# Appendix B: Career Technical Education Industry Sectors and Career Pathways

The following list identifies the Career Technical Education (CTE) Industry Sectors and CTE Career Pathways. The CTE Industry Sector abbreviations are provided in the parentheses following the name of the Industry Sector.

| **CTE Industry Sector (Abbreviation)** | **CTE Career Pathways** |
| --- | --- |
| **Agriculture and Natural Resources (ANR)** | * Agricultural Business
* Agricultural Mechanics
* Agriscience
* Animal Science
* Forestry and Natural Resources
* Ornamental Horticulture
* Plant and Soil Science
 |
| **Arts, Media, and Entertainment (AME)** | * Design, Visual, and Media Arts
* Performing Arts
* Production and Managerial Arts
* Game Design and Integration
 |
| **Building and Construction Trades (BCT)**  | * Cabinetry, Millwork, and Woodworking
* Engineering and Heavy Construction
* Mechanical Systems Installation and Repair
* Residential and Commercial Construction
 |
| **Business and Finance (BF)** | * Business Management
* Financial Services
* International Business
 |
| **Education, Child Development, and Family Services (ECDFS)**  | * Child Development
* Consumer Services
* Education
* Family and Human Services
 |
| **Energy, Environment, and Utilities (EEU)** | * Environmental Resources
* Energy and Power Technology
* Telecommunications
 |
| **Engineering and Architecture (EA)** | * Architectural Design
* Engineering Technology
* Engineering Design
* Environmental Engineering
 |
| **Fashion and Interior Design (FID)** | * Fashion Design and Merchandising
* Interior Design
* Personal Services
 |
| **Health Science and Medical Technology (HSMT)** | * Biotechnology
* Patient Care
* Health Care Administrative Services
* Health Care Operational Support Services
* Public and Community Health
* Mental and Behavioral Health
 |
| **Hospitality, Tourism, and Recreation (HTR)** | * Food Science, Dietetics, and Nutrition
* Food Services and Hospitality
* Hospitality, Tourism, and Recreation
 |
| **Information and Communication Technologies (ICT)** | * Information Support and Services
* Networking
* Software and Systems Development
* Games and Simulation
 |
| **Manufacturing and Product Development (MPD)** | * Graphic Production Technologies
* Machining and Forming Technologies
* Welding and Materials Joining
* Product Innovation and Design
 |
| **Marketing, Sales, and Service (MSS)** | * Marketing
* Professional Sales
* Entrepreneurship/Self-Employment
 |
| **Public Services (PS)** | * Public Safety
* Emergency Response
* Legal Practices
 |
| **Transportation (T)** | * Operations
* Structural Repair and Refinishing
* Systems Diagnostics and Service
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