



Ways to Meet College and Career Indicator

College/Career Readiness		
PREPARED	APPROACHING PREPARED	NOT PREPARED
<p> Smarter Balanced Summative Assessments: Score of Level 3 "Standard Met" or higher on both English language arts/literacy (ELA) and mathematics</p> <p> Advanced Placement (AP) Exams: Score of 3 or higher on two AP exams</p> <p> International Baccalaureate (IB) Exams: Score of 4 or higher on two IB exams</p> <p> College Credit Courses: Two semesters or three quarters of college coursework with a grade of C- or better in academic/CTE subjects where college credit is awarded</p> <p> State Seal of Biliteracy (SSB): SSB awarded and score of Level 3 or higher in ELA on the Smarter Balanced Summative Assessments</p> <p> Leadership/Military Science: Two years of Leadership/Military Science, score of Level 3 or higher in ELA or math, and Level 2 "Standard Nearly Met" or higher in other subject area</p> <p> University of California (UC) and California State University (CSU) a-g requirements: Complete a-g course requirements with a grade of C- or better plus one of the Additional Criteria from the box below</p> <p> Career Technical Education (CTE) Pathway: Pathway completion with a grade of C- or better in the capstone course plus one of the Additional Criteria from the box below</p>	<p> Smarter Balanced Summative Assessments: Score of Level 2 "Standard Nearly Met" on both ELA and mathematics</p> <p> College Credit Courses: One semester or two quarters of college coursework with a grade of C- or better in academic/CTE subjects where college credit is awarded</p> <p> UC and CSU a-g requirements: Complete a-g course requirements with a grade of C- or better</p> <p> CTE Pathway: Pathway completion with a grade of C- or better in the capstone course</p> <p> Leadership/Military Science: Two years of Leadership/Military Science</p>	<p>Did not meet any of the measures or did not graduate.</p>
<p>Additional Criteria</p> <p> Smarter Balanced Summative Assessment Scores:</p> <ul style="list-style-type: none"> Level 3 or higher on ELA and at least a Level 2 in mathematics, or Level 3 or higher on mathematics and at least a Level 2 in ELA <p> One semester/two quarters of College Credit Courses with a grade of C- or better in academic/CTE subjects</p> <p> Score of 3 on one AP exam or score of 4 on one IB Exam (for a-g requirement only)</p> <p> Completion of CTE Pathway (for a-g requirement only)</p>	<p>Criteria Key</p> <p> Assessment</p> <p> Coursework</p>	

A-G Designation Key to Use with Pathway Charts

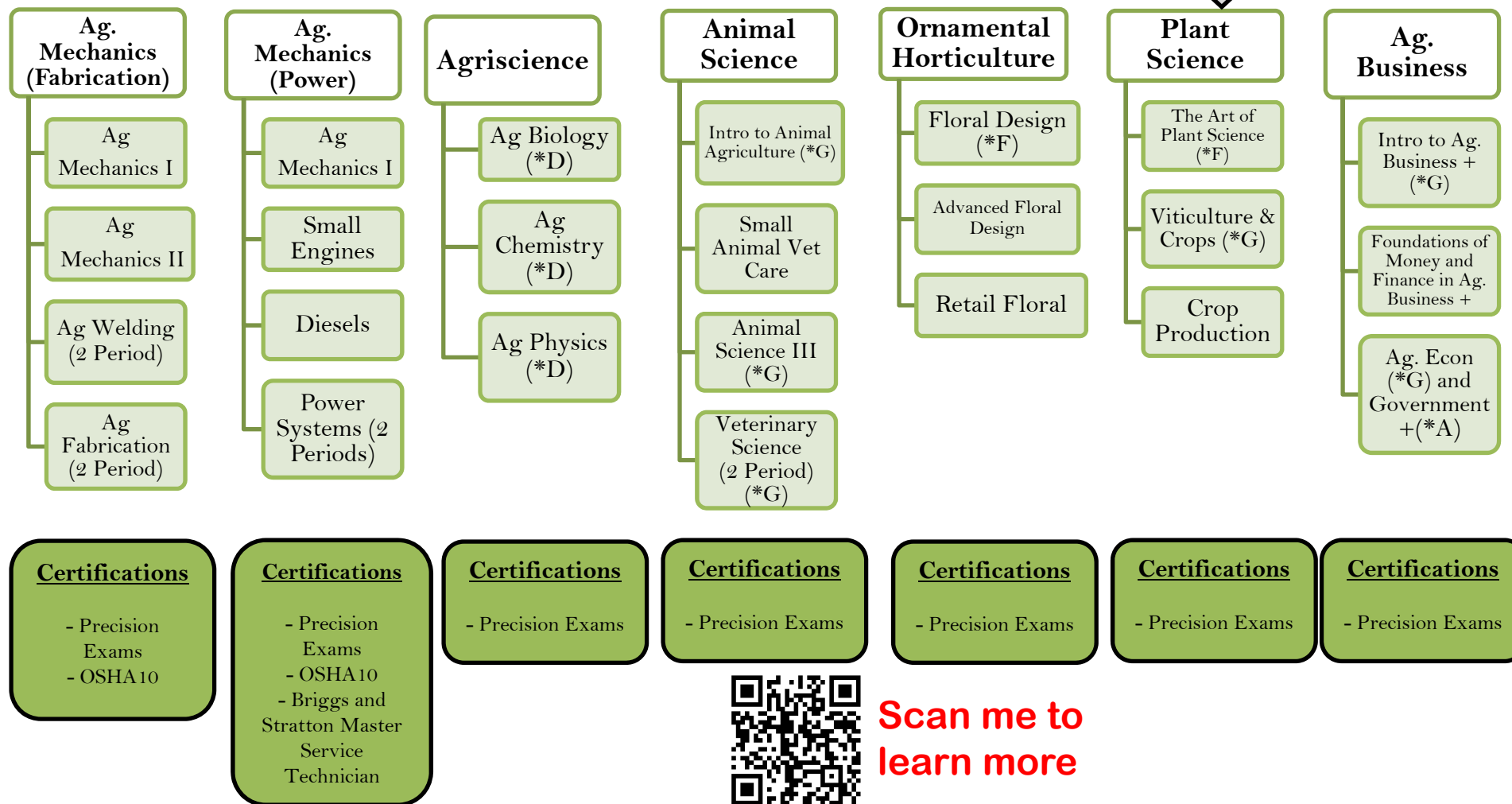
A	History/Social Science 2 Years Required
B	English 4 Years Required
C	Mathematics 3 Years Required 4 Years Recommended
D	Laboratory Science 2 Years Required 3 Years Recommended
E	Language Other Than English 2 Years Required - 3 Years Recommended
F	Visual and Performing Arts 1 Year Required
G	College Preparatory Electives* 1 Year Required



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

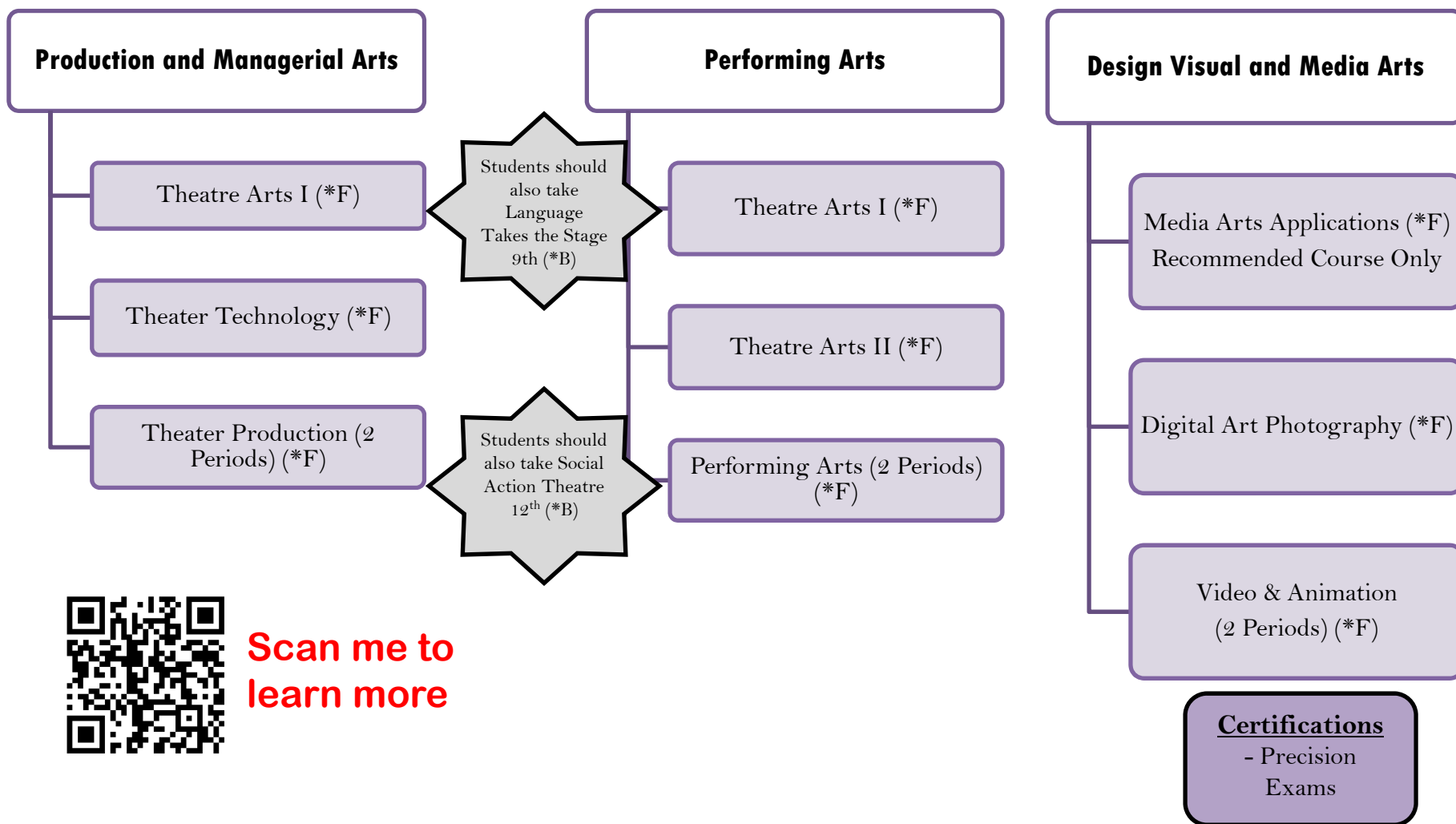


*Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity



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.



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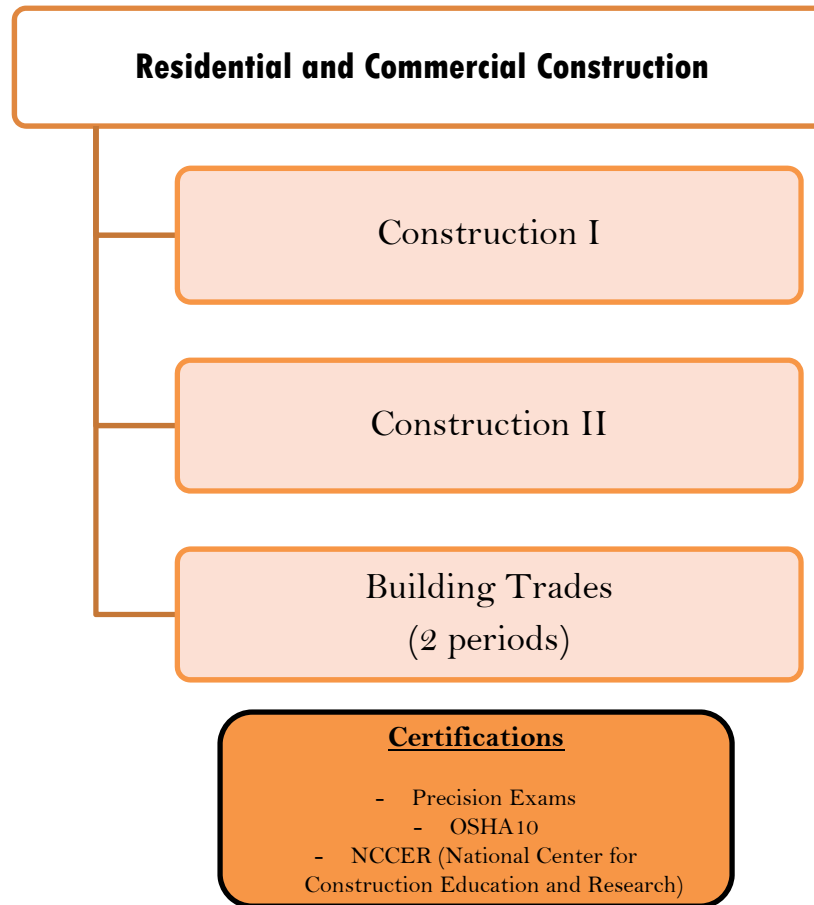
* Receives CSU/UC, A-G Credit; #Offered on Alternating Year + College Credit Opportunity



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.



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



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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

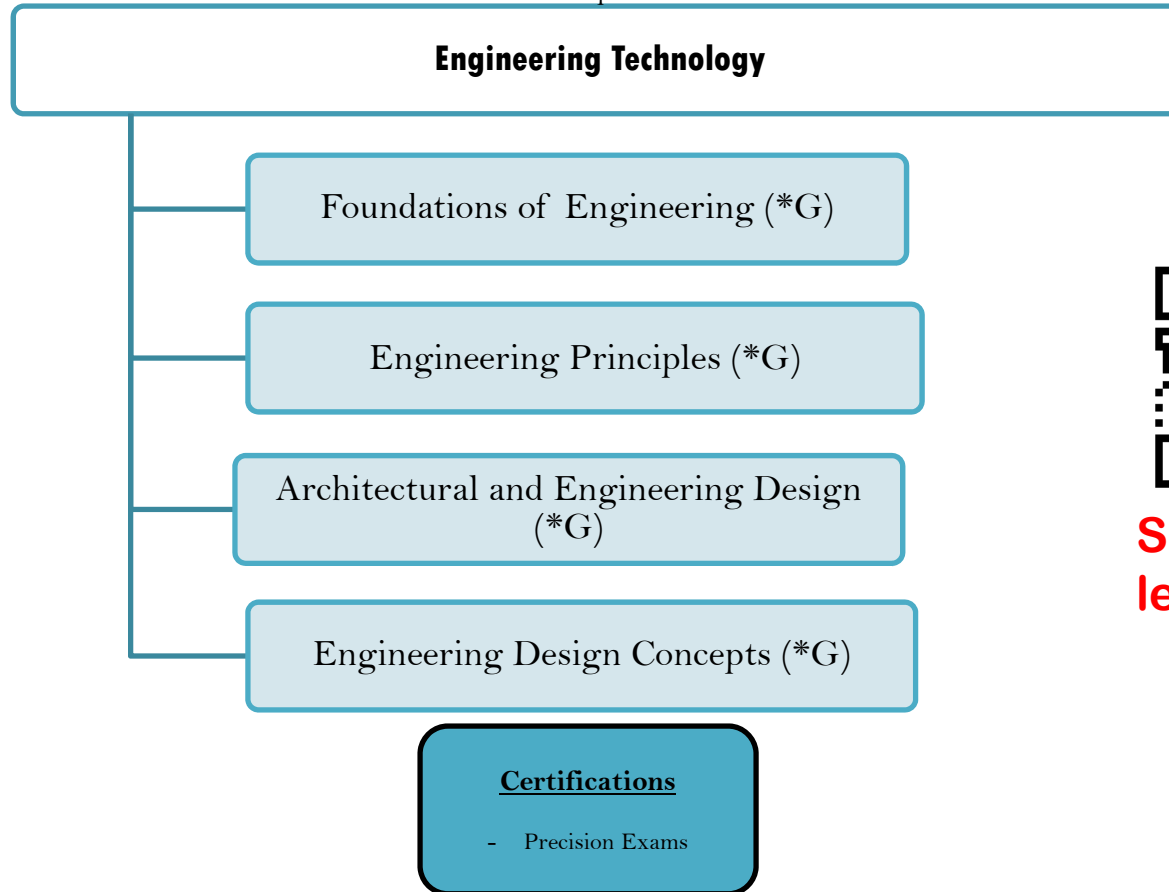
* Receives CSU/UC, A-G Credit; #Recommended not towards pathway completion; + College Credit Opportunity



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.



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* 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.



Human Anatomy recommended for all Health students. Non-CTE

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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
 - OSHA10
- 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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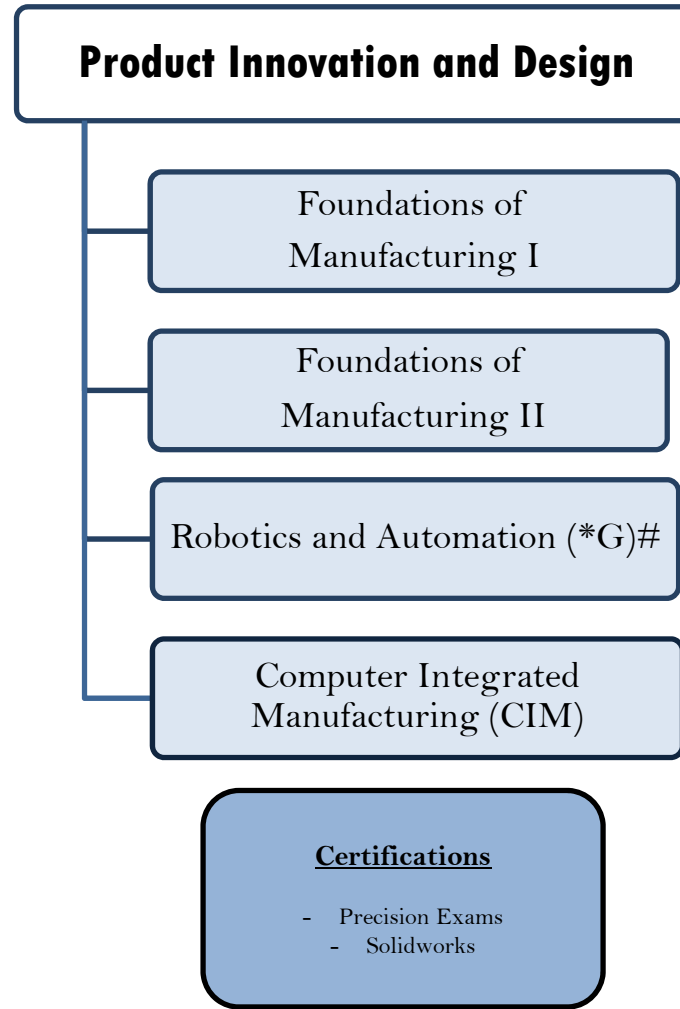
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Manufacturing & Product Development



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

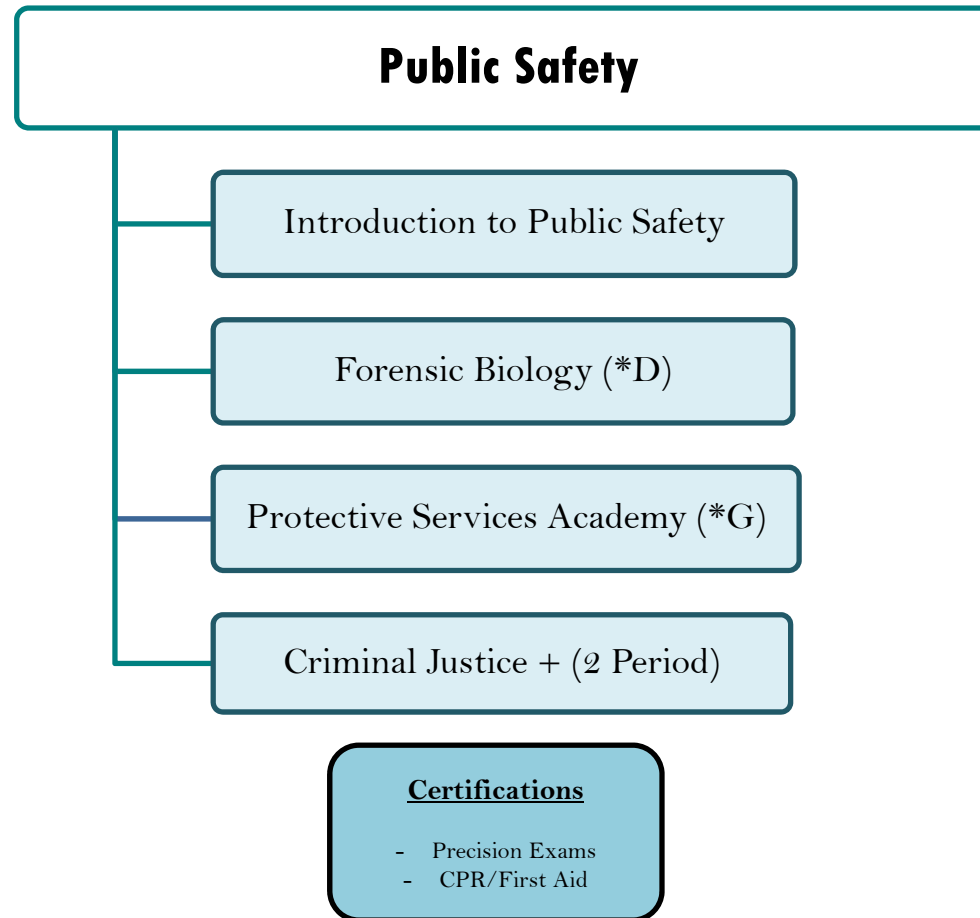
* Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity



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.



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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

Exploration of Transportation (*G)

Automotive Systems Technology (2 Period) #

TBD

Heavy Truck: Systems, Diagnostic, Service and Repair

Exploration of Transportation (*G)

Medium/Heavy Truck Repair I

Advanced Heavy Truck

Certifications

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

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

<http://www.maderacte.com/>

CASI Applications

When, February 15, 2023 by 4:30pm

Where: College and Career Readiness Department

1902 Howard Rd

Madera, CA 93637