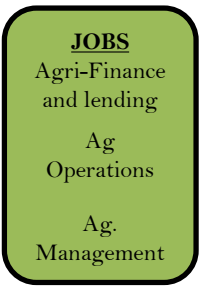
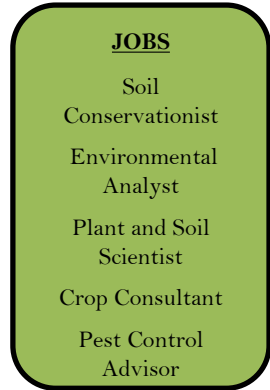
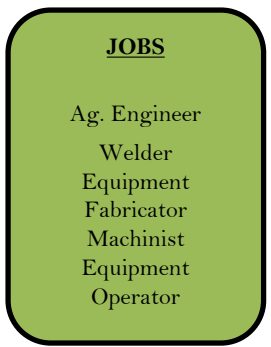
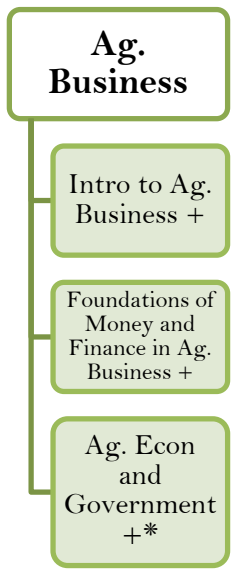
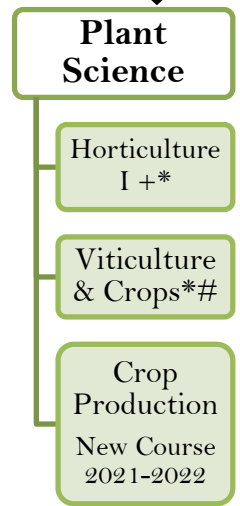
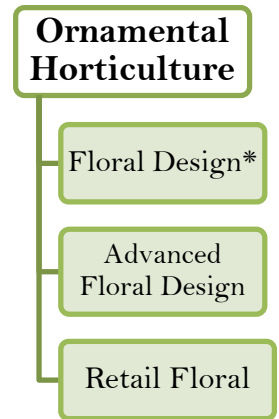
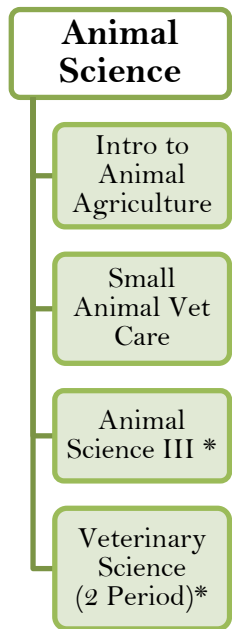
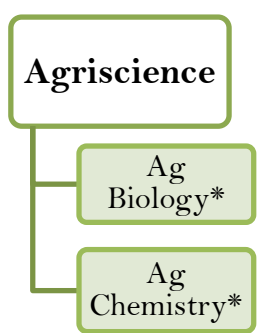
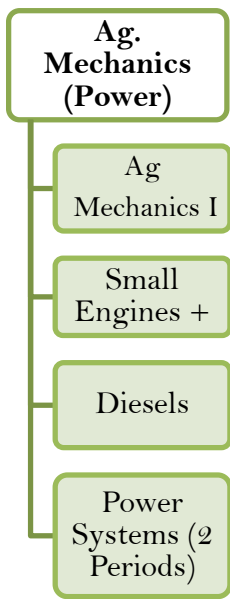
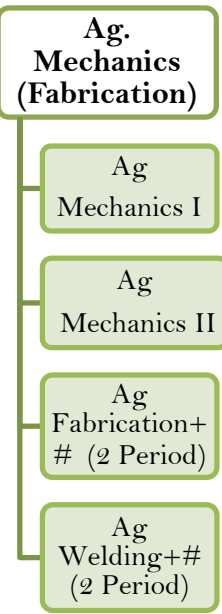




Agriculture & Natural Resources

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



*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

Language Takes the Stage *
and Drama 1 *\$

Theater
Technology*

Theater Production
(2 Periods)*#

Social Action
Theater *

- JOBS**
- Producers/Directors
 - Manager/Production
 - Manager Talent
 - Management Theatrical
 - Broadcast Technician

Performing Arts

Language Takes the Stage *
and Drama 1 *\$

Drama II*

Performing Arts
(2 Periods)*#

Social Action
Theater *

- JOBS**
- Actor (e.g., Stage, Film, Video, DVD)
 - Performing Artist
 - Singer/Dancer
 - Voiceover Artist
 - Narrator

Game Design and Integration

Media Arts
Applications*

Video Game
Design

Interactive Game
Design
(2 Periods)

- JOBS**
- 2-D/3-D Animator
 - Computer Game Designer/Developer
 - Electronic Simulation Consultant

Design Visual and Media Arts

Media Arts
Applications*

Digital Art
Photography*

Video & Animation
(2 Periods)*

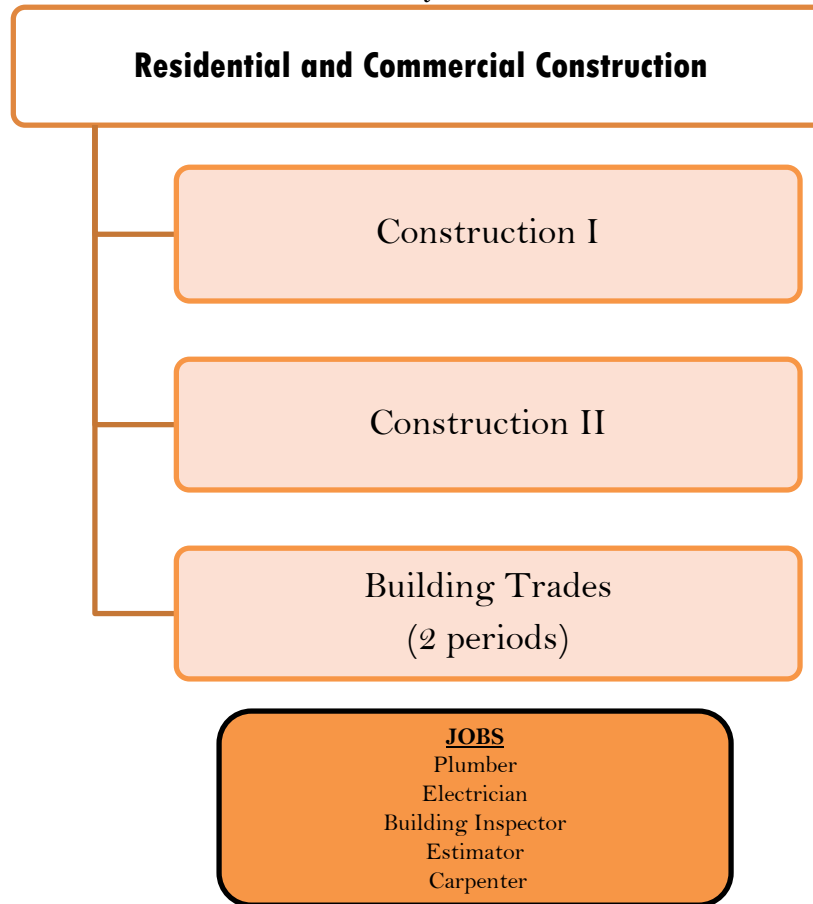
- JOBS**
- Digital Animator
 - Artistic Director
 - Commercial Artist
 - Web Designer
 - Museum Curator
 - Video Technician

* Receives CSU/UC, A-G Credit; #Offered on Alternating Year; \$ Not a CTE Course

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.

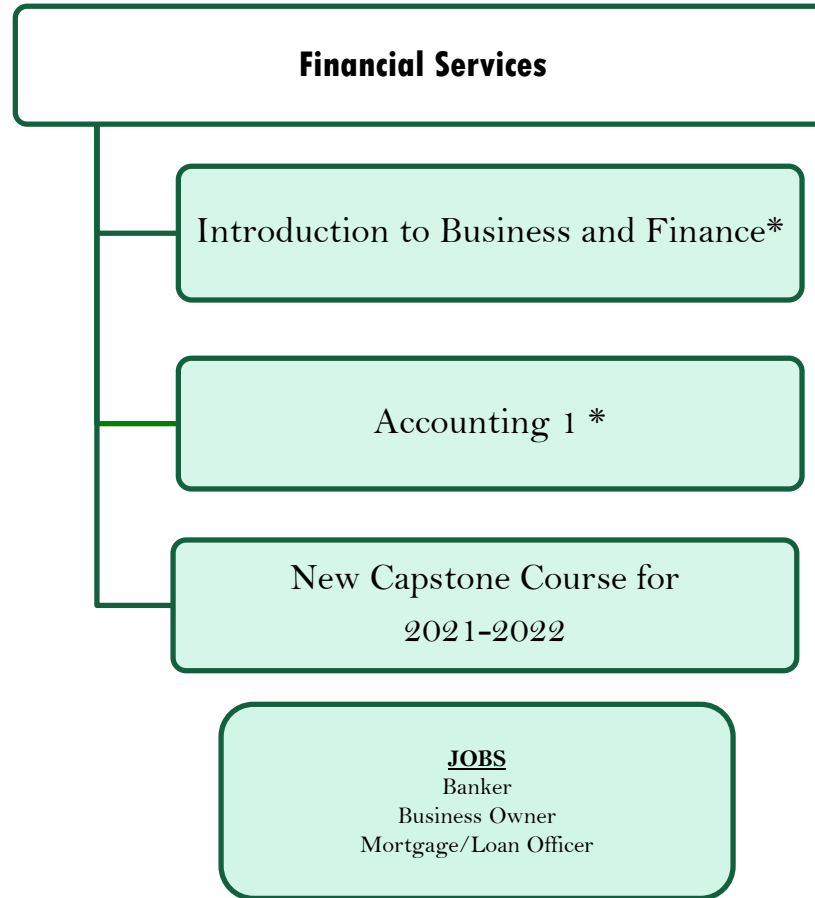


Career Academy of Special Interest (CASI) Transfer Available

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

Business and Finance

Persons trained in fields such as business management, international trade, and various financial services specialties (e.g., accounting, banking, and investing) will find that their skills are highly marketable. Students master basic business principles and procedures before proceeding to the career path specializations. The specializations emphasize concepts of accounting and finance, including computer applications, taxes, investments, and asset management as well as pathways in international business and business management. Because almost every business and organization has a financial and management component, students will find that opportunities exist in many career paths in addition to those in business and finance.



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



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*
Contemporary Issues in Education-11th*

Child Growth and Development +

Careers in Early Childhood Education (2 periods)+*

- JOBS**
- Child Care Worker
 - Child Development Specialist
 - Child Psychologist
 - Family Service Advocate

Education (K-12)

Careers in Education

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

Child Growth and Development +

Foundations of an Educator (2 Periods) +*

- JOBS**
- Primary/Secondary School Teacher
 - School Counselor
 - Educational Administrator
 - Speech Therapist

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

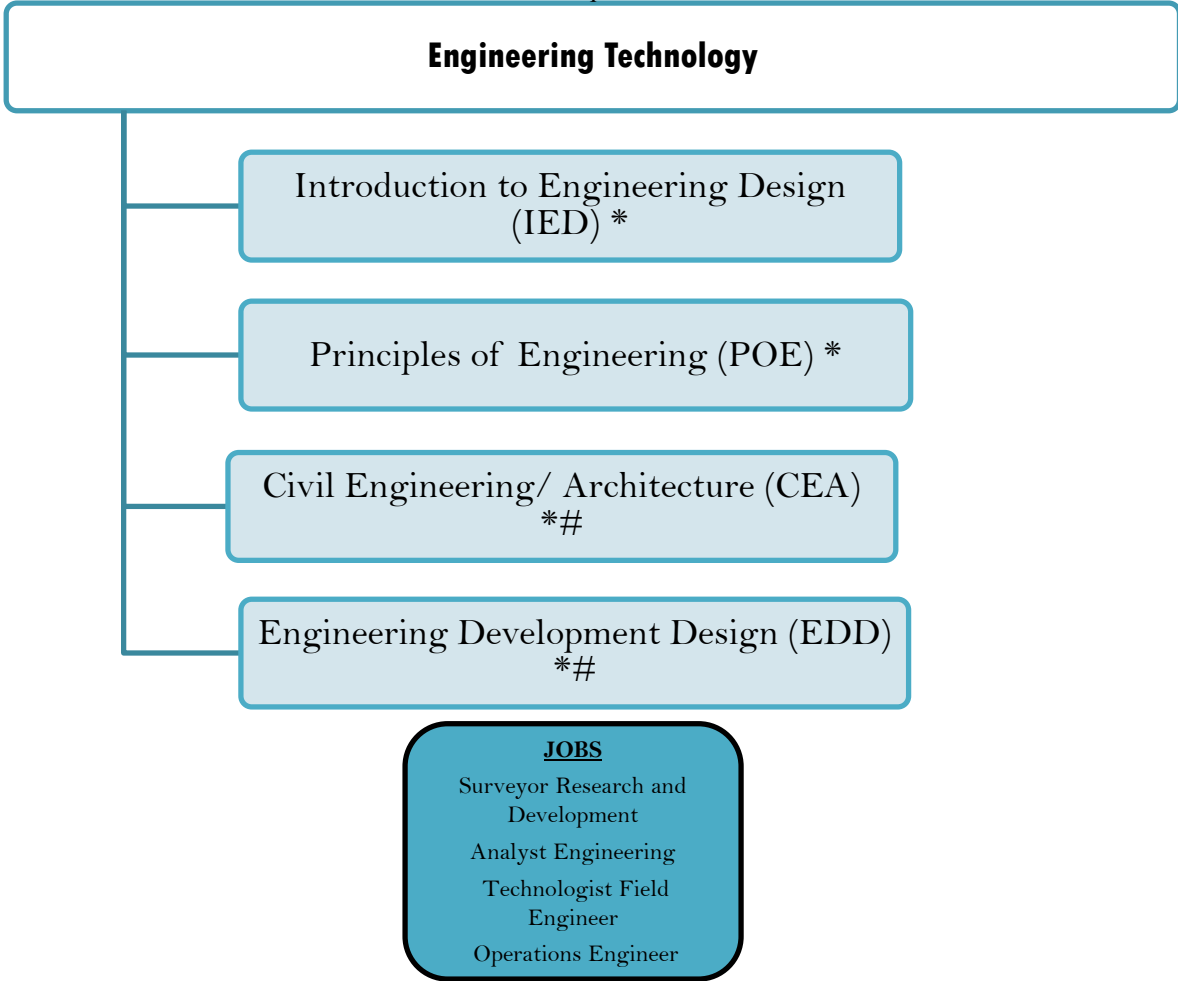


Engineering and Architecture



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
of Special
Interest (CASI)
Transfer
Available



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



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. The pathways are Biotechnology, Patient Care, Health Care Administrative Services, Health Care Operational Support Services, Public and Community Health, and Mental and Behavioral Health. Standards for each career path build on and continue the anchor standards with more complexity, rigor, and career specificity.



Patient Care (Nursing) MHS and MSHS ONLY

Exploring Health*

Medical Terminology*+

Nursing Services
(2 Periods) +

JOBS
Certified Nursing Assistant
Licensed Vocational Nurse
Registered Nurse
Nurse Practitioner

Patient Care (Athletic)

Exploring Health*

Medical Terminology*+

Sports Medicine (2 Periods)*#

Athletic Training
(2 Periods) #

JOBS
Kinesiotherapist
Athletic Trainer

Patient Care (Medical)

Exploring Health*

Medical Terminology*+

Medical Careers (2 Periods)*+

JOBS
Occupational Therapy
Doctor
Radiology
Dental
Other Interests in Medical

Mental and Behavioral Health (MTHS Only)

Exploring Health*

Intermediate Mental & Behavioral Health *

New MB Capstone Course 2020-2021

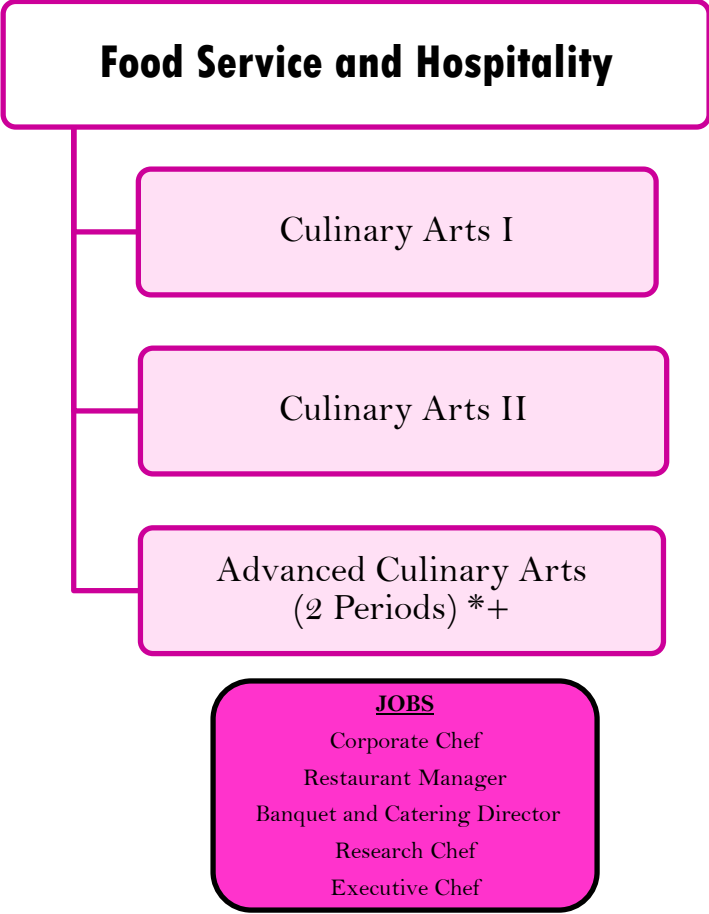
JOBS
Marriage and Family Therapist
Psychology
Mental Health Counselors

* 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).



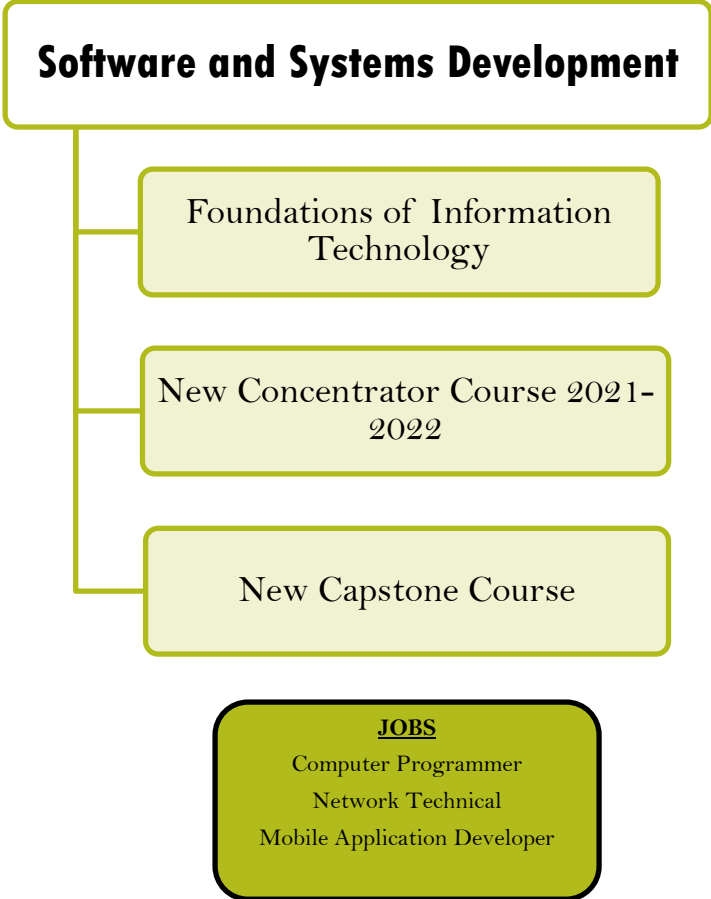
* Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity

Information & Communication Technology



Information and Communication Technologies (ICT) have expanded the need for employees who can understand, manage, and support all rapidly emerging, evolving, and converging computer, software, networking, telecommunications, Internet, programming, and information systems.

Essential skills for careers in the ICT sector include understanding systems that support the management and flow of data, the ability to work well and communicate clearly with people, and the ability to manage projects efficiently. The ICT sector meets national criteria for high demand, high wages, and high skills and provides students with excellent opportunities for interesting work and good pay.



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



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

Marketing

Media Arts Application*

Microsoft Office Systems +

Entrepreneurship

Media Arts Application*

Graphic Design *

Marketing +

- JOBS**
- Business Owner
 - Consultant
 - Insurance Broker
 - Meeting/Event Planner
 - Travel Agent

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



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.



Product Innovation and Design

Foundations of Manufacturing I

Foundations of Manufacturing II

Robotics and Automation *#

Computer Integrated Manufacturing (CIM) *#

JOBS

- Commercial/Industrial Designer
- CAD Designer
- Model Maker
- Product Developer
- Product Manager

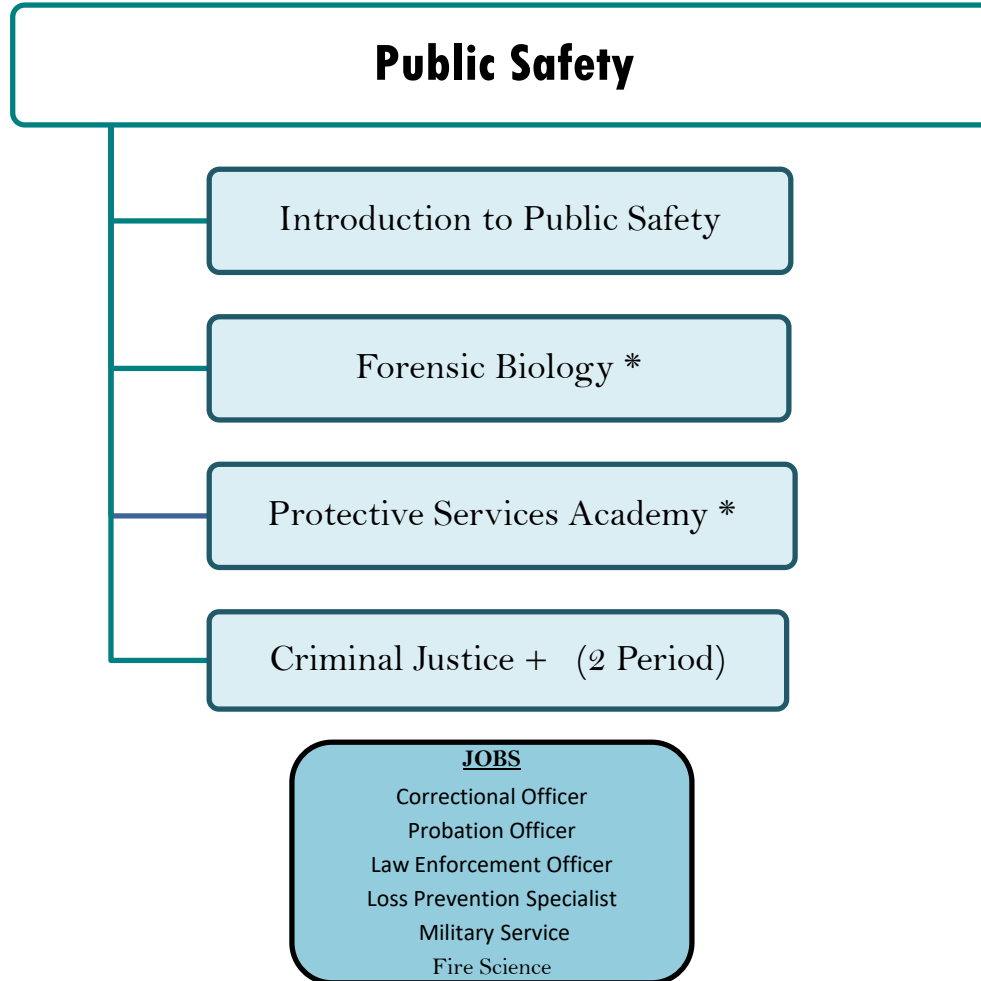
Career Academy of Special Interest (CASI) Transfer Available

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

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.



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



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

Exploration of Transportation

Exploration of Transportation

New Automotive Concentrator
2021-2022

New Heavy Truck Concentrator
2021-2022

New Automotive Capstone
2022-2023

New Heavy Truck Capstone
2022-23

Career Academy
of Special
Interest (CASI)
Transfer
Available

JOBS

Auto Mechanic
Diesel Mechanic
Alignment Technician

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