

## CAREER TECHNICAL EDUCATION (CTE) INDUSTRY SECTOR / PATHWAY MATRIX

California CTE Industry Sectors	CTE Career Pathways			
Agriculture and Natural Resources	<ul style="list-style-type: none"> <li>• Agricultural Business</li> <li>• Agricultural Mechanics</li> </ul>	<ul style="list-style-type: none"> <li>• Agriscience</li> <li>• Animal Science</li> </ul>	<ul style="list-style-type: none"> <li>• Forestry and Natural Resources</li> </ul>	<ul style="list-style-type: none"> <li>• Ornamental Horticulture</li> <li>• Plant and Soil Science</li> </ul>
Arts, Media, and Entertainment	<ul style="list-style-type: none"> <li>• Media and Design Arts</li> </ul>	<ul style="list-style-type: none"> <li>• Performing Arts</li> </ul>	<ul style="list-style-type: none"> <li>• Production and Managerial Arts</li> </ul>	
Building Trades and Construction	<ul style="list-style-type: none"> <li>• Cabinetmaking and Wood Products</li> </ul>	<ul style="list-style-type: none"> <li>• Engineering and Heavy Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Mechanical Construction</li> </ul>	<ul style="list-style-type: none"> <li>• Residential and Commercial Construction</li> </ul>
Education, Child Development, and Family Services	<ul style="list-style-type: none"> <li>• Child Development</li> </ul>	<ul style="list-style-type: none"> <li>• Consumer Services</li> </ul>	<ul style="list-style-type: none"> <li>• Education</li> </ul>	<ul style="list-style-type: none"> <li>• Family and Human Services</li> </ul>
Energy and Utilities	<ul style="list-style-type: none"> <li>• Electromechanical Installation and Maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Energy and Environmental Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Public Utilities</li> </ul>	<ul style="list-style-type: none"> <li>• Residential and Commercial Energy and Utilities</li> </ul>
Engineering and Design	<ul style="list-style-type: none"> <li>• Architectural and Structural Engineering</li> <li>• Engineering Design</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Hardware, Electrical, and Networking Engineering</li> </ul>	<ul style="list-style-type: none"> <li>• Engineering Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Environmental and Natural Science Engineering</li> </ul>
Fashion and Interior Design	<ul style="list-style-type: none"> <li>• Fashion Design, Manufacturing, and Merchandising</li> </ul>		<ul style="list-style-type: none"> <li>• Interior Design, Furnishings, and Maintenance</li> </ul>	
Finance and Business	<ul style="list-style-type: none"> <li>• Accounting Services</li> </ul>	<ul style="list-style-type: none"> <li>• Banking and Related Services</li> </ul>	<ul style="list-style-type: none"> <li>• Business Financial Management</li> </ul>	
Health Science and Medical Technology	<ul style="list-style-type: none"> <li>• Biotechnology Research and Development</li> <li>• Diagnostic Services</li> </ul>		<ul style="list-style-type: none"> <li>• Health Informatics</li> <li>• Support Services</li> </ul>	<ul style="list-style-type: none"> <li>• Therapeutic Services</li> </ul>
Hospitality, Tourism, and Recreation	<ul style="list-style-type: none"> <li>• Food Science, Dietetics, and Nutrition</li> </ul>	<ul style="list-style-type: none"> <li>• Food Service and Hospitality</li> </ul>	<ul style="list-style-type: none"> <li>• Hospitality, Tourism, and Recreation</li> </ul>	
Information Technology	<ul style="list-style-type: none"> <li>• Information and Support Services</li> </ul>	<ul style="list-style-type: none"> <li>• Media Support Services</li> </ul>	<ul style="list-style-type: none"> <li>• Network Communications</li> </ul>	<ul style="list-style-type: none"> <li>• Programming and Systems Development</li> </ul>
Manufacturing and Product Development	<ul style="list-style-type: none"> <li>• Graphic Arts Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Graphics Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Machine and Forming Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Welding Technology</li> </ul>
Marketing, Sales, and Service	<ul style="list-style-type: none"> <li>• E-Commerce</li> </ul>	<ul style="list-style-type: none"> <li>• Entrepreneurship</li> </ul>	<ul style="list-style-type: none"> <li>• International Trade</li> </ul>	<ul style="list-style-type: none"> <li>• Professional Sales and Marketing</li> </ul>
Public Services	<ul style="list-style-type: none"> <li>• Human Services</li> </ul>	<ul style="list-style-type: none"> <li>• Protective Services</li> </ul>	<ul style="list-style-type: none"> <li>• Legal and Government Services</li> </ul>	
Transportation	<ul style="list-style-type: none"> <li>• Aviation and Aerospace</li> </ul>	<ul style="list-style-type: none"> <li>• Collision Repair and Refinishing</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicle Maintenance, Service, and Repair</li> </ul>	