

CAREER TECHNICAL EDUCATION (CTE) INDUSTRY SECTOR / PATHWAY MATRIX

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