<table>
<thead>
<tr>
<th>Career Cluster</th>
<th>Career Pathways</th>
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</thead>
</table>
| Agriculture, Food, and Natural Resources | • Agribusiness  
• Animal Science  
• Applied Agricultural Engineering  
• Environmental and Natural Resources  
• Food Science and Technology  
• Plant Science |
| Architecture and Construction | • Architectural Design  
• Construction Management and Inspection  
• Carpentry  
• Electrical  
• HVAC and Sheet Metal  
• Masonry  
• Plumbing and Pipe Fitting |
| Arts, A/V Technology, and Communications | • Design and Multimedia Arts  
• Digital Communications |
| Business, Marketing, and Finance | • Accounting and Financial Services  
• Business Management  
• Entrepreneurship  
• Marketing and Sales |
| Education and Training | • Early Learning  
• Teaching and Training |
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| **Energy** | • Oil and Gas Exploration and Production  
| | • Refining and Chemical Processes |
| **Health Science** | • Exercise Science and Wellness  
| | • Health Informatics  
| | • Healthcare Diagnostics  
| | • Healthcare Therapeutics  
| | • Nursing Science  
| | • Medical Therapy |
| **Hospitality and Tourism** | • Culinary Arts  
| | • Lodging and Resort Management  
| | • Travel, Tourism, and Attractions |
| **Human Services** | • Family and Community Services  
| | • Health and Wellness |
| **Information Technology** (IT) | • Information Technology Support and Services  
| | • Networking Systems  
| | • Web Development |

The **Energy** Career Cluster® prepares individuals for careers in the designing, planning, maintaining, generating, transmission, and distribution of traditional and alternative energy.

The **Health Science** Career Cluster® focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development.

The **Hospitality and Tourism** Career Cluster® focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services.

The **Human Services** Career Cluster® focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

The **Information Technology** (IT) Career Cluster® focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.
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| **Law and Public Service** | • Emergency Services  
• Government and Public Administration  
• Law Enforcement  
• Legal Studies |
| **Manufacturing** | • Advanced Manufacturing and Machinery Mechanics  
• Manufacturing Technology  
• Welding |
| **Science, Technology, Engineering, and Mathematics (STEM)** | • Biomedical Science  
• Cybersecurity  
• Engineering  
• Programming and Software Development  
• Renewable Energy |
| **Transportation, Distribution, and Logistics** | • Automotive  
• Aviation Maintenance  
• Diesel and Heavy Equipment  
• Distribution and Logistics |