



Agriculture & Natural Resources

Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation. The pathways emphasize real-world, occupationally relevant experiences of significant scope and depth. Integral components of classroom and laboratory instruction, supervised agricultural experience projects, and leadership and interpersonal skills development prepare students for continued training, advanced educational opportunities, or entry to a career.

Career Academy of Special Interest (CASI) Transfer Available



Ag. Mechanics (Fabrication)

Ag Mechanics I

Ag Mechanics II

Ag Welding (2 Period)

Ag Fabrication (2 Period) +

Ag. Mechanics (Power)

Ag Mechanics I

Small Engines +

Diesels

Power Systems (2 Periods)

Agriscience

Ag Biology (*D)

Ag Chemistry (*D)

Ag Physics (*D)

Animal Science

Intro to Animal Agriculture (*G)

Small Animal Vet Care

Animal Science III (*G)

Veterinary Science (2 Period) (*G)

Ornamental Horticulture

Floral Design (*F)

Advanced Floral Design

Retail Floral

Plant Science

The Art of Plant Science (*F)

Viticulture & Crops (*G)

Crop Production

Ag. Business

Intro to Ag. Business + (*G)

Foundations of Money and Finance in Ag. Business +

Ag. Econ (*G) and Government +(*A)



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Certifications

- Precision Exams
- OSHA10

Certifications

- Precision Exams
- OSHA10
- AED Accreditation

Certifications

- Precision Exams

Certifications

- Precision Exams
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Certifications

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*Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity



Arts, Media, and Entertainment



Core arts-sector occupations demand constantly varying combinations of artistic imagination, metaphoric representation, symbolic connections, and technical skills. Successful career preparation involves both broad and in-depth academic and technical preparation as well as the cultivation of twenty-first-century skill assets, such as flexibility, problem-solving abilities, and interpersonal skills. The anchor and pathway standards make explicit the appropriate knowledge, skills, and practical experience students should have in order to pursue their chosen profession, whether that profession requires postsecondary education, graduate training, or apprenticeship.



Production and Managerial Arts

Theatre Arts I (*F)

Theater Technology (*F)

Theater Production (2 Periods) (*F)

Performing Arts

Theatre Arts I (*F)

Theatre Arts II (*F)

Performing Arts (2 Periods) (*F)

Design Visual and Media Arts

Digital Creation (*F)

Digital Art Photography (*F)

Video & Animation (2 Periods) (*F) +

Digital Video Production and Broadcast (2 Periods) (*F) +

Certifications
- Precision Exams



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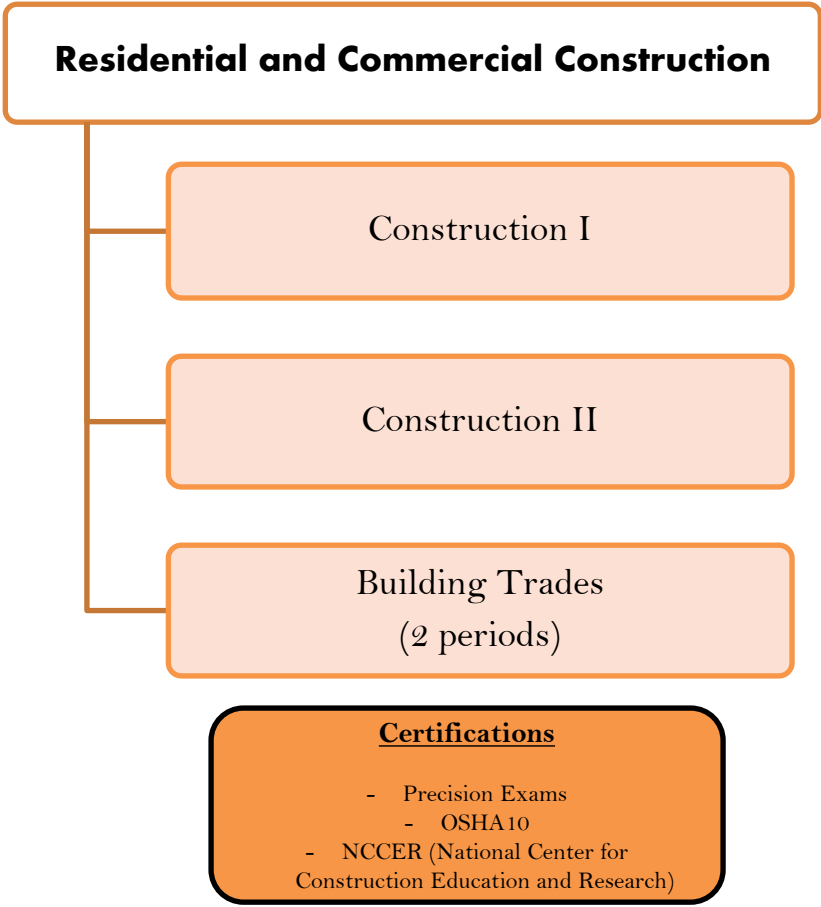
Building and Construction Trades



Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in the Building and Construction Trades industry. The sector encompasses four career pathways: Cabinetry, Millwork, and Woodworking; Engineering and Heavy Construction; Mechanical Systems Installation and Repair; and Residential and Commercial Construction. These pathways emphasize processes, systems, and the way in which structures are built. The knowledge and skills are acquired in a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction. Standards included in the Building and Construction Trades sector are designed to prepare students for technical training, postsecondary education, and entry to a career.



Career Academy
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Transfer
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Education and Child Development

The Child Development pathway provides students with the skills and knowledge they need to pursue careers in child care and related fields, and the Education pathway emphasizes the preparation of students to become teachers. The standards are designed to integrate academic and career technical concepts. The anchor standards include Consumer and Family Studies comprehensive technical knowledge and skills that prepare students for learning in the pathways. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on projects, work-based instruction, and leadership development—for example, through Family, Career and Community Leaders of America (FCCLA).



Child Development (Birth to TK)

Careers in Education

Children's Literature -10th (*B)
 # Contemporary Issues in Education-11th (*B)

Child Growth and Development +

Careers in Early Childhood Education (2 periods) (*G)

- Certifications**
- Precision Exams
 - CPR/First Aid
 - Paraprofessional

Education (K-12)

Careers in Education

Children's Literature -10th (*B)
 Contemporary Issues in Education-11th (*B)

Child Growth and Development +

Foundations of an Educator (2 Periods) +(*G)

- Certifications**
- Precision Exams
 - CPR/First Aid
 - CBEST
 - Paraprofessional



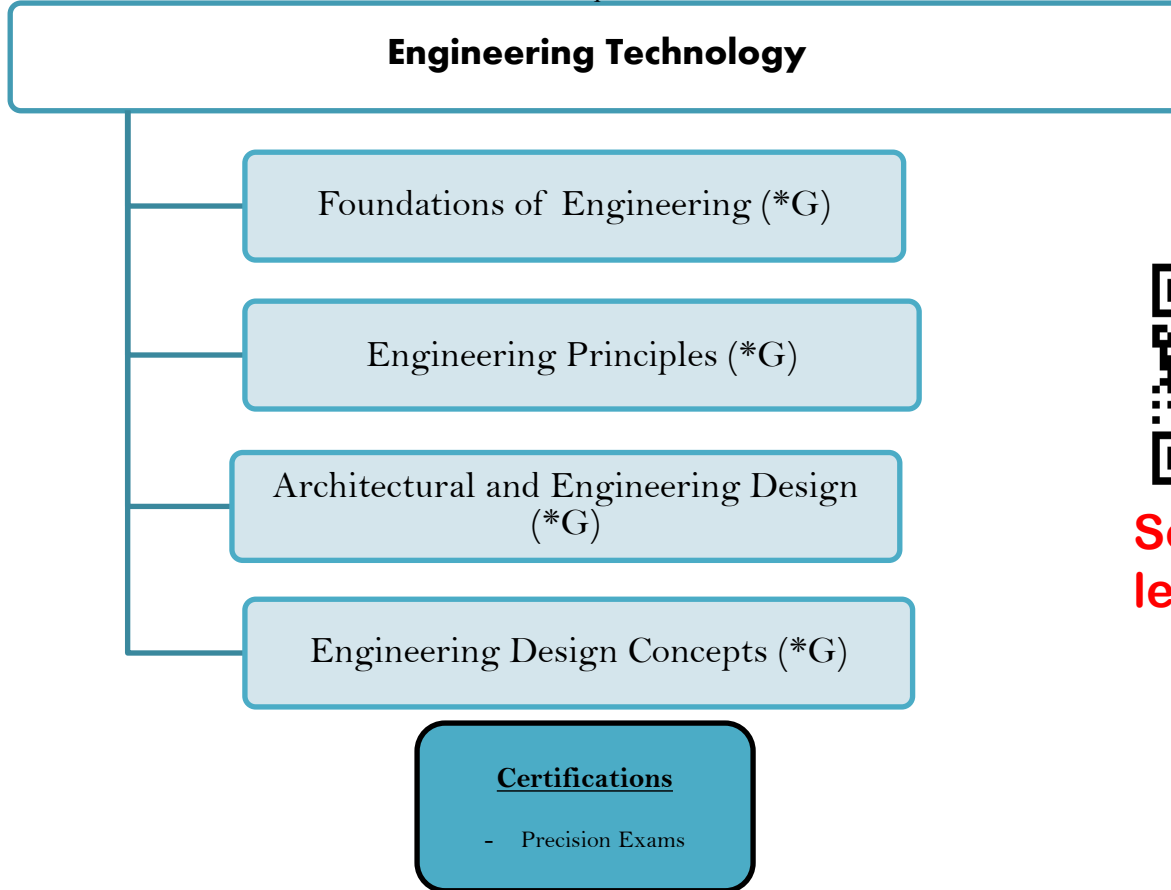
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* Receives CSU/UC, A-G Credit; #Recommended not towards pathway completion; + College Credit Opportunity



This sector is designed to provide a foundation in engineering, architecture, and design for students in California. Students are engaged in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and career preparation. To prepare students for continued training, advanced educational opportunities, and direct entry to a career, the Engineering and Architecture programs offer the following components: classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership and interpersonal skills development.

Career Academy
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Health Science and Medical Technology

The standards in this sector represent the academic and technical skills and knowledge students need to pursue a full range of career opportunities in health science and medical technology, from entry level to management as well as technical and professional career specialties. The standards describe what workers need to know and be able to do to contribute to the delivery of safe and effective health care. The six career pathways are grouped into functions that have a common purpose and require similar attributes.



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Human Anatomy recommended for all Health students. Non-CTE



Patient Care (Nursing)
MHS and MSHS ONLY

- Exploring Health (*G)
- Medical Terminology(*G)+
- Nursing Services (2 Periods)

Certifications

- Precision Exams
- CPR/First Aid
- Basic Life Support
 - OSHA 10
- Certified Nursing Assistant
- Mental Health First-Aid

Patient Care (Athletic)

- Exploring Health (*G)
- Medical Terminology(*G)+
- Sports Medicine (2 Periods) (*G)#
- Athletic Training (2 Periods) #

Certifications

- Precision Exams
- CPR/First Aid
- Basic Life Support
 - OSHA10
- Mental Health First-Aid

Patient Care (Medical)

- Exploring Health (*G)
- Medical Terminology(*G)+
- Medical Careers (2 Periods) (*G)+

Certifications

- Precision Exams
- CPR/First Aid
- Basic Life Support
 - OSHA10
- Stop the Bleed
- Mental Health First-Aid

Mental and Behavioral Health (MTHS Only)

- Exploring Health (*G)
- Intermediate Mental & Behavioral Health (*G)
- Psychopathology & Mental Health Careers (*G)

Certifications

- Precision Exams
 - OSHA10
- Mental Health First-Aid

* Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity

Hospitality, Tourism, and Recreation



The Hospitality, Tourism, and Recreation sector provides students with the academic and technical preparation necessary to pursue high-skill, high-demand careers in these related and growing industries. The sector encompasses three distinct, yet interrelated, career pathways: Food Science, Dietetics, and Nutrition; Food Service and Hospitality; and Hospitality, Tourism, and Recreation. The standards are designed to integrate academic and career technical concepts. The knowledge and skills are acquired within a sequential, standards-based pathway program that integrates hands-on projects, work-based instruction, and leadership development such as that offered through FHA-HERO, the California affiliate of Family, Career and Community Leaders of America (FCCLA).



Food Service and Hospitality

Culinary Arts I

Culinary Arts II (*F)

Advanced Culinary Arts
(2 Periods) (*G)+

Certifications

- Precision Exams
- Food Handlers
- ServSafe



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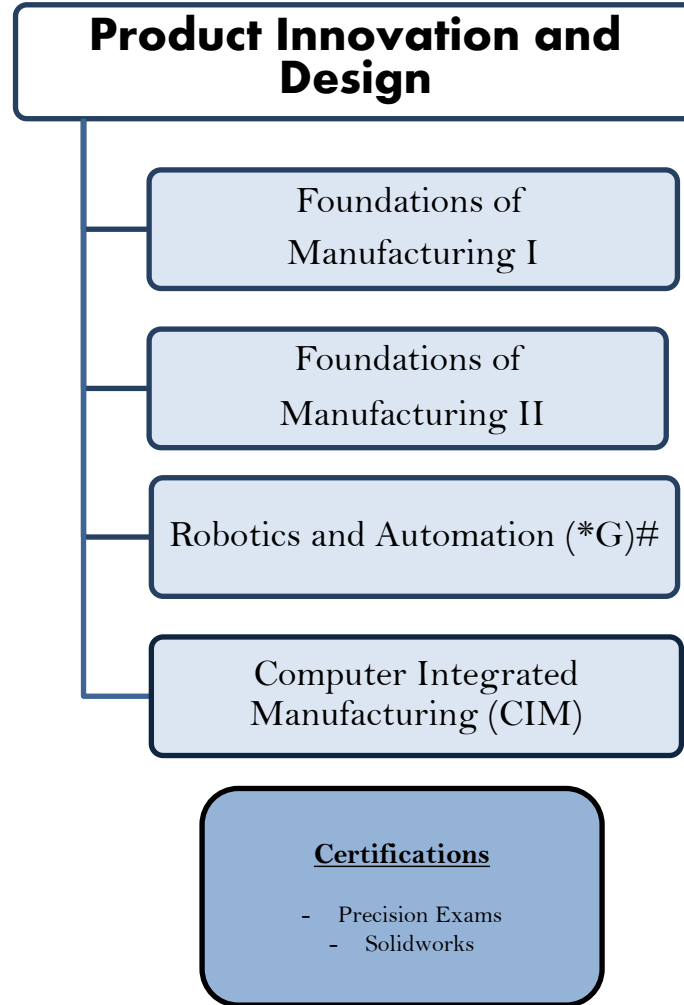
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Manufacturing & Product Development



The Manufacturing and Product Development sector provides a foundation for secondary students in California in manufacturing processes and systems, including graphic design production, machine tooling and forming, welding and materials joining, and product innovation and design. Students engage in an instructional program that integrates academic and technical preparation and focuses on career awareness, career exploration, and skill preparation in four pathways.



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Marketing Sales and Service

The Marketing, Sales, and Services sector is designed to align career-path course work with current and projected employment opportunities. There is a basic business foundation in this sector: marketing and innovation are two major competitive issues for business today. Marketing includes the processes and techniques of identifying, promoting, and transferring products or services to consumers and is a function of almost every business. It exists within an environment of rapidly changing technology, interdependent nations and economies, and increasing demands for ethical and social responsibility.



Entrepreneurship and Self Employment

Media Arts Application (*F)

Business & Innovation (*G)

Entrepreneurship

Certifications

- Precision Exams
- Microsoft Office Systems

Marketing

Media Arts Application (*F)

Graphic Design (*F)

Marketing +

Certifications

- Precision Exams



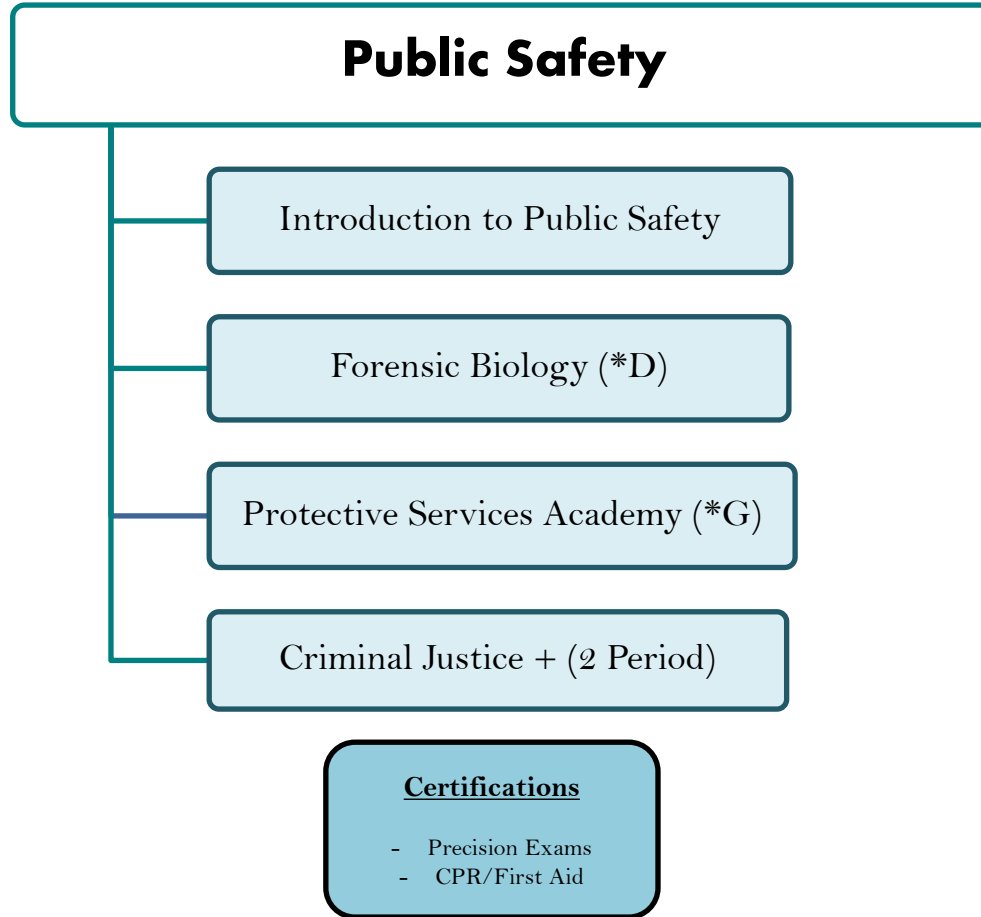
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Public Services



The Public Safety pathway prepares students with a broad-based foundational knowledge in careers that involve public safety. The educational foundation will assist students who wish to pursue related professional training at the postsecondary level. Students will gain experience through classroom instruction, hands-on training, and community exercises. The evolving integration of state public safety organizations, their connections with federal and state intelligence and security agencies, interoperability and coordination of effort, and the shared mission to protect the public in a post-9/11 world are areas of emphasis for the pathway. The careers included in this pathway primarily address law enforcement services, homeland and cyber security services, and correctional services.



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Public Safety

Introduction to Public Safety

Forensic Biology (*D)

Protective Services Academy (*G)

Certifications

- Precision Exams
- CPR/First Aid



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Transportation

The pathways in the Transportation sector emphasize real-world, occupationally relevant experiences of significant scope and depth. Integral components include classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership development. The standards in this sector prepare students for continued training, postsecondary education, and entry to a career. The two focus areas are automotive and heavy or Semi-Truck repair.



Automotive: Systems, Diagnostic, Service and Repair

Heavy Truck: Systems, Diagnostic, Service and Repair

Career Academy
of Special
Interest (CASI)
Transfer
Available

Exploration of Transportation
(*G)

Exploration of Transportation
(*G)

Automotive Systems
Technology (2 Period) #

Medium/Heavy Truck Repair I

TBD

Advanced Heavy Truck



Certifications

- Precision Exams
- OSHA10
- ASE Certification starting 2023-2024

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