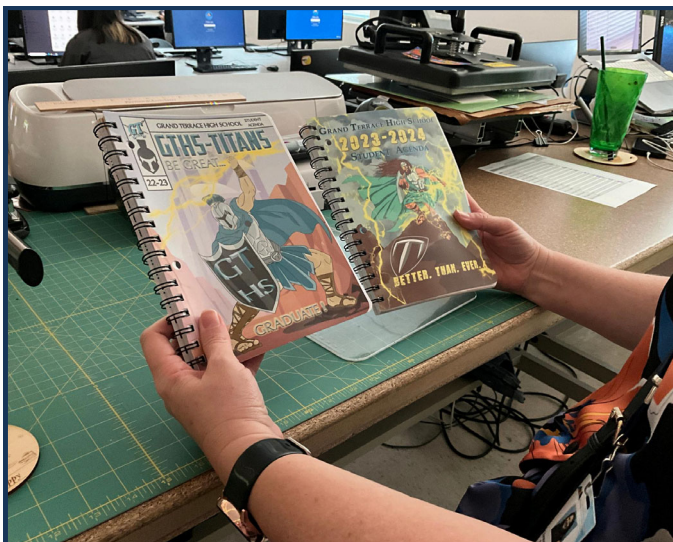**Pathway:** Design, Visual, and Media Arts
CALPADS: 7212
Articulated: Riverside Community College District
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 8430
District Code: Grand Terrace High School (CTER3230)

Arts, Media, & Entertainment

Digital Video Production 1 (Concentrator)

This comprehensive program introduces students to the exploration of the world of digital video and film production. Digital Video Production I students will learn the history and development of communication through film and have the opportunity through theory and hands-on training to produce their own films/videos by creating silent films, documentary films, music videos, Public Service Announcements (PSA) and news segments. Students will learn to use industry standard software to create these films and videos. Integrated throughout Digital Video Production I are CTE standards which include basic academic skills, communication, career planning, technology, problem solving, safety, responsibility, ethics, teamwork, and technical knowledge. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Design, Visual and Media Arts
CALPADS: 7220
Articulated: Riverside Community College District
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 2250
District Code: Redlands East Valley High School (1471/3471)

Digital Video Production 2 (Capstone)

Digital Video Production II is a yearlong capstone course that applies the fundamental knowledge and skills in Digital Video Production I. Students will collaborate to write, storyboard, shoot original video content, and edit projects using industry standard software. History of art and film, aesthetics, criticism and related careers are important elements of the course. Students will develop their skills using the elements of art and the principles of design as they produce videos of different genres and purposes.

Pathway: Design, Visual, and Media Arts
CALPADS: 7221
Articulated: Riverside Community College District & San Bernardino Valley College
UC A-G Approval: Visual & Performing Arts (F)-Visual Arts Requirement
CRY-ROP Code: 2260
District Code: Redlands East Valley High School (1492/3492)

Building & Construction Trades

Construction Technology 1 (Concentrator)

Construction Technology provides an overview of the construction industry and introduces students to accurate measurements, construction tools, technical drawings and green technology. Emphasis is placed on the safe use of hand and power tools and the proper selection of materials to create a project. It is designed to provide students with technical knowledge and practical experience in the carpentry and building industry. Students will also acquire communication, critical thinking, leadership and professional skills for the workplace. Activities in this course include project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Construction Technology 1 and Construction Technology 2 for pathway completion and/or articulation.

Pathway: Residential and Commercial Construction
CALPADS: 7341
Articulated: No
UC A-G Approval: No
CRY-ROP Code: 6200
District Code: Yucaipa High School (0784)

Construction Technology 2 (Capstone)

Construction Technology 2 is the capstone course in the Residential and Commercial Construction pathway designed to provide students with technical knowledge and practical shop experience for an entry level job in the building industry. Students will practice and master framing and roofing techniques, site preparation, blueprinting, measurements and construction site safety. Activities in this course include project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Construction Technology 1 and Construction Technology 2 for pathway completion and/or articulation.

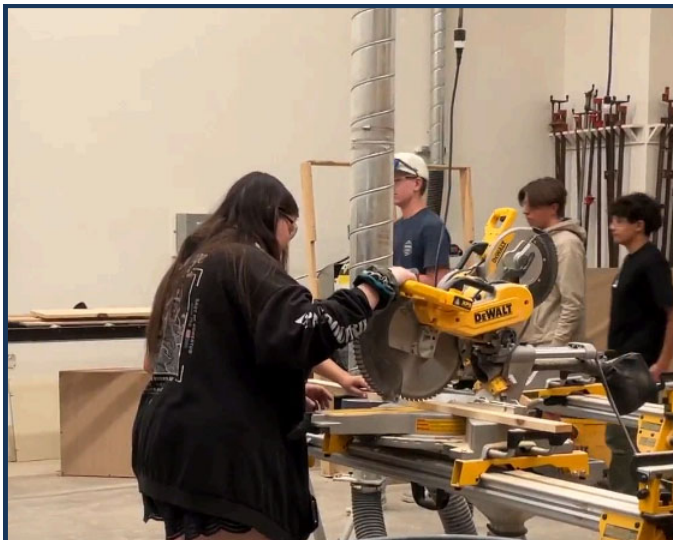**Pathway:** Residential and Commercial Construction
CALPADS: 7342
Articulated: Riverside Community College District
UC A-G Approval: No
CRY-ROP Code: 6250
District Code: Yucaipa High School (0785)

Education, Child Development, & Family Services

American Sign Language 1 (Concentrator)

American Sign Language skills are important in all customer service related occupations, and the demand for interpreters is growing. In this class, students will learn the fundamentals of sign language while developing an understanding and appreciation for the Deaf Culture and Community. Students will learn basic signing techniques for the alphabet, numbers, and words. Students will practice dialog and will demonstrate basic comprehension skills through applications of conversation. Students will learn about interpreting as a career option and related certification requirements. Activities in this course include work-based learning that connects students to industry and the local community.
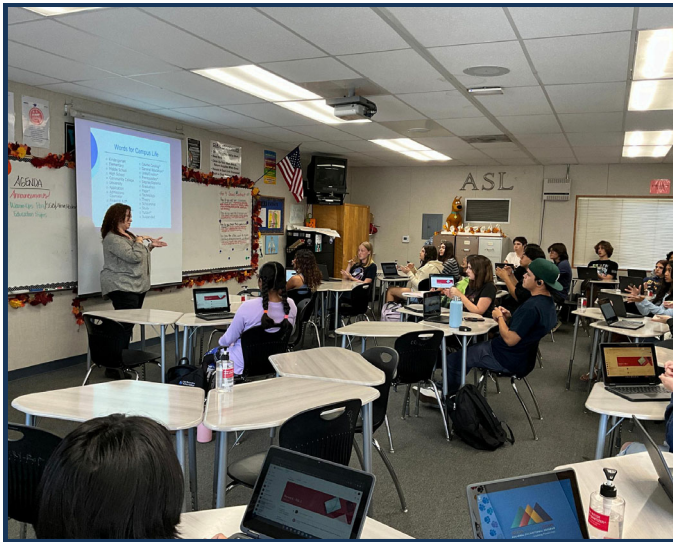
Pathway: Family and Human Services
CALPADS: 7540
Articulated: No
UC A-G Approval: English (E)-Language Other than English, Level 1 Requirement
CRY-ROP Code: 5500
District Code: Redlands High School (0866/2866)

American Sign Language 2 (Capstone)

American Sign Language (ASL) skills are important in all customer service related occupations, and the demand for interpreters is growing. This class provides a second level of training for those who wish to extend their knowledge, skills and abilities in ASL and pursue a career as an interpreter. Students will increase fluency of ASL and be able to use it receptively and expressively by giving and understanding of directions, use of facial expression, body language and other special aspects of ASL conversation. The culture of the Deaf Community will be studied and students will learn about interpreting as a career option, advanced training and certification requirements. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Family and Human Services Pathway
CALPADS: 7541
Articulated: No
UC A-G Approval: English (E)-Language Other than English, Level 2 Requirement
CRY-ROP Code: 5502
District Code: Redlands High School (0861/286)

Education, Child Development, & Family Services

Early Childhood Development (Concentrator)
Early Childhood Development provides students with specific training for occupations as a pre-school teacher, infant teacher, before and after school care teacher, family day care provider, foster care parent, teacher aide, camp counselor and recreation aide. Instruction includes child growth and development, nutrition, child health and safety, positive discipline, curriculum and lesson plans and laws and regulations relating to childcare services. Activities in this course include work-based learning that connects students to industry and the local community.
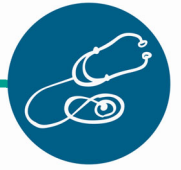
Pathway: Child Development
CALPADS: 7510
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 5070
District Code: Slover Mountain High School (7510)

Health Science & Medical Technology

Mental Health Careers (Concentrator)

Mental health includes a person's emotional, psychological, and social well-being. It affects how people think, feel, and act. It also helps determine how people handle stress, relate to others, and make choices. Mental health is important at every stage of life, from childhood and adolescence through adulthood.

A mental health professional is a health care practitioner or community services provider who offers services for the purpose of improving an individual's mental health or to treat mental disorders. They assist with the delivery of appropriate quality treatment to patients with behavioral health concerns, psychological crises, and other biopsychological problems. This course introduces students to the field of mental health, mental health issues/disorders among sub-groups, and the various occupational options available to those interested in pursuing a career in the field of Mental Health.

Pathway: Mental and Behavioral Health
CALPADS: 7961
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 3840
District Code: Bloomington High School (CTER2510)

Mind Matters: Mental Health and Illness (Capstone)

Students will explore mental and behavioral health through a variety of disciplines. They will define mental illness, differentiate between myths and truths about mental health, and identify how the anatomy and physiology of the nervous system relates to physical, mental, and emotional health. Students will have the opportunity to assess their own mental and behavioral health status. Students will take on multiple roles within the healthcare system to practice preventing, diagnosing, and treating mental and behavioral illnesses, debate the ethics of different situations surrounding mental illness, and look at the system-wide successes and barriers to healthcare on a national and international scale. Activities in this course include work-based learning that connects students to industry and the local community.
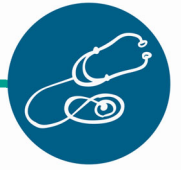
Pathway: Behavioral Health
CALPADS: 7962
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 3850
District Code: Bloomington High School (CTER2500)

Health Science & Medical Technology

Medical Assistant Clinical 1 (Intro)
Medical Assistant - Clinical 1 covers medical terminology, which is a prerequisite for the majority of health career courses medical front office duties, as well as skills for employment in the front office or reception area of any medical facility, with a focus on a physician's office. Students will study anatomy and physiology with an emphasis on the body systems and their interrelationships and advanced medical terminology as applied to diseases and disorders. Students will also acquire skills in patient interaction, appointment control, filing, bookkeeping, use of a computer to prepare correspondence, and data entry and retrieval. Activities in this course include work-based learning that connects students to industry and the local community. Students must complete all medical assistant clinical courses and the field ROP internship in the ordered sequence to receive the Medical Assistant certificate.

Pathway: Patient Care
CALPADS: 7921
Articulated: San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)-Laboratory Science-Biology/Life Sciences Requirement
CRY-ROP Code: 4011
District Code: Grand Terrace High School (CTER2220), Redlands High School (1429/3429), & Yucaipa High School (20790)

Medical Assistant Clinical 2 (Concentrator)
Medical Assistant Clinical 2 is designed to teach students back office skills required for entry level position as a medical assistant and prepare students for post-secondary education in patient care. Students will acquire medical assistant skills such as taking vitals, recording health histories, preparing patients for examinations, drawing blood, and assisting with minor surgical procedures in simulated laboratory exercises while practicing and learning medical terminology, anatomy and physiology, medical/surgical asepsis, and basic pharmacology. Activities in this course include work-based learning that connects students to industry and the local community. Students must complete all medical assistant clinical courses and the field ROP internship in the ordered sequence to receive the Medical Assistant certificate.
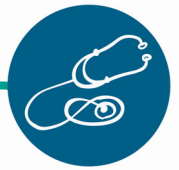
Pathway: Patient Care
CALPADS: 7922
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Laboratory Science-Biology/Life Sciences Requirement
CRY-ROP Code: 4012
District Code: Grand Terrace High School (CTER2221), Redlands High School (1463/3463), & Yucaipa High School (0791)

Health Science & Medical Technology

Medical Assistant Clinical 3 (Capstone)

Medical Assistant Clinical 3 is the capstone course for the Medical Assistant program. It is designed to equip students with medical assisting skills necessary for employment in a variety of medical settings. Students will practice clinical skills and learn topics covering electrocardiography, phlebotomy, hematology, laboratory procedures, diagnostic testing, emergency procedures and the overall well-being of the patient. Activities include work-based learning and ROP field internship that provide medical assisting experience and connect students to industry and the local community. A negative TB test is required for participation in worksite learning. Students must complete all medical assistant clinical courses and the ROP field internship in the ordered sequence to receive the Medical Assistant certificate. CPR and First Aid certifications are included in this course and are awarded based on a competency examination.

Pathway: Patient Care
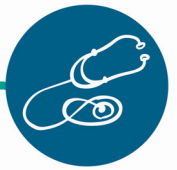**CALPADS:** 7922
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Laboratory Science-Biology/Life Sciences Requirement
CRY-ROP Code: 4013
District Code: Grand Terrace High School (CTER2222), Redlands High School (1470/3470), & Yucaipa High School (20791)

Health Science & Medical Technology

Community Health 1 (Concentrator)

As the concentrator course in the Public and Community Health pathway, Community Health 1 introduces students to the role of Community Health Workers (CHWs/Promatoras) as trusted frontline public health workers with a close understanding of the community they serve. Students will study careers and systems in healthcare, gain fundamental knowledge of anatomy, physiology, and medical terminology, and demonstrate basic knowledge of safety rules including CERT, First Aid, CPR, and infection control. Emphasis is placed on information gathering, community advocacy and outreach, communication skills and ethical responsibilities necessary to build a trusting relationship and to serve as a liaison/link/intermediary between health, social services, and the community. Using an interdisciplinary approach of reading, writing and research, students will deepen their understand of how complex issues like race, culture, and public health policies impacts community health. Activities in this course include work-based learning that connects students to industry and the local community.
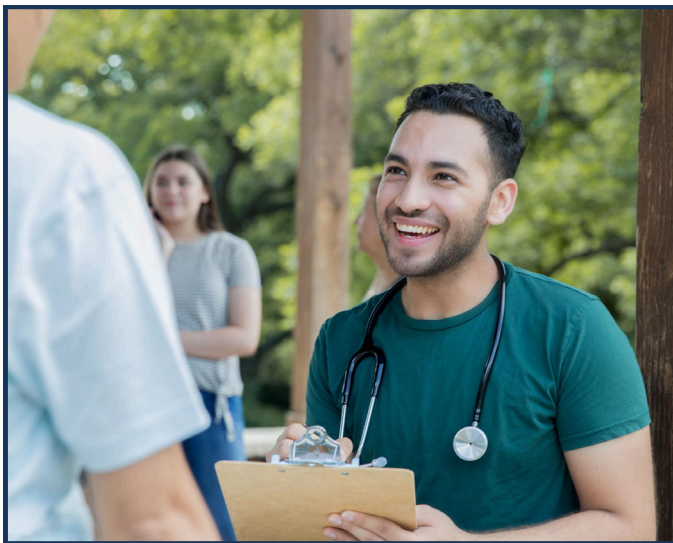
Pathway: Public and Community Health Pathway
CALPADS: 7951
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 3200
District Code: Colton High School (CTER2108) & Green Valley High School (0764)

Community Health 2 (Capstone)

Community Health 2 is designed to build on the introductory knowledge obtained in Community Health 1 and prepare students for an entry-level position and post-secondary education in the Public and Community Health Pathway. This course provides students practical skills and knowledge for building individual and community capacity through problem-solving of issues related to the promotion of health, access to health care services, and adoption of healthy behaviors. Students will learn the impact of culture on quality health care service delivery and understand the influence of social factors on life expectancy as well as common health conditions. In addition, students will complete documentation and formulate plans to improve the health of individuals such as the elderly, maternal/child/teen population, and mentally ill clients within the community. Activities in this course include extensive hands-on practical experience in a classroom setting as well as work-based learning that connects students to industry and the local community.

Pathway: Public and Community Health Pathway
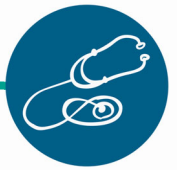**CALPADS:** 7952
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 3210
District Code: Colton High School (7952) & Green Valley High School (0765)

Health Science & Medical Technology

Nursing Assistant, Certified (Capstone)

Nurse Assistant-Certified is designed to prepare students for employment as a Certified Nurse Assistant in a variety of settings. Students will learn patient care, observation, and communication skills with an emphasis on caring for the geriatric resident in a long-term care facility. Integrated throughout the program are career preparation standards basic academic skills, interpersonal skills, problem solving, safety, and technology. Nurse Assistant-Certified prepares students to take the State Competency Exam required for certification. Clinical worksite learning is a required component of the program.

Pathway: Patient Care
CALPADS: 7922
Articulated: No
UC A-G Approval: No
CRY-ROP Code: 4100
District Code: Colton Adult School (9986) & Redlands High School (1450/3450)

Medical Services Occupations (Intro)

Medical Service Occupations is designed for students interested in Health Careers. Students receive instruction in career path options, related mathematics, medical terminology, basic anatomy and physiology, infection control, nutrition, legal and ethical principles, basic medical filing, and safety/first aid. Activities in this course include work-based learning that connects students to industry and the local community.
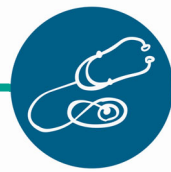
Pathway: Patient Care
CALPADS: 7921
Articulated: No
UC A-G Approval: No
CRY-ROP Code: 3400
District Code: Colton High School (CTER2303M)

Health Science & Medical Technology

Sports Medicine 1 (Concentrator)

Sports Medicine 1 is designed for students interested in athletic training, physical therapy, kinesiology, and other related fields in sports medicine. This course covers industry regulations, medical terminology, basic anatomy and physiology of the human body combined with the study of diseases, bloodborne pathogens, vitals statistics, infection control, and wound care. Students will also gain theoretical and hands-on knowledge on documentation, kinesiology, nutrition, physical conditioning, sports psychology and the environmental impact of sports. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Sports Medicine 1 and Sports Medicine 2 for pathway completion and/or articulation.

Pathway: Patient Care
CALPADS: 7921
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Laboratory Science-Biology/Life Sciences Requirement
CRY-ROP Code: 4560
District Code: Citrus Valley High School (0889/2889) & Colton High School (CTER2110)

Sports Medicine 2 (Capstone)

Sports Medicine and Therapy is designed for students who are interested in the practical and theoretical aspects of sports injury prevention, recognition, treatment, and care of sports-related injuries. Students will learn basic anatomy and physiology of the human body, mechanisms of a sport injury, basic injury evaluation, sports therapy modalities including tapping, wrapping, protective bracing, equipment fitting, follow up care and use of equipment and techniques to aid patients in rehabilitation. Further academic skills are required to become a certified athletic trainer. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Patient Care
CALPADS: 7922
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Laboratory Science-Biology/Life Sciences Requirement
CRY-ROP Code: 4570
District Code: Citrus Valley High School (0890/2890) & Colton High School (CTER2111)

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Hospitality, Tourism, & Recreation

Culinary Arts 1 (Concentrator)

Culinary Arts 1 is the introductory course in the Food Service and Hospitality pathway. It is designed to provide students practical experience in cooking techniques and applied understanding of basic principles of nutrition, food storage, safe food handling, sanitation, recipe costing, customer service, etiquette, cultures, kitchen safety and correct use of kitchen equipment in the restaurant and at home. n addition to preparing and planning meals, students will develop the ability to research, collect data, analyze information, report findings and evaluate food products as well as build leadership, communication and problem-solving skills as they work independently and in cooperative groups. Students will have the opportunity to take the California Food Handlers exam while gaining a foundational understanding of careers and professionalism related to the Hospitality, Tourism, and Recreational Industry. Activities in this course include hands-on experience and work-based learning that connects students to industry and the local community.

Pathway: Food Service and Hospitality
CALPADS: 8020
Articulated: San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)/Interdisciplinary
CRY-ROP Code: 2000
District Code: Citrus Valley High School (1175/3175) & Redlands East Valley High School (1175/3175)

Culinary Arts 2 (Capstone)

Culinary Arts 2 is the capstone course in the Food Science and Nutrition pathway. It provides students advanced practical culinary skills while continuing to emphasize safety, sanitation, and proper use of equipment in the kitchen throughout the course. Students will use collaboration, speaking, analytical, math, reading and science skills to evaluate recipes and various culinary techniques when preparing modern, traditional, and global cuisines for themed campus events and menus that feature baked goods, breakfast foods, proteins, sauces, local farm fresh dishes among others. In addition, students will develop catering, menu planning, and business marketing skills for big and small events. Activities in this course include career exploration, online portfolios of food creations with journal reflections, as well as hands-on experience and work-based learning that connect students to industry and the local community.

Pathway: Food Science and Nutrition
CALPADS: 8021
Articulated: San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)/Interdisciplinary
CRY-ROP Code: 2100
District Code: Citrus Valley High School (1176/3176) & Redlands East Valley High School (1176/3176)

Information & Communication Technologies

Computer Mapping with GIS 1 (Concentrator)

Computer Mapping with Geographic Information Systems is a foundational course in the Information Support System pathway, designed to provide fundamental concepts of Geographic Information Systems (GIS) and enable students to apply the geographic inquiry process to environmental science, government, and business issues. This course introduces basic computer hardware, software and security management skills and integrates the history of automated mapping and GPS, cartographic principles, coordinate systems and map projections. Topics include project management, data structures, data sources and acquisition, shapefile layers and spatial data. Students will develop intermediate skills in online and desktop platforms, as well as analytical and spatial skills by identifying a hypothesis, gathering and analyzing data, and providing spatial solutions to practical and real life problems. GIS careers will be explored and fundamental concepts reinforced through hands-on activities and work-based learning that connects students to industry and the local community.

Pathway: Information Support and Services
CALPADS: 8111
Articulated: San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 2620
District Code: Colton High School (CTER1206)

Computer Mapping with GIS 2 (Capstone)

Computer Mapping with GIS II is the capstone course in the Information Support and Services pathway. It is designed to prepare students for an entry-level position in the Geographic Information Systems (GIS) field and post-secondary education in Information Support and Services. It provides in-depth applications of GIS and computer mapping to geography, government, and business disciplines with emphasis on collaborative project management approach to resolving GIS issues. Specific topics include advance spatial analysis (map overlays, buffers, networks), advanced GIS applications and software, 2D and 3D modeling, and analyzing the world with drone technology. Application of GIS advanced concepts will be reinforced in the laboratory with hands-on experience in the use of maps, data structures, spatial data, data integration and GIS outputs including charts, graphs, maps and presentations. This advanced course will equip students with computer mapping, critical thinking, project collaboration skills, as well as scientific research and analytical skills used by GIS professionals in addressing emergency response, environmental, governmental and industry issues. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Information Support and Services
CALPADS: 8112
Articulated: San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 2630
District Code: Colton High School (1205)

Manufacturing & Product Development

Mechatronics 1 (Concentrator)

Mechatronics is the designing and manufacturing of products with electronics components and is used to develop major systems as well as day-to-day devices such as smartphones and household machines. This course focuses on the designing, manufacturing, and maintenance of products with electronic and mechanical components. Hence, students will obtain a fundamental understanding of lean manufacturing processes, structural engineering, mechanical systems, electricity, fluid power, CNC machine and Computer-Aided Design (CAD) to construct and design projects while applying print reading skills, properly using industry tools and practicing OSHA-10 safety skills throughout the course. By employing an interdisciplinary approach of reading, writing, problem solving, and hands-on projects students will acquire practical skills and industry knowledge for the advanced mechatronics course, entry-level employment in mechatronics/advanced manufacturing and preparation for SACA (Smart Automation Certification Alliance) C-101 Certified Industry 4.0 Associate I – Basic Operations silver certificate. Activities in this course include work-based learning that connect students to industry and the local community.
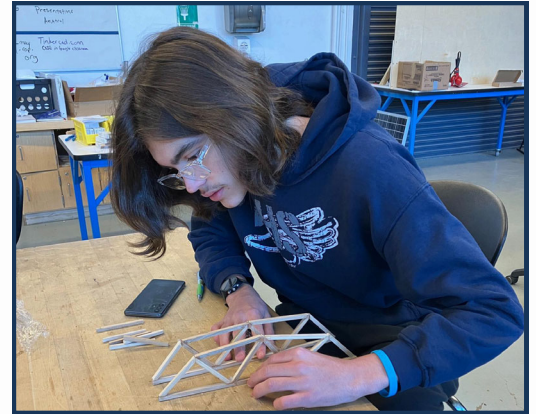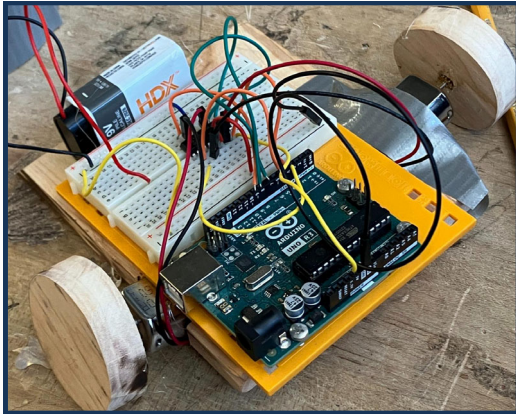
Pathway: Product Innovation and Design
CALPADS: 8240
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G) – Interdisciplinary Requirement
CRY-ROP Code: 7350
District Code: Colton High School (8200) & Redlands High School (1496/3496)

Mechatronics 2 (Capstone)

Mechatronics is the designing and manufacturing of products with electronic components and is used to develop major systems as well as day-to-day devices such as smartphones and household machines. Mechatronics 2 is designed to equip students with entry-level technical and service repair skills for supporting the installation, troubleshooting, and maintenance of equipment in the mechatronics and advanced manufacturing industry. Students will perform simple operations using robotic and autonomous systems to gain a fundamental understanding of programmable logic controllers (PLCs), wireless communication, electrical motors and motor controllers, pneumatics/hydraulics, as well as advanced electricity. By employing an interdisciplinary approach of reading, writing, problem solving, and hands-on projects students will acquire practical skills and industry knowledge for entry-level employment in mechatronics/advanced manufacturing, including Industry 4.0 production settings, and SACA (Smart Automation Certification Alliance) C-101 Certified Industry 4.0 Associate I – Basic Operations silver certificate. Students passing the SACA C-101 silver certificate qualify to perform SACA C-101 assessments for the gold certificate. Activities in this course include work-based learning that connect students to industry and the local community.

Pathway: Product Innovation and Design
CALPADS: 8241
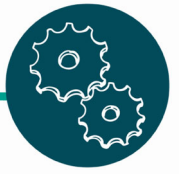**Articulated:** Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G) – Laboratory Science – Integrated Science Requirement
CRY-ROP Code: 7360
District Code: Redlands High School (1413/3413)

Manufacturing & Product Development

Graphic Communications 1 (Concentrator)

Graphic Communications 1 is a foundational course in the Graphics Production Technologies pathway designed to prepare students for entry-level employment in desktop publishing and the printing industry. Students will design and create publications using industry-standard software while acquiring basic computer and file management skills. Topics include cost estimation, layout and design, typography and typesetting, visual communication, color theory, platemaking, offset lithography and prepress. Emphasis is placed on workshop safety, career and employability preparation, critical thinking, leadership and interpersonal skills. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Graphic Communications 1 and Graphic Communications 2 for pathway completion and/or articulation.

Pathway: Graphic Production Technologies
CALPADS: 8210
Articulated: Riverside Community College District
UC A-G Approval: Visual and Performing Arts (F)/Visual Arts
CRY-ROP Code: 8400
District Code: Colton High School (CTER3010)

Graphic Communications 2 (Capstone)

Graphic Communications 2 is the capstone course in the Graphic Production Technologies pathway which builds on the concepts of creating design elements and preparing final documents for printing. Students evaluate customer information, create a graphic communications solution and apply commercial printing skills. In an operational campus-based print shop, students produce hands-on projects involving reading, writing, analytical thinking and creative designs for programs and events in the community and the local school district. Emphasis is placed on the history and artistic origins of graphic communications, workshop supervision and safety, as well as the proper use of hand tools and power equipment. This course is designed to prepare students for an entry-level position in the graphic communications/printing industry. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Graphic Communications 1 and Graphic Communications 2 for pathway completion and/or articulation.

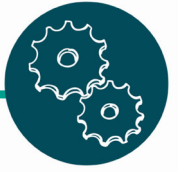**Pathway:** Graphic Production Technologies
CALPADS: 8211
Articulated: No
UC A-G Approval: Visual and Performing Arts (F)/Visual Arts
CRY-ROP Code: 8410
District Code: Colton High School (CTER3011)

Manufacturing & Product Development

STEAM Shop 2 (Capstone)

STEAM = Science & Technology interpreted through Engineering & the Arts, all based in Mathematical elements.

STEAM Shop 2 will build on the fundamentals of the product design process, used by designers, engineers, manufacturers, and inventors to address opportunities, meet needs, or develop solutions to problems. Emphasis in this course will be placed on "the business of innovation," as students will tie entrepreneurship to the design process in various projects across all industry sectors. Students will work on projects that involve designing, building, and testing products, repeating steps and making product improvements along the way. Students will follow the design process to strengthen their understanding of open-ended design, and emphasize creativity and problem solving. Activities will challenge and support the critical thinking, communication, collaboration, and creativity skills required of the 21st Century learner. Activities in this course include work-based learning that connects students to industry and the local community.
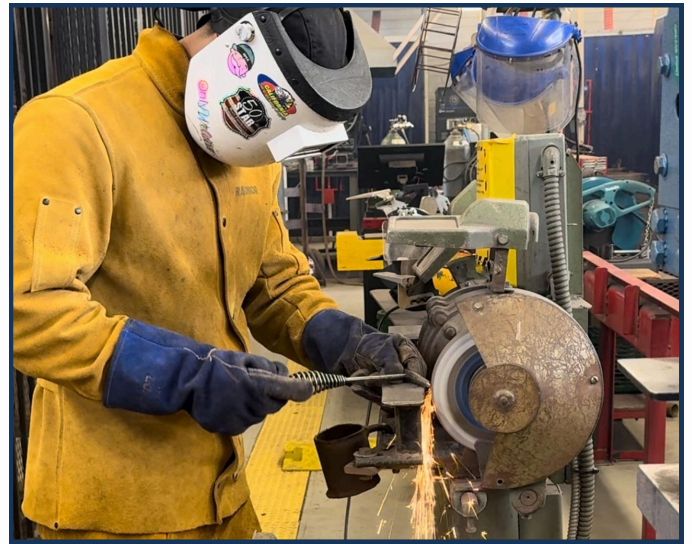
Pathway: Product Innovation and Design
CALPADS: 8241
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7402
District Code: Colton High School (CTER411)

Welding Technology 1 (Concentrator)

Welding Technology 1 equips students with the skills necessary to perform basic quality welding that meets industry standards. It is the first course in the Welding and Materials Joining Pathway and therefore places emphasis on measurements, the math used in the design process, workshop safety procedures and practices, as well as the proper use of common power tools and welding equipment. Students will be introduced to Gas Metal Arc Welding (GMAW), Shielded Metal Arc Welding (SMAW), Oxy-Fuel Gas Cutting (OFC-A) and Plasma Arc Cutting through hands-on, project-based and work-based learning activities that connect students to industry and the local community. Students must successfully complete Welding Technology 1 and Welding Technology 2 for pathway completion and/or articulation.

Pathway: Welding and Materials Joining
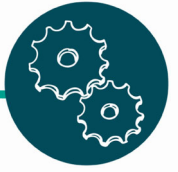**CALPADS:** 8230
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7220
District Code: Colton High School (CTER4200)

Manufacturing & Product Development

Welding Technology 2 (Capstone)

Welding Technology 2 is a capstone course in the Welding and Materials Joining pathway which builds on the knowledge and skills acquired in Welding Technology 1 and prepares students for entry-level jobs and post-secondary education in welding. This course provides structure and precision in welding of ferrous and non-ferrous materials, wire feeding, and advanced techniques in Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Core Arc Welding (FCAW), and Carbon Arc Cutting. In addition, students will continue to practice and demonstrate an exemplary understanding of workplace safety, blueprint reading, measurements, and quality welds that meet various industry standards and certifications. Hands-on, project and work based learning activities connect students to industry and the local community. Students must successfully complete Welding Technology 1 and Welding Technology 2 for pathway completion and/or articulation.

Pathway: Welding and Materials Joining
CALPADS: 8231
Articulated: Riverside Community College District & San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7250
District Code: Colton High School (CTER4250)

Welding Technology 3 (Capstone)

Welding Technology 3 is a capstone course in the Welding and Materials Joining pathway which builds on the knowledge and skills acquired in Welding Technology 2. Students will continue to practice structure and precision in various welding and cutting processes while learning advanced techniques in Shielded Metal Arc Welding (SMAW) and Orbital Arc Welding. Emphasis is placed on hands-on projects and quality welds that meet industry standards and certifications. This course prepares students for entry-level jobs and post-secondary education. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Welding Technology 1 and Welding Technology 2 for pathway completion and/or articulation.

Pathway: Welding and Materials Joining
CALPADS: 8231
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7260
District Code: Colton High School (8231)

Marketing, Sales, & Services

Fashion Marketing (Concentrator)

Fashion is a $1.2 trillion global industry, with more than $250 billion spent annually on fashion in the United States alone. Marketing plays a crucial role in this global industry. It is a discipline that informs many of the strategic and creative decisions involved in fashion design and product development, and it operates at every level of the fashion industry supply chain from product development through to retail. It connects the commercial goals of a business with the personal ideals, values, and needs of consumers.

In this course, students will be introduced to the basic theoretical principles of marketing within the context of the global fashion industry. Students will define marketing, explain the marketing concept, explain market research, and make marketing connections that will allow them to understand the economic impact of the fashion industry. Activities in this course include work-based learning that connects students to industry and the local community.
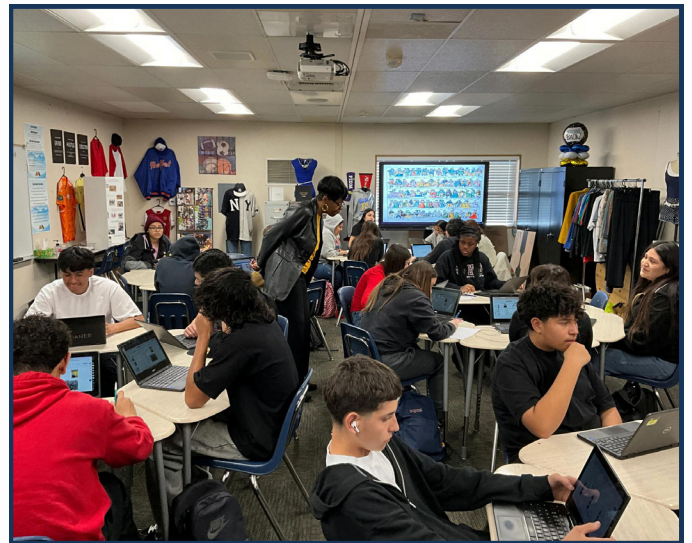
Pathway: Marketing
CALPADS: 8310
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 1220
District Code: Bloomington High School (CTER5107)

Sports & Entertainment Marketing (Capstone)

This course provides students with competencies necessary for entry-level employment and career opportunities within the sports and/or entertainment marketing industries. Students will learn the fundamental concepts of marketing and business principles in the scope of amateur, college, and professional sports. Students will also use the basic principles of marketing to learn the profit motives of financing entertainment projects, the different kinds of entertainment distribution, and promotional advertising and public relations strategies within the entertainment industry, as well as licensing entertainment merchandise and copyright laws. The class is devoted to learning the various functions and foundations of marketing and to set the stage for further study of marketing in higher education. Students will define marketing, explain the marketing concept, explain market research, and make marketing connections that will allow them to understand the economic impact of sports and entertainment. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Marketing
CALPADS: 8311
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 1700
District Code: Bloomington High School (CTER1410)

Marketing, Sales, & Services

Virtual Enterprise 1 (Concentrator)

Virtual Enterprise 1 provides a background in business concepts including the role of entrepreneurial businesses in the United States and their impact on the local, regional, national and global economy. Students will evaluate the skills and commitment necessary to successfully create and operate an online business venture by assessing the current economic, social and political climates for entrepreneurial ideas, evaluating business concepts, and writing business plans for online ventures. By the end of the course, students will assess the strengths and weaknesses of their online business concept, collect and organize market research data into a marketing plan, and prepare the financial analysis for their online business venture. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Entrepreneurship/Self-Employment
CALPADS: 8330
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 1550
District Code: Bloomington High School (CTER1407), Citrus Valley High School (1403/3403), & Yucaipa High School (20795)

Virtual Enterprise 2 (Capstone)

Virtual Enterprise 2 is the capstone course in the Entrepreneurship/Self-Employment pathway. Students learn the principles of micro and macroeconomics and apply those principles by setting-up and operating a simulated business in preparation for working a real business environment. Students study supply and demand, the Federal Reserve System, taxation by federal, state and local entities, the stock market and international transactions. Students determine the nature of the business, its products and services, the organizational structure, and practice the daily operations of a business. They use current business software and the Internet for business transactions. The focus is on business operations, basic economic principles, and communication, computation, and employability skills. Activities in this course include work-based learning that connects students to industry and the local community.
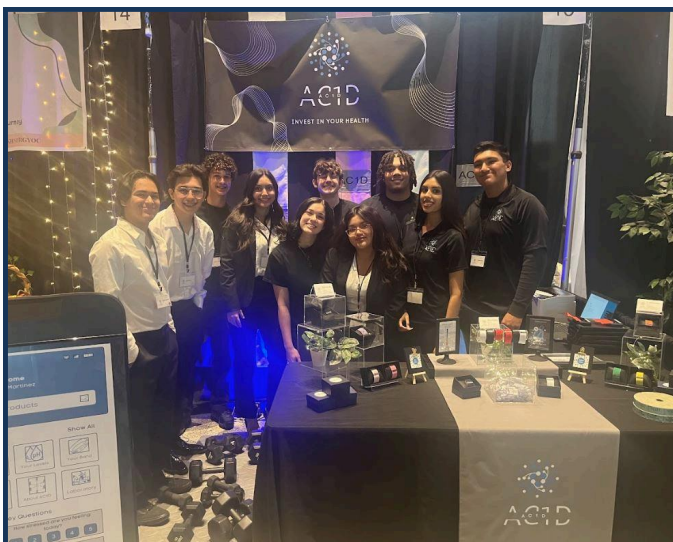
Pathway: Entrepreneurship/Self-Employment
CALPADS: 8331
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 1560
District Code: Bloomington High School (CTER1408), Citrus Valley High School (1403C/3403C), & Yucaipa High School (0796/20796)

Public Services

Intro to Criminal Justice (Concentrator)

Introduction to Criminal Justice is designed to expose students to the occupations within the Criminal Justice System. Students will examine the criminal justice system through the study of laws of evidence, techniques of investigation, report writing, and courtroom procedures. Writing skills, oral communication skills, positive attitudes, and presentation skills related to law enforcement will be emphasized. Many of the performance objectives align with the state's Peace Officer Standards and Training (POST) requirements. Students will be exposed to the wide array of employment opportunities within the public safety service arena. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Public Safety
CALPADS: 8411
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-History/Social Science Requirement
CRY-ROP Code: 9250
District Code: Bloomington High School (CTER8125), Citrus Valley High School (1411/3411), Oak View High School (0637), Yucaipa High School (0637)

Criminal Investigation (Capstone)

Criminal Investigation is designed to give students both theory and hands-on experience in the skills and knowledge required of a Criminal Investigator. Students will be introduced to a series of topics including response to crime scenes, analytical evaluation of evidence, and appropriate protocols for each phase of an investigation. Students will determine the seriousness of a crime, coupled with appropriate skill in determining a possible outcome of a criminal case. Students will demonstrate knowledge of learned concepts in reference to the foundations of Forensic Science, effective investigative skill, laws related to evidence, proper procedures when responding to crime scenes, use of crime scene photography/sketching, and the importance of detailed report writing. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Public Safety
CALPADS: 8412
Articulated: Riverside Community College District
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 9610
District Code: Bloomington High School (CTER8107), Citrus Valley High School (1402/3402), Oak View High School (0746), Yucaipa High School (0746)

Public Services

Emergency Medical Responder 1 (Concentrator)

Emergency Medical Responder 1 is designed for students interested in emergency medical services, hospital and safety public personnel such as emergency medical technician, firefighter, paramedic and emergency room personnel. This course provides a thorough understanding of anatomy and physiology through the study of medical terminology as applied to the body systems, their interrelationships, diseases, disorders, as well as instruction in legal and ethical principles, public health, infection control, and basic pharmacology. Emphasis is placed on career and employability preparation, critical thinking, leadership, interpersonal and communication skills. Activities in this course include work-based learning that connects students to industry and the local community.

Pathway: Emergency Response
CALPADS: 8421
Articulated: Crafton Hills College
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 9700
District Code: Citrus Valley High School (1493/3493), Grand Terrace High School (CTER2401), & Yucaipa High School (0776)

Emergency Medical Responder 2 (Capstone)

Emergency Medical Responder 2 is the capstone course in the Emergency Response pathway. An Emergency Medical Responder is the first medically trained person to arrive on the scene of an emergency. The Emergency Medical Responder provides care to injured persons, and assists other emergency medical service providers. This course builds upon skills acquired in Emergency Medical Responder 1 by training students to recognize emergency situations, maintain personal safety, and provide basic emergency care including CPR and First Aid, prevention of disease transmission, along with an understanding of advanced ethical and legal considerations. This course will prepare students who are interested in a career as an emergency medical technician, paramedic or similar allied health related careers. Activities in this course include work-based learning that connects students to industry and the local community.
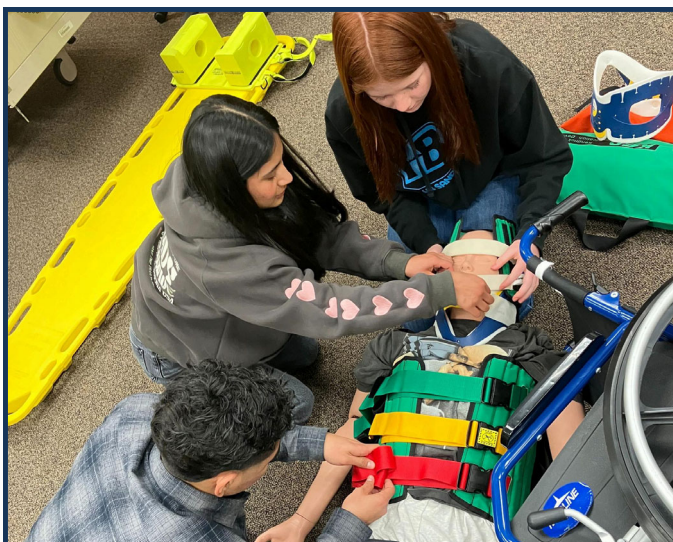
Pathway: Emergency Response
CALPADS: 8422
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 9710
District Code: Citrus Valley High School (1494/3494), Grand Terrace High School (CTER2402), & Yucaipa High School (0777)

Transportation

Automotive Technician 1 (Concentrator)
Automotive General Service Technician 1 is a foundational course that provides students with basic vehicle service skills and a general understanding of automotive system components. Emphasis is placed on proper and safe use of common tools, equipment, personal protective equipment and safety practices in the workplace and general lab. Students will think critically and solve problems related to customer service and vehicle components such as engine repair, transmission, drive train systems, suspension/steering, electrical/ electronic systems, and heating/air conditioning systems. Successful completion of this course will provide students a solid foundation in National Automotive Technicians Education Foundation (NATEF) standards while preparing students for industry certifications and entry-level jobs. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Automotive General Service Technician 1 and Automotive General Service Technician 2 as part of the minimum requirements for articulation.
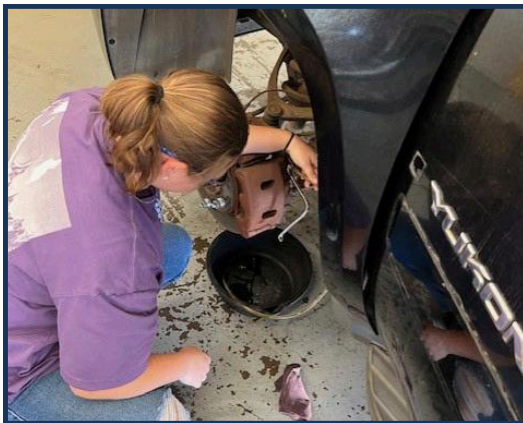
Pathway: Systems Diagnostic, Service and Repair
CALPADS: 8531
Articulated: No
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7120
District Code: Bloomington High School (CTER4100), Colton High School (CTER4100), Redlands East Valley High School (1068/3068), Redlands High School (1068/3068), & Yucaipa High School (20665)

Automotive Technician 2 (Capstone)
Automotive General Service Technician 2 is the capstone course in the transportation sector of the System Diagnostic and Service pathway. It builds on Automotive General Service Technician 1 to prepare students for entry-level employment as Automotive Service Technicians. Students will acquire broad skills set for troubleshooting equipment as well as vehicle diagnosis and maintenance related to engine performance and repair, transmissions/transaxle, drive train and axles, suspension/steering, brakes, electrical/electronic systems and heating/air conditioning systems. Successful completion of course competencies will provide students with a solid foundation of the National Automotive Technicians Education Foundation (NATEF) standards, continued training in the automotive field and industry certifications. Activities in this course include work-based learning that connects students to industry and the local community. Students must successfully complete Automotive General Service Technician 1 and Automotive General Service Technician 2 as part of the minimum requirements for articulation.

Pathway: Systems Diagnostic, Service and Repair
CALPADS: 8532
Articulated: Riverside Community College District & San Bernardino Valley College
UC A-G Approval: College-Preparatory Elective (G)-Interdisciplinary Requirement
CRY-ROP Code: 7150
District Code: Bloomington High School District (CTER4150), Colton High School (CTER4150), Redlands East Valley High School (1069/3069), Redlands High School (1069/3069), & Yucaipa High School (0666 20666)

Transportation

Aviation 1 (Concentrator)

This course provides an overview of the aviation industry and introduces students to gain a deeper understanding of the forces of flight, effects of flight controls, the components and operation of the aircraft power plant, instruments, and their associated systems. In the second half of the semester, students will acquire knowledge to operate small, unmanned aircraft systems also known as small UAS (drones) in the National Airspace System (NAS) for workplace skills and be eligible for the Part 107 Remote Pilot Certificate through the Federal Aviation Administration (FAA). Students will acquire foundational aviation theory necessary for the FAA Part 107 Remote Pilot Knowledge Test, which includes a written exam that covers aeronautical knowledge relevant to drone operation. Activities in this course include work-based learning that connects students to industry and the local community.

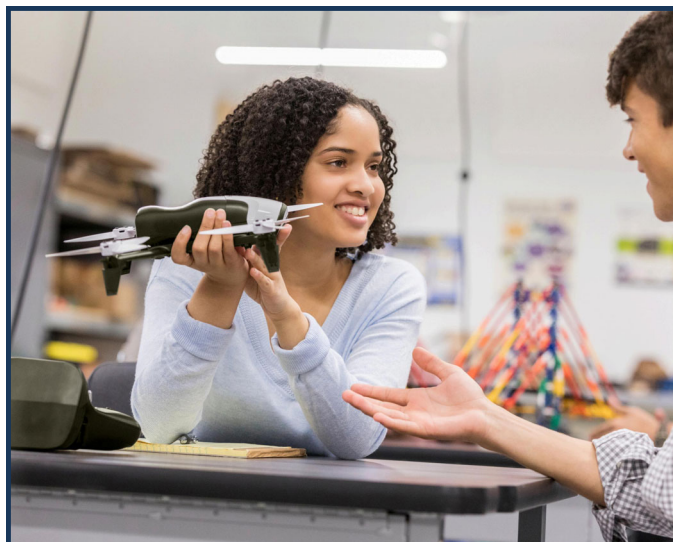**Pathway:** Systems Diagnostics, Service, and Repair
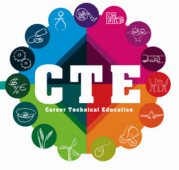**CALPADS:** 8531
Articulated: No
UC A-G Approval: College-Preparatory Elective (G) / Interdisciplinary
CRY-ROP Code: 7500
District Code: Redlands East Valley High School (1571/3571)

Exploratory Career Technical Education

Career Planning & Management (Intro)

Career Planning & Management is designed to assist student's transition from school to work, make career path decisions, and develop employment skills. Students will participate in a combination of classroom instruction and worksite learning by being placed in local businesses for a career internship. Career internship placements are available to eligible students, and may occur in a variety of job titles at a variety of worksite settings. Specific objectives to be achieved at work sites will be determined by the teacher and worksite coordinator/employer. These objectives will be annotated and monitored on Individualized Training Plans.

Pathway: N/A
CALPADS: 7000 Exploratory CTE
Articulated: No
UC A-G Approval: No
CRY-ROP Code: 9150
District Code: Bloomington High School (CTER7001/CTER7002), Green Valley High School (0810/20810), & Yucaipa High School (0810/20810)

Middle School Career Exploration (Intro)

Middle School Career Exploration provides the opportunity for students to explore different career pathways while building on important 21st Century Skills such as critical thinking, communication and problem solving. The teacher acts as facilitator as the students rotate through a series of modules where they engage in authentic problem-based learning experiences as they discover their interests and aptitudes, along the pathway to high school career education programs and postsecondary success.

Pathway: N/A
CALPADS: 7000 Exploratory CTE
Articulated: No
UC A-G Approval: No
CRY-ROP Code: 9000
District Code: Beattie Middle School (1265), Cope Middle School (1265), Mesa View Middle School (0700), Moore Middle School (1265), & Park View Middle School (0700)

Adult Programs

Nurse Assistant – Certified

This program is designed to prepare students for employment as a Certified Nurse Assistant in a variety of settings. Students will learn patient care, observation and communication skills with an emphasis on caring for the geriatric resident in a long-term care facility. The program prepares students to be successful in the workplace by teaching employability skills and modeling workplace expectations. The program includes both classroom instruction (theory) and 100 required clinical hours.

Program Requirements:
- Maintain a minimum of 70% grade average and 93% attendance
- Must be able to perform job functions (physical and sensory demands)
- Must be able to clear a criminal background check (Live Scan). CDPH makes the final approval of Certification. For questions, please refer to www.cdph.ca.gov
- Clinical site training (at least 100 hours) is a requirement of this program
- Upon completion of the program, students should possess a willingness to secure employment
- CIEL or CIEW. Uniforms are available for purchase at the school
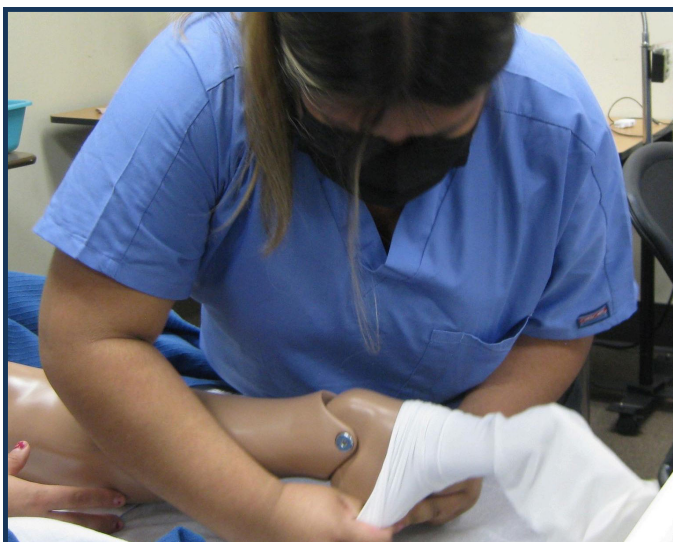
Nurse Assistant – Acute Care

The Acute Care-CNA course focuses on broadening the CNA's scope of knowledge and clinical experience to include skills required to work in an acute care setting such as a hospital. Students taking this course must have successfully completed the NA course & passed the NA state competency test.
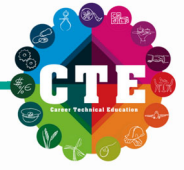
Students must show proof of current BLS CPR training.

Program Requirements:
- Must have completed NA program with a B or better or completed 6 months as a CNA in a long-term care facility
- Must possess current BLS First Aid certification & show card on first day of class
- Must attend all classes as scheduled
- Uniform required (scrubs). Not included in program costs. Specific color requirements: Black Bottoms and Top blue shade called CIEL or CIEW. Uniforms are available for purchase at the school

Contact Registration Staff at (909) 793-3115 ext. 500 for more details

Construction and Facilities Maintenance

Construction and Facilities Maintenance is designed to prepare students for entry-level employment. The program includes instruction in blueprint reading, construction math, industry specific vocabulary, and pre-employment skills. Students will learn proper maintenance and use of tools, equipment, and materials related to industry. Additional topics such as personal health, worksite safety, physical agility and strengthening ensure students understand the importance of safety and the physical abilities required for employment. Activities in the course include work-based learning that connects students to industry, local community, and local apprentice programs. Students will be required to complete 3 hours of independent study outside of class each week.

300 Hours (180 Classroom Hours/120 Hours Work Based Learning)

Program Requirements:
- 18 yrs. of age or older. Must be an Adult student, not required to have a high school diploma.
- Ability to perform required essential functions of a construction worker including safety standards, good physical health & ability to lift 100 lbs.
- Must attend class sessions as scheduled & community classroom is a required part of the program
- Reliable transportation is recommended for community classroom participation
- Upon completion of the program, adult students should possess a willingness to secure employment

Vehicle Maintenance Technician

Learn to diagnose, adjust and repair automotive vehicles. The program includes a community classroom component at the end of training. Curriculum & materials are included. Students learn both in the classroom and in an industry, setting performing the duties of an automotive technician. Students will learn and be responsible for diagnosing and repairing vehicle engine systems including the following:

- Repair brake and steering systems
- Diagnose and repair electrical and electronic systems
- Replace or repair transmissions and fuel components as needed
- Repair cooling components and systems including air conditioners and engine cooling
- Perform emissions inspections, safety checks and similar state-regulated vehicle examinations
- Maintain a clean, safe working environment
- Produce legible and accurate paperwork reflecting work performed

Length: 300 hrs. (180hr. + 120hrs Work-Based Learning) Students are required to complete 3 hrs of independent study each week as assigned.

Program Requirements:
- 18 yrs. of age or older (High school students may attend if 18 yrs. old and attending a CJUSD high school)
- Ability to perform required essential functions of an automotive technician including safety standards, good physical health & ability to stoop & bend
- Upon completion of the program, adult students should possess a willingness to secure employment
- Driver's License, clean driving record and reliable transportation is recommended upon seeking employment

www.cryrop.edu

Career Readiness Specialists (CRS)

What do Career Readiness Specialists do?

Career Readiness Specialists provide career guidance, recruitment, and placement services on each high school campus that CRY-ROP serves. They provide information on our programs, and are your go-to people for career planning and support. Career Readiness Specialists help you research your options for after high school based on your interests and goals, while they assist you with developing career, education, and job search skills.

Jacob Aguilar	Grand Terrace HS	(909) 580-5006 x4930	jacob_aguilar@cry-rop.org
Gabriel Bustillos	Redlands HS	(909) 307-5500 x30412	gabriel_bustillos@cry-rop.org
Diana Carballo	Bloomington HS	(909) 580-5004 x3037	diana_carballo@cry-rop.org
Elizabeth Fregoso	Colton HS	(909) 580-5005 x2350	elizabeth_fregoso@cry-rop.org
Steven Lujan	Redlands East Valley HS	(909) 389-2500 x32117	steven_lujan@cry-rop.org
Yvette Rosevear	Yucaipa HS	(909) 797-0106 x1136	yvette_rosevear@cry-rop.org
Payton Slover	Citrus Valley HS	(909) 799-2300 x34161	payton_slover@cry-rop.org

all CRY-ROP students will

be connected to
INDUSTRY
experiences
to enhance their
learning

be provided the
OPPORTUNITY
to earn articulated
credits and/or meet
UC/CSU A-G
entrance
requirements

develop
LEADERSHIP
skills through
embedded program
activities

develop
CAREER
readiness through
program activities

Colton-Redlands-Yucaipa ROP

1214 Indiana Court, Redlands, CA 92374

www.cryrop.org │ (909) 793-3115