<table>
<thead>
<tr>
<th>New Career Cluster Name</th>
<th>Summary Description</th>
<th>Sample Career Pathways</th>
<th>Sample of Related Educational Programs</th>
</tr>
</thead>
</table>
| **Business, Management & Public Administration** (Incorporates Bus. Mgmt. & Admin; Finance; Gov & Public Admin; Marketing) | The management and operation of public and private entities including core functions related to revenue, talent and finance. | 1. Organizational Management  
2. Business Operations  
3. Human Resources  
4. Finance & Accounting  
5. Marketing  
6. Sales/Business Development  
7. Communications | Business management, finance, accounting, marketing, agribusiness, office management, human resource management, organizational leadership, insurance |
| **Construction & Built Environment** (Incorporates Architecture & Construction; parts of Information Technology) | The planning, design, construction, and maintenance of structures and spaces around them for living, work and recreation. | 1. Real Estate  
2. Planning  
3. Architecture & Design  
4. Construction  
5. Installation, Maintenance & Operations | Real estate, urban planning, environmental engineering, architecture, interior design, drafting, modeling, construction (trades and/or mgt), communications technology, landscaping, building maintenance |
| **Education** (Incorporates Education & Training) | The development of human capacity through formal and information education and instruction. | 1. Teaching  
2. Administration  
3. Support Services  
4. Extension and Outreach  
5. Early Childhood Education | Early childhood, elementary education, 7-12 discipline-based education, higher education, extension and outreach, information/library sciences, education administration, school counseling |
| **Energy** (Incorporates parts of Agriculture, Food & Natural Resources; STEM) | The production and distribution of energy. | 1. Gas and Oil Production & Refining  
2. Renewable Energy Generation  
3. Energy Transmission & Storage | Gas and oil, solar energy, wind energy, mining, nuclear energy, hydro technology, emerging renewable energy, environmental compliance, refining, power grid management, energy transmission |
| **Food, Living Systems & Natural Resources** (Incorporates parts of Agriculture, Food & Natural Resources) | The production, processing and distribution of food and stewardship of plants, animals and other natural resources. | 1. Food Science & Processing  
2. Agbioscience  
3. Livestock & Crop Production  
4. Companion Animals  
5. Natural Resources  
6. Environmental Services | Food science, food processing, ag engineering, agronomy, horticulture, ag biotechnology, animal science, veterinary science, soil science, ecology, forestry, wildlife management |
<table>
<thead>
<tr>
<th>New Career Cluster Name</th>
<th>Summary Description</th>
<th>Sample Career Pathways</th>
<th>Sample of Related Educational Programs</th>
</tr>
</thead>
</table>
| **Health, Wellbeing & Community Services**  | The services provided to attend to the health and wellbeing of individuals, families and communities. | 1. Direct Patient & Therapeutic Care  
2. Behavioral Health  
3. Imaging & Diagnostic Testing  
4. Biotechnology Research & Development  
5. Nutrition & Wellness  
6. Community & Social Services  
7. Personal Care | Health sciences, public health, nutrition, counseling, social work, personal care, personal appearance, childcare |
| (Incorporates part of Gov & Public Admin; Health Science; Human Services) |                                                                                       |                                                                                       |                                                                                                          |
| **Information Technology**                  | The development and maintenance of networks, programs and applications to share and store electronic data. | 1. Software & Web Development  
2. Data Management  
3. Cybersecurity  
4. Networking  
5. Support | Programming, systems architecture, software development, networking, UX/UI, artificial intelligence, cybersecurity, data systems management |
| (Incorporates Information Technology; parts of STEM) |                                                                                       |                                                                                       |                                                                                                          |
| **Manufacturing & Operations**              | The planning, operations and maintenance of equipment required for the production of goods. | 1. Production  
2. Process Development  
3. Quality Assurance  
4. Maintenance  
5. Plant Operations | manufacturing design, manufacturing production, plant operations, plant maintenance, equipment maintenance |
| (Incorporates Information Technology; Manufacturing) |                                                                                       |                                                                                       |                                                                                                          |
| **Media, Entertainment & Experiences**       | The informative, meaningful and/or entertaining activities that provide recreation, enrichment and shared experience. | 1. Journalism & Broadcasting  
2. Content Creation  
3. Multimedia & Visual Design  
4. Arts  
5. Sports & Recreation  
6. Hospitality & Culinary  
7. Tourism  
8. Event & Venue Management | Culinary, food service, hospitality, sports mgt., event mgt., tourism, content creation and production, performing arts, visual arts, digital media, visual design, journalism, communications |
| (Incorporates Arts, A/V & Comms; Hospitality & Tourism) |                                                                                       |                                                                                       |                                                                                                          |
| **Research & Analytics**                    | The conducting of basic scientific research, data analysis and laboratory procedures. | 1. Scientific Research  
2. Data Analysis  
3. Laboratory Operations | Research design, lab technology, lab management, data analytics |
<p>| (Incorporates part of STEM)                 |                                                                                       |                                                                                       |                                                                                                          |</p>
<table>
<thead>
<tr>
<th>New Career Cluster Name</th>
<th>Summary Description</th>
<th>Sample Career Pathways</th>
<th>Sample of Related Educational Programs</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Incorporates Law, Public Safety, Corrections &amp; Security)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Transportation & Mobility** | The ecosystem of infrastructure, modes and services that allows for the efficient and effective movement of people, materials, and goods. | 1. Infrastructure & Planning 2. Transportation Operations 3. Transportation Maintenance 4. Storage & Distribution 5. Logistics | modes of transportation (auto, train, planes, ships, etc.), transportation infrastructure (roads, rail, ports, charging stations), transportation planning, transportation operations, vehicle maintenance/repair, distribution systems, logistics, warehousing, civil engineering, autonomous vehicles |
| (Incorporates Transportation, Distribution & Logistics) | | | |