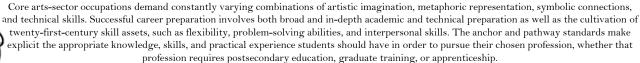
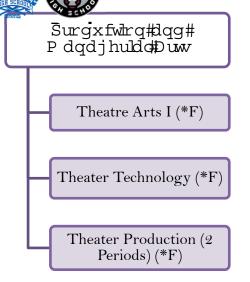


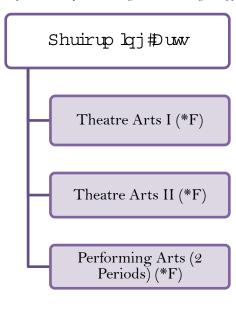
<sup>\*</sup>Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity

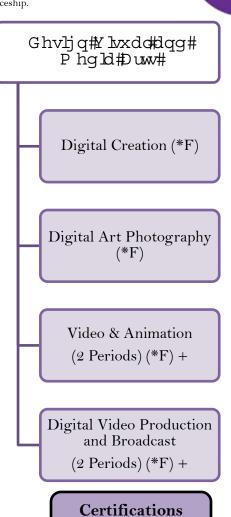
# Arts, Media, and Entertainment













- Precision Exams

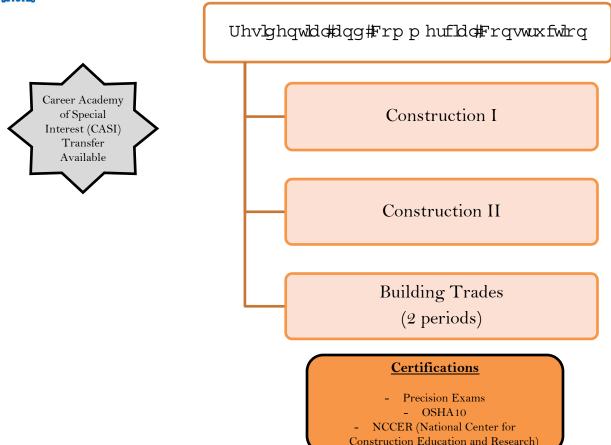


# **Building and Construction Trades**





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.





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).









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Careers in Education

Children's Literature -10<sup>th</sup> (\*B) # Contemporary Issues in Education-11<sup>th</sup> (\*B)

> Child Growth and Development +

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

Scan me to learn more

#### **Certifications**

- Precision Exams
- CPR/First Aid
- Paraprofessional

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Careers in Education

# Children's Literature -10<sup>th</sup> (\*B) Contemporary Issues in Education-11<sup>th</sup> (\*B)

# Child Growth and Development +

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

#### **Certifications**

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

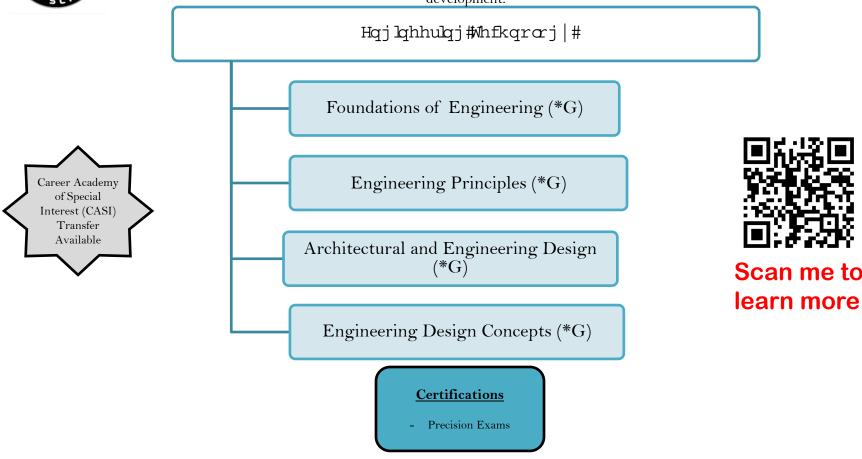
<sup>\*</sup> Receives CSU/UC, A-G Credit; #Recommended not towards pathway completion; + College Credit Opportunity

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.





# 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.

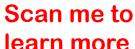








Human Anatomy recommended for all Health students. Non-CTE





### **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**

- CPR/First Aid
- Basic Life Support

### **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**

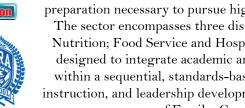
- Precision Exams
- Mental Health First-Aid

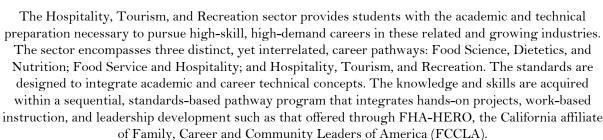
- Precision Exams
- OSHA10
- Mental Health First-Aid

- OSHA10

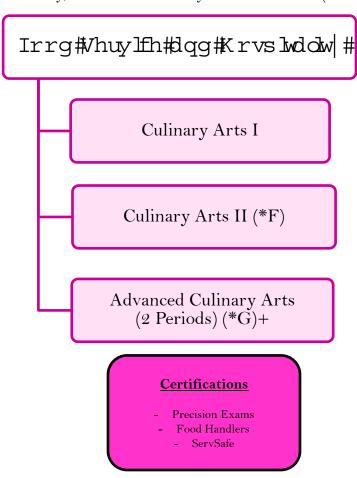
<sup>\*</sup> Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity

Hospitality, Tourism, and Recreation













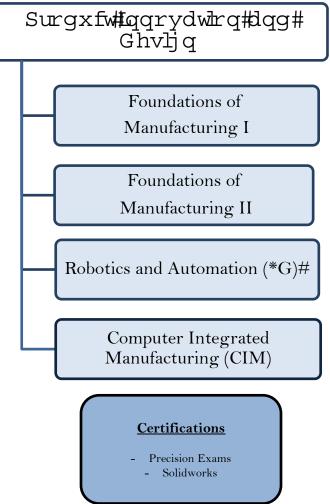
### Manufacturing & Product Development



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.











# 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.





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**Marketing** 



Scan me to learn more

Media Arts Application (\*F)

Business & Innovation (\*G)

Entrepreneurship

Certifications

- Precision Exams Microsoft Office Systems

Media Arts Application (\*F)

Graphic Design (\*F)

Marketing +

**Certifications** 

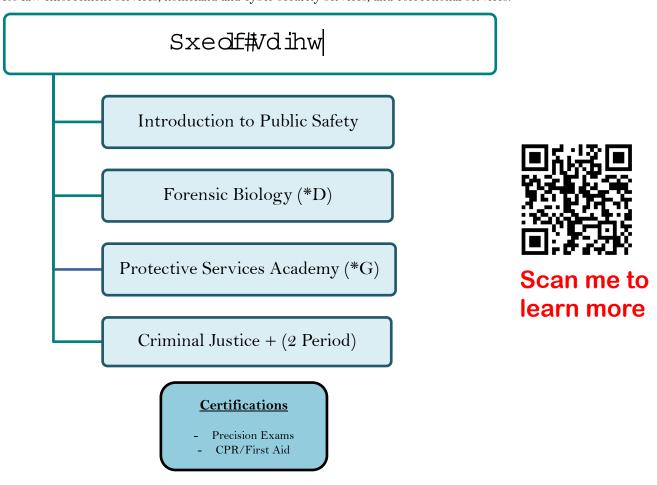
- Precision Exams
- \* Receives CSU/UC, A-G Credit; #Offered on Alternating Year; + College Credit Opportunity

# **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.

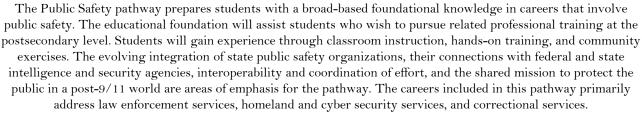






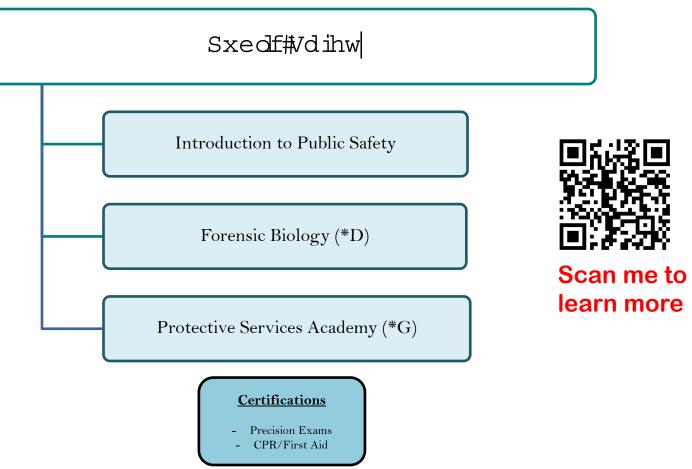


# **Public Services**







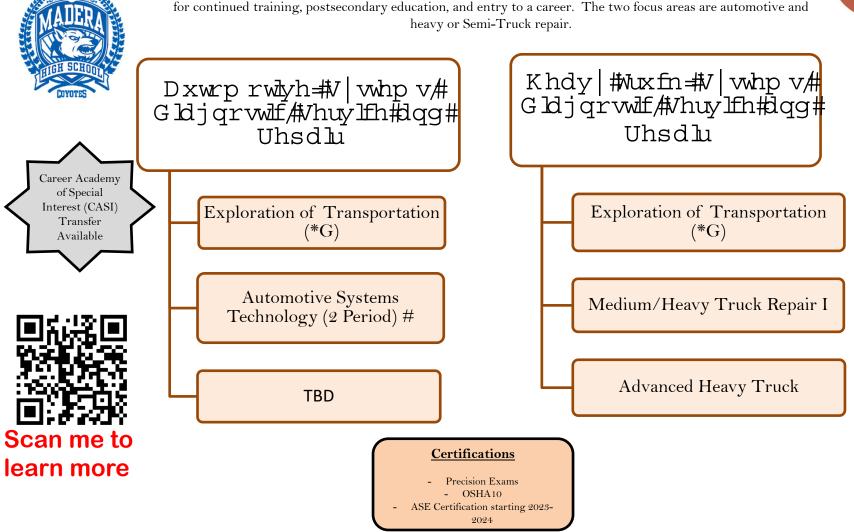


### **Transportation**



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.





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