### Agriculture, Food, and Natural Resources
- Agribusiness Systems
- Agriculture Energy Systems
- Agriculture Leadership in Animal Production
- Agriculture Leadership in Aquaculture
- Agricultural Leadership in Food Product & Processing
- Agriculture Leadership in Forest Science
- Agriculture Leadership in Horticulture
- Agriculture Leadership in Plant Science
- Agriculture Mechanics & Electrical Systems
- Agriculture Mechanics Metal Fabrication
- Agriculture Leadership in Animal Production
- Agriculture Leadership in Aquaculture
- Agricultural Leadership in Food Product & Processing
- Agriculture Leadership in Forest Science
- Agriculture Leadership in Horticulture
- Agriculture Leadership in Plant Science
- Agriculture Mechanics & Electrical Systems
- Agriculture Mechanics Metal Fabrication
- Animal Production & Processing
- Animal/Mechanical Systems
- Commercial Fishing Management
- Companion Animal Systems
- Environmental Agriculture Systems
- Equine Science
- Food Animal Systems
- Food Products & Processing Systems
- Forest / Natural Resources Management
- Forest / Renewable Energy
- Forest Mechanical Systems
- Forestry / Wildlife Systems
- Forestry and Animal Science Systems
- Forest Management Systems
- Horticulture and Animal Systems
- Horticulture / Mechanical Systems
- Landscape Management Systems
- Plant and Floral Design Systems
- Plant and Floriculture Systems
- Plant and Landscape Systems
- Plant and Mechanical Systems
- Veterinary Science

### Education & Training
- Early Childhood Care & Education
- Teaching as a Profession

### Law, Public Safety, Corrections & Security
- Fire and Emergency Services – Emergency Medical Responder
- Fire and Emergency Services / Emergency Medical Technician
- Fire and Emergency Services—Public Safety Communications
- Fire and Emergency Services—Firefighting
- Corrections Services
- Security and Protective Services
- Legal Services – Applications of Law
- Legal Services – Legal Administrative Services
- Law Enforcement Services—Criminal Investigations
- Law Enforcement Services—Forensic Science
- Law Enforcement Services—Public Safety Communications

### Energy
- Energy Systems
- Energy & Power: Generation, Transmission, and Distribution

### Marketing
- Marketing and Management
- Fashion, Merchandising & Retail Management
- Marketing Communications & Promotion

### Architecture & Construction
- Architectural, Drawing & Design
- Carpentry
- Electrical
- Fine Furniture - Cabinetmaking
- Heating, Ventilation, Air Conditioning, and Refrigeration
- HVAC – Electrical
- Industrial Maintenance
- Masonry
- Plumbing
- Machining Operations
- Sheet Metal
- Welding

### Finance
- Advanced Accounting
- Business Accounting
- Financial Services

### Government & Public Administration
- Public Management & Administration
- JROTC – Air Force
- JROTC – Army
- JROTC – Marines
- JROTC – Navy

### Arts, AV/Technology & Communications
- Audio & Video Technology & Film
- Graphic Communication
- Animation and Digital Media

### Human Services
- Personal Care Services – Cosmetology
- Personal Care Services – Barbering
- Personal Care Services – Esthetics
- Personal Care Services – Nails
- Nutrition & Food Science
- Housing & Community Management
- Interiors, Fashion & Textiles

### Advanced Academics, Fine Arts, & World Languages
- Advanced Academics
- Fine Arts
- World Languages

### Hospitality & Tourism
- Hospitality, Recreation & Tourism
- Sports & Entertainment Marketing
- Culinary Arts

### Manufacturing
- Industrial Maintenance
- Manufacturing
- Mechatronics
- Granite Technology

### Science, Technology, Engineering, Mathematics
- Engineering and Technology
- Engineering Drafting and Design
- Electronics

### Transportation, Distribution & Logistics
- General Automotive Technology
- Advanced Automotive Technology
- Flight Operations
- Aviation Maintenance
- Distribution and Logistics
- Collision Repair-Painting and Refinishing
- Collision Repair-Nonstructural Analysis and Damage Repair
- Marine Engine Technology
- Unmanned Aircraft Systems Pathway

### Health Science
- Diagnostics – Clinical Lab
- Diagnostics – Phlebotomy
- Diagnostics – Non-invasive Technology in Healthcare
- Therapeutic Services – Public Health
- Therapeutic Services – Exercise Physiology
- Therapeutic Services – Sports Medicine
- Therapeutic Services – Allied Health and Medicine
- Therapeutic Services – Dental Science
- Therapeutic Services – Pharmacy
- Therapeutic Services – Emergency Medical Responder
- Therapeutic Services / Emergency Medical Technician
- Therapeutic Services – Patient Care
- Therapeutic Services – Public Safety Communications
- Therapeutic Services – Surgical Technology
- Health Informatics – Health Information Management/Medical Office
- Health Informatics – Health Information Technology
- Biotechnology Research and Development
- Support Services

### Business Management & Administration
- Business & Technology
- Entrepreneurship
- Health Information Technology
- Human Resources Management
- International Business

### Information Technology
- Cybersecurity
- Computer Science
- Financial Technology (FinTech)
- Game Design
- Information Support & Services
- Internet of Things
- Networking
- Programming
- Web & Digital Design
- Web Development
## Agriculture, Food, and Natural Resources

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<th>Animal / Mechanical Systems Pathway</th>
<th>Agriculture Leadership in Animal Production Pathway</th>
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<tr>
<td><strong>Animal Production &amp; Processing Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;01.43200 - Agricultural Animal Production and Management&lt;br&gt;02.43200 - Agriculture Meat and Dairy Product Processing</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;01.42100 - Agricultural Mechanics Technology&lt;br&gt;01.43200 - Agricultural Animal Production and Management</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Animal Science Technology/Biotechnology&lt;br&gt;01.41200 - Agribusiness Management and Leadership</td>
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<tr>
<td><strong>Companion Animal Systems Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;02.42100 - Animal Science Technology/Biotechnology&lt;br&gt;02.42300 - Small Animal Care</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Animal Science Technology/Biotechnology&lt;br&gt;02.42400 - Veterinary Science</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Animal Science Technology/Biotechnology&lt;br&gt;02.42200 - Equine Science</td>
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<tr>
<td><strong>Food Animal Systems Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;02.42100 - Animal Science Technology/Biotechnology&lt;br&gt;01.43200 - Agricultural Animal Production and Management</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Animal Science Technology/Biotechnology&lt;br&gt;02.42300 - Small Animal Care</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Animal Science Technology/Biotechnology&lt;br&gt;02.42300 - Small Animal Care</td>
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<th>Agriculture Leadership in Aquaculture Pathway</th>
<th>Forest Mechanical Systems Pathway</th>
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<tr>
<td><strong>Forest/Renewable Energy Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;03.45100 - Forest Science&lt;br&gt;03.47100 - Introduction to Renewable Energy</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;01.42100 - Agribusiness Management and Leadership&lt;br&gt;03.43100 - Aquaculture</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.45100 - Forest Science I&lt;br&gt;01.42100 - Animal Science Technology/Biotechnology&lt;br&gt;01.42100 - Equine Science</td>
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<tr>
<td><strong>Agriculture Leadership in Forest Science Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;01.41200 - Agribusiness Management and Leadership&lt;br&gt;03.45100 - Forest Science</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.45100 - Forest Science I&lt;br&gt;03.41100 - Natural Resources Management</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.45100 - Forest Science I&lt;br&gt;01.42100 - Animal Science Technology I&lt;br&gt;03.45200 - Forest Science II</td>
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<td><strong>Forestry / Wildlife Systems Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;03.45100 - Forest Science&lt;br&gt;03.45300 - Wildlife Management</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.42200 - Environmental Science and Stewardship&lt;br&gt;03.46100 - Sustainable Agriculture</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.45100 - Forest Science I&lt;br&gt;03.45200 - Forestry Science II</td>
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<th>Plant Science/Horticulture</th>
<th>Agriculture Leadership in Plant Science Pathway</th>
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<td><strong>Environmental Agriculture Systems Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;01.42100 - Agricultural Mechanics Technology I</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;03.46100 - General Horticulture and Plant Science</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.41200 - Plant Science and Biotechnology&lt;br&gt;01.41200 - Agribusiness Management and Leadership</td>
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<td><strong>Horticulture/ Mechanical Systems Pathway</strong>&lt;br&gt;02.47100 - Basic Agricultural Science&lt;br&gt;01.42100 - Agricultural Mechanics Technology I</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;01.42100 - Agricultural Mechanics Technology I</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;01.42100 - Animal Science Technology/Biotechnology&lt;br&gt;01.41200 - Agribusiness Management and Leadership</td>
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<td><strong>Plant/ Mechanical Systems Pathway</strong>&lt;br&gt;02.44100 - Plant Science and Biotechnology</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;01.42100 - Agricultural Mechanics Technology I</td>
<td><strong>02.47100 - Basic Agricultural Science</strong>&lt;br&gt;02.44100 - Plant Science and Biotechnology&lt;br&gt;01.41200 - Agribusiness Management and Leadership</td>
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<td>Georgia Career Clusters</td>
<td>Agriculture Leadership in Horticulture Pathway</td>
<td>Landscape Management Systems Pathway</td>
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<td>02.47100 - Basic Agricultural Science</td>
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<td>01.46100 - General Horticulture and Plant Science</td>
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<td>01.41200 - Agribusiness Management and Leadership</td>
<td>01.46500 - Turf Production and Management</td>
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<td>02.47100 - Basic Agricultural Science</td>
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<td>01.46100 - General Horticulture and Plant Science</td>
<td>01.46100 - General Horticulture and Plant Science</td>
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<td>01.47000 - Nursery and Landscape</td>
<td>01.46200 - Floriculture Production and Management</td>
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<th>Agricultural Mechanics Systems Pathway</th>
<th>Agricultural Mechanics and Metal Fabrications Pathway</th>
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<td>02.47100 - Basic Agricultural Science</td>
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<td>01.42100 - Agricultural Mechanics Technology I</td>
<td>01.42100 - Agricultural Mechanics Technology I</td>
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<td>01.42400 - Agricultural Metals Fabrication</td>
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<th>Agriculture Leadership in Food Product &amp; Processing Pathway</th>
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<td></td>
<td>01.41200 - Agribusiness Management and Leadership</td>
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<td>02.43200 - Agriculture Meat and Dairy Product Processing</td>
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<th>Agriscience Systems Pathway</th>
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<td>02.47100 - Basic Agricultural Science</td>
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<td>01.41200 - Agribusiness Management and Leadership</td>
<td>02.42100 - Animal Science Technology/Biotechnology</td>
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<td>01.4300 - Marketing Agricultural Products &amp; Services</td>
<td>02.44100 - Plant Science and Biotechnology</td>
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<th>Horticulture and Animal Science Pathway</th>
<th>Forestry &amp; Animal Science Pathway</th>
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<td>02.47100 - Basic Agricultural Science</td>
<td>02.47100 - Basic Agricultural Science</td>
<td>02.47100 - Basic Agricultural Science</td>
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<td></td>
<td>01.46100 - General Horticulture and Plant Science</td>
<td>01.46100 - General Horticulture and Plant Science</td>
<td>03.45100 - Forest Science</td>
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<td>03.45100 - Forest Science</td>
<td>02.42100 - Animal Science Technology/Biotechnology</td>
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<th>Commercial Fishing Management Pathway</th>
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<tr>
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<td>02.47100 - Basic Agricultural Science</td>
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<tr>
<td></td>
<td>02.45000 - Safety, Watchkeeping, and Healthy Oceans for Commercial Fishing</td>
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<tr>
<td></td>
<td>02.45100 - Commercial Fishing, Management and Fisheries Science</td>
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## Architecture and Construction

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<th>Carpentry Pathway</th>
<th>Masonry Pathway</th>
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<tbody>
<tr>
<td>48.54100 - Introduction to Drafting and Design</td>
<td>46.54500 - Industry Fundamentals and Occupational Safety</td>
<td>46.54500 - Industry Fundamentals and Occupational Safety</td>
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<tr>
<td>48.54500 - Architectural Drawing and Design I</td>
<td>46.54600 - Introduction to Construction</td>
<td>46.54600 - Introduction to Construction</td>
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<tr>
<td>48.54600 - Architectural Drawing and Design II</td>
<td>46.55000 - Carpentry I</td>
<td>46.57000 - Masonry I</td>
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<table>
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<th>Plumbing Pathway</th>
<th>Electrical Pathway</th>
<th>Machining Operations Pathway</th>
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<tr>
<td>46.54600 - Introduction to Construction</td>
<td>46.54600 - Introduction to Construction</td>
<td>48.58100 - Introduction to Metals</td>
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<tr>
<td>46.58000 - Plumbing I</td>
<td>46.56000 - Electrical I</td>
<td>48.59000 - Machining Operations I</td>
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<th>Welding Pathway</th>
<th>Sheet Metal Pathway</th>
<th>Heating, Ventilation, Air Conditioning and Refrigeration Pathway</th>
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<tr>
<td>48.58100 - Introduction to Metals</td>
<td>48.58100 - Introduction to Metals</td>
<td>47.41400 - Introduction to HVACR Systems</td>
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<tr>
<td>48.55100 - Welding I</td>
<td>48.58200 - Sheet Metal I</td>
<td>47.41500 - Heating, Ventilation, Air Conditioning and Refrigeration</td>
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<tr>
<th>HVACR Electrical Pathway</th>
<th>Fine Furniture - Cabinetmaking Pathway</th>
<th>Industrial Maintenance Pathway</th>
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<tr>
<td>46.54500 - Industry Fundamentals and Occupational Safety</td>
<td>46.45400 - Fine Furniture/Cabinetmaking I</td>
<td>46.41000 - Industrial Mechanics</td>
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<tr>
<td>47.41400 - Introduction to HVACR Systems</td>
<td>46.45500 - Fine Furniture/Cabinetmaking II</td>
<td>46.42000 - Fluid Power and Piping Systems</td>
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<tr>
<td>47.41600 - Low Voltage Electrical</td>
<td>46.45600 - Fine Furniture/Cabinetmaking III</td>
<td>46.43000 - Electrical Motor Control</td>
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### Arts, A/V Technology, & Communications

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<th>Audio-Video Technology and Film Pathway</th>
<th>Graphic Communication Pathway</th>
<th>Graphic Design Pathway</th>
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<tbody>
<tr>
<td>• 10.51810 - Audio and Video Technology and Film</td>
<td>• 48.56100 - Introduction to Graphics and Design</td>
<td>• 48.56100 - Introduction to Graphics and Design</td>
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<tr>
<td>• 10.51910 - Audio-Video Technology and Film II</td>
<td>• 48.56200 - Graphic Design and Production</td>
<td>• 48.56200 - Graphic Design and Production</td>
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<tr>
<td>• 10.52010 - Audio-Video Technology and Film III OR</td>
<td>• 48.57000 - Advanced Graphic Output Processes</td>
<td>• 48.52800 - Advanced Graphic Design</td>
</tr>
<tr>
<td>• 10.51410 - Broadcast/Video Production Applications</td>
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| Animation and Digital Media Pathway | | |
|------------------------------------|-----------------|
| • 48.42100 - Introduction to Digital Media | | |
| • 48.42200 - Principles and Concepts of Animation | | |
| • 48.42300 - Advanced Animation, Game and App Design | | |
| • 48.42400 - Animation Internship/Capstone | | |

### Business Management & Administration

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<th>Business and Technology Pathway</th>
<th>Entrepreneurship Pathway</th>
<th>Health Information Technology Pathway</th>
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<tbody>
<tr>
<td>• 07.44130 - Introduction to Business and Technology</td>
<td>• 07.44130 - Introduction to Business and Technology</td>
<td>• 25.52100 - Introduction to Healthcare Science</td>
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<td>• 07.44100 - Business and Technology</td>
<td>• 06.41500 - Legal Environment of Business</td>
<td>• 25.49500- Essentials of Health Information Technology</td>
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<tr>
<td>• 07.45100 - Business Communications</td>
<td>• 06.41610 - Entrepreneurship</td>
<td>• 25.49600 - Applications of Health Information Technology</td>
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| Human Resources Management Pathway | International Business | |
|-----------------------------------|------------------------||
| • 07.44130 - Introduction to Business and Technology | • 07.43200 – Intro to International Business | |
| • 06.41500 - Legal Environment of Business | • 07.44200 – Global Awareness and Cultural Competency | |
| • 06.41800 - Human Resources Principles | • 07.45200 – International Business Concepts | |

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### Education and Training

**Early Childhood Care and Education I Pathway**
- 20.52810 - Early Childhood Education I
- 20.42400 - Early Childhood Education II
- 20.42500 - Early Childhood Education III

**Early Childhood Care and Education II Pathway**
- 20.52810 - Early Childhood Education I
- 20.42400 - Early Childhood Education II
- 20.42600 - Early Childhood Education Practicum

**Teaching as a Profession Pathway**
- 13.01100 - Examining the Teaching Profession
- 13.01200 - Contemporary Issues In Education
- 13.01300 - Teaching as a Profession Practicum

### Energy

**Energy Systems Pathway**
- 49.53700 - Foundations of Energy Technologies
- 21.45100 - Energy and Power Technology
- 21.45700 - Appropriate and Alternative Energy Technologies

**Energy and Power: Generation, Transmission, and Distribution Pathway**
- 49.53700 - Foundations of Energy Technologies
- 49.53800 - Energy and Power: Generation, Transmission, and Distribution
- 49.53900 - Energy Systems Applications

### Finance

**Advanced Accounting Pathway**
- 07.44130 - Introduction to Business and Technology
- 07.41100 - Principles of Accounting I
- 07.41200 - Principles of Accounting II

**Business Accounting Pathway**
- 07.44130 - Introduction to Business and Technology
- 07.42600 - Financial Literacy
- 07.41100 - Principles of Accounting I

**Financial Services Pathway**
- 07.44130 - Introduction to Business and Technology
- 07.42600 - Financial Literacy
- 07.43100 - Banking, Investing, and Insurance
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<th>Government and Public Administration</th>
<th>JROTC - Army</th>
<th>JROTC - Air Force</th>
</tr>
</thead>
</table>
| **Public Management and Administration Pathway** | • 29.41000 - Introduction to Government and Public Administration  
• 29.41100 - Government Public Administration: State and Federal Issues  
• 29.41200 - Government Public Administration: Local and State Issues | • 28.03100 - JROTC Army Leadership Education 1  
• 28.03110 – Army JROTC LET 1 Alpha  
• 28.03120 – Army JROTC LET 1 Bravo  
• 28.03200 - JROTC Army Leadership Education 2  
• 28.03210 – Army JROTC LET 2 Alpha  
• 28.03220 – Army JROTC LET 2 Bravo  
• 28.03300 - JROTC Army Leadership Education 3  
• 28.03310 – Army JROTC LET 3 Alpha  
• 28.03320 – Army JROTC LET 3 Bravo  
• 28.03400 - JROTC Army Leadership Education 4  
• 28.03410 – Army JROTC LET 4 Alpha  
• 28.03420 – Army JROTC LET 4 Bravo  
• 28.03500 - JROTC Army Leadership Education 5  
• 28.03600 - JROTC Army Leadership Education 6  
• 28.03700 - JROTC Army Leadership Education 7  
• 28.03800 - JROTC Army Leadership Education 8 | • 28.01100 - Aerospace Leadership: Citizenship 100  
• 28.01200 - Aerospace Leadership: Communication 200  
• 28.01300 - Aerospace Science: Global and Cultural Studies 220  
• 28.01400 - Aerospace Leadership: Career Exploration 300  
• 28.01500 - Aerospace Science: Exploring Space and Cyber 300  
• 28.01600 - Aerospace Leadership: Management 400  
• 28.01700 - Aerospace Science: Aviation History 100  
• 28.01800 - Aerospace Science: Survival  
• 28.01900 - Aerospace Science: Honors Ground School  
• 28.01910 - Aerospace Science: Corps Management  
• 28.01930 - Aerospace Science: Drill Only  
• 28.01940 - Aerospace Science: Senior Project |
| **JROTC Marines** | • 28.04100 - MCJROTC Leadership Education I  
• 28.04200 - MCJROTC Leadership Education II  
• 28.04300 - MCJROTC Leadership Education III  
• 28.04400 - MCJROTC Leadership Education IV  
• 28.04500 - MCJROTC Leadership Education V  
• 28.04600 - MCJROTC Leadership Education VI  
• 28.04700 - MCJROTC Leadership Education VII  
• 28.04800 - MCJROTC Leadership Education VIII | • 28.02100 - Naval Science I Cadet Field Manual  
• 28.02200 - Naval Science I Introduction to NJROTC  
• 28.02300 - Naval Science: Maritime History  
• 28.02400 - Naval Science II Nautical Science  
• 28.02500 - Naval Science III Naval Knowledge  
• 28.02600 - Naval Science III Naval Orientation and Skills  
• 28.02700 - Naval Science IV Naval Leadership and Ethics  
• 28.02800 - Naval Science IV Effective Communications |
## Health Science

<table>
<thead>
<tr>
<th>Pathway</th>
<th>Course Code(s)</th>
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| Therapeutic Services / Pharmacy Pathway                                 | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.45300 - Pharmacy Operations and Fundamentals |
| Therapeutic Services / Dental Science Pathway                           | • 25.52100 - Introduction to Healthcare Science  
• 25.48800 - Essentials of Dental Science  
• 25.48900 - Dental Science II |
| Therapeutic Services / Emergency Medical Responder Pathway              | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.45000 - Emergency Medical Responder |
| Therapeutic Services / Dental Science Pathway                           | • 25.52100 - Introduction to Healthcare Science  
• 25.48800 - Essentials of Dental Science  
• 25.45400 - Fundamentals of Exercise Physiology |
| Therapeutic Services / Exercise Physiology Pathway                       | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.45000 - Emergency Medical Responder |
| Therapeutic Services / Emergency Medical Responder Pathway              | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.44600 - Sports Medicine |
| Therapeutic Services / Public Safety Communications Pathway             | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 43.46200 - Public Safety Communications |
| Therapeutic Services / Patient Care Pathway                             | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.43600 - Patient Care Fundamentals |
| Therapeutic Services / Allied Health and Medicine Pathway               | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.43700 - Allied Health and Medicine |
| Therapeutic Services / Surgical Technology Pathway                       | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.44700 - Surgical Technician I |
| Diagnostics / Phlebotomy Pathway                                        | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.57400 - Diagnostics Phlebotomy |
| Diagnostics / Clinical Lab Pathway                                       | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.43700 - Allied Health and Medicine |
| Diagnostics / Non-Invasive Technology in Healthcare Pathway            | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.44500 - Non-Invasive Diagnostic Technology |
| Health Informatics / Health Information Management / Medical Office Pathway | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.49700 - Health Information Management / Medical Office |
| Support Services Pathway                                                | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.44400 - Healthcare Support Services |
| Biotechnology Research and Development Pathway                          | • 25.52100 - Introduction to Healthcare Science  
• 25.57000 - Essentials of Biotechnology  
• 25.56900 - Applications of Biotechnology |
| Health Informatics/Health Information Technology                       | • 25.52100 – Introduction to Healthcare Science  
• 25.49500-- Essentials of Health Information Technology  
• 25.49600 – Applications of Health Information Technology |
| Therapeutic Services / Emergency Medical Technician Pathway            | • 25.52100 - Introduction to Healthcare Science  
• 25.44000 - Essentials of Healthcare  
• 25.46000 - Emergency Medical Technician |
### Hospitality and Tourism

<table>
<thead>
<tr>
<th>Culinary Arts Pathway</th>
<th>Hospitality, Recreation, and Tourism Pathway</th>
<th>Sports and Entertainment Marketing Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.53100 - Introduction to Culinary Arts</td>
<td>08.47400 - Marketing Principles</td>
<td>08.47400 - Marketing Principles</td>
</tr>
<tr>
<td>20.53210 - Culinary Arts I</td>
<td>08.45300 - Hospitality, Recreation and Tourism Essentials</td>
<td>08.47800 - Introduction to Sports and Entertainment Marketing</td>
</tr>
<tr>
<td>20.53310 - Culinary Arts II</td>
<td>08.45400 - Hospitality, Recreation and Tourism Management</td>
<td>08.48500 - Advanced Sports and Entertainment Marketing</td>
</tr>
</tbody>
</table>

### Human Services

<table>
<thead>
<tr>
<th>Nutrition and Food Science Pathway</th>
<th>Housing and Community Management Pathway</th>
<th>Interiors, Fashion and Textiles Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.41810 - Food Science</td>
<td>20.43300 - Managing Diverse Property Types</td>
<td>20.44700 - Textile Science</td>
</tr>
</tbody>
</table>

#### Personal Care Services - Cosmetology Pathway

- 12.54400 - Introduction to Personal Care Services
- 12.41000 - Cosmetology Services II
- 12.41100 - Cosmetology Services III

#### Personal Care Services - Barbering Pathway

- 12.54400 - Introduction to Personal Care Services
- 12.42000 - Barbering II
- 12.42100 - Barbering III

#### Personal Care Services - Esthetics Pathway

- 12.54400 - Introduction to Personal Care Services
- 12.43000 - Esthetics Services II
- 12.43100 - Esthetics Services III

#### Personal Care Services - Nails Pathway

- 12.54400 - Introduction to Personal Care Services
- 12.47000 - Nail Care Services II
- 12.47100 - Nail Care Services III
### Information Technology

#### Web and Digital Design Pathway
- 11.41500 - Introduction to Digital Technology
- 11.45100 - Digital Design
- 11.45200 - Web Design

#### Programming Pathway
- 11.41500 - Introduction to Digital Technology
- 11.47100 - Computer Science Principles OR
- 11.01900 - Advanced Placement Computer Science Principles
- 11.47200 - Programming, Games, Apps and Society

#### Computer Science Pathway
- 11.41500 - Introduction to Digital Technology
- 11.47100 - Computer Science Principles OR
- 11.01900 - Advanced Placement Computer Science Principles
- 11.01600 – Advanced Placement Computer Science Principles

#### Information Support and Services Pathway
- 11.41500 - Introduction to Digital Technology
- 11.41400 - Information Technology Essentials
- 11.42000 - Information Technology Support

#### Networking Pathway
- 11.41500 - Introduction to Digital Technology
- 11.46100 - Networking Fundamentals
- 11.46200 - Networking Systems and Support

#### Cybersecurity Pathway
- 11.41500 - Introduction to Digital Technology
- 11.48100 - Introduction to Cybersecurity
- 11.48200 - Advanced Cybersecurity

#### Game Design Pathway
- 11.41500 - Introduction to Digital Technology
- 11.47100 - Computer Science Principles OR
- 11.01900 - Advanced Placement Computer Science Principles
- 11.42900 - Game Design: Animation and Simulation

#### Internet of Things Pathway
- 11.41500 - Introduction to Digital Technology
- 11.47100 - Computer Science Principles OR
- 11.01900 - Advanced Placement Computer Science Principles
- 11.42700 - Embedded Computing

#### Financial Technology (FinTech) Pathway
- 07.42700 - Introduction to Financial Technology
- 07.42800 - Financial Technologies and Services
- 11.46300 - Coding for FinTech

#### Web Development Pathway
- 11.41500 - Introduction to Digital Technology
- 11.47100 - Computer Science Principles OR
- 11.01900 - Advanced Placement Computer Science Principles
- 11.42500 - Web Development

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September 14, 2020  
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<table>
<thead>
<tr>
<th>Law, Public Safety, Corrections, and Security</th>
<th>Law Enforcement Services/Criminal Investigations Pathway</th>
<th>Law Enforcement Services/Forensic Science Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corrections Services Pathway</td>
<td>Law Enforcement Services/Criminal Investigations Pathway</td>
<td>Law Enforcement Services/Forensic Science Pathway</td>
</tr>
<tr>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
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<tr>
<td>• 43.45100 - Criminal Justice Essentials</td>
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<tr>
<td>• 43.45700 - Applications of Corrections</td>
<td>• 43.45300 - Criminal Investigations</td>
<td>• 43.45200 - Forensic Science and Criminal Investigations</td>
</tr>
<tr>
<td>Law Enforcement Services/Public Safety Communications Pathway</td>
<td>Security and Protective Services Pathway</td>
<td>Fire and Emergency Services / Emergency Medical Responder Pathway</td>
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<tr>
<td>• 43.45800 - Security and Protective Services</td>
<td>• 43.45800 - Security and Protective Services</td>
<td>• 43.46000 - Essentials of Fire and Emergency Services</td>
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<tr>
<td>Fire and Emergency Services / Public Safety Communications Pathway</td>
<td>Fire and Emergency Services / Firefighting Pathway</td>
<td>Legal Services / Applications of the Law Pathway</td>
</tr>
<tr>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
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<tr>
<td>• 43.45100 - Criminal Justice Essentials</td>
<td>• 43.45600 - Essentials of Fire and Emergency Services</td>
<td>• 43.45400 - Essentials of Legal Services</td>
</tr>
<tr>
<td>• 43.46200 - Public Safety Communications</td>
<td>• 43.44000 - Applications of Firefighting</td>
<td>• 43.45500 - Applications of Law</td>
</tr>
<tr>
<td>Legal Services / Legal Administrative Services Pathway</td>
<td>Fire and Emergency Services / Emergency Medical Technician Pathway</td>
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</tr>
<tr>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
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</tr>
<tr>
<td>• 43.45400 - Essentials of Legal Services</td>
<td>• 43.45000 - Introduction to Law, Public Safety, Corrections, and Security</td>
<td></td>
</tr>
<tr>
<td>• 43.45600 - Legal Administrative Services</td>
<td>• 43.45100 - Criminal Justice Essentials</td>
<td></td>
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<tr>
<td>Fire and Emergency Services / Emergency Medical Technician Pathway</td>
<td>• 43.46000 - Essentials of Fire and Emergency Services</td>
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<tr>
<td>• 43.44000 - Applications of Firefighting</td>
<td>• 43.45600 - Essentials of Fire and Emergency Services</td>
<td></td>
</tr>
<tr>
<td>• 25.46000 - Emergency Medical Technician</td>
<td>• 25.46000 - Emergency Medical Technician</td>
<td></td>
</tr>
</tbody>
</table>
### Manufacturing

**Manufacturing Pathway**
- 21.44100 - Foundations of Manufacturing and Materials Science
- 21.44500 - Robotics and Automated Systems
- 21.44400 - Production Enterprises

**Granite Technology Pathway**
- 47.45400 - Occupational Safety of Granite
- 47.45500 - Introduction to Granite
- 47.45600 - Applications in Granite Industry

**Mechatronics Pathway**
- 21.46200 - Introduction to Mechatronics - DC Theory, Pneumatic Systems, and Programmable Logic Controllers
- 21.46300 - AC Theory, Electric Motors, and Hydraulic Systems
- 21.46400 - Semiconductors, Mechanical Systems, and Pump and Piping Systems

**Industrial Maintenance Pathway**
- 46.41000 - Industrial Mechanics
- 46.42000 - Fluid Power and Piping Systems
- 46.43000 - Electrical Motor Control

### Marketing

**Marketing and Management Pathway**
- 08.47400 - Marketing Principles
- 08.44100 - Marketing and Entrepreneurship
- 08.44200 - Marketing Management

**Fashion, Merchandising and Retail Management Pathway**
- 08.47400 - Marketing Principles
- 08.42100 - Fashion, Merchandising and Retailing Essentials
- 08.42200 - Advanced Fashion, Merchandising and Retailing

**Marketing Communications and Promotions Pathway**
- 08.47400 - Marketing Principles
- 08.45100 - Promotion and Professional Sales
- 08.45200 - Marketing Communications Essentials

### Science, Technology, Engineering, Mathematics

**Engineering and Technology Pathway**
- 21.42500 - Foundations of Engineering and Technology
- 21.47100 - Engineering Concepts
- 21.47200 - Engineering Applications

**Electronics Pathway**
- 21.45200 - Foundations of Electronics
- 21.45300 - Advanced AC and DC Circuits
- 21.45400 - Digital Electronics

**Engineering Drafting and Design Pathway**
- 48.54100 - Introduction to Drafting and Design
- 48.54200 - Survey of Engineering Graphics
- 48.54300 - 3-D Modeling and Analysis
## Transportation, Distribution, and Logistics

<table>
<thead>
<tr>
<th>General Automotive Technology Pathway</th>
<th>Advanced Automotive Technology Pathway</th>
<th>Collision Repair - Painting and Refinishing Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.45000 – Automotive Technologies I</td>
<td>47.44400 – Automotive Technologies 4</td>
<td>47.56500 - Introduction to Collision Repair</td>
</tr>
<tr>
<td>47.45100 – Automotive Technologies 2</td>
<td>47.44500 – Automotive Technologies 5</td>
<td>47.56600 - Painting and Refinishing I</td>
</tr>
<tr>
<td>47.45200 – Automotive Technologies 3</td>
<td>47.44600 – Automotive Technologies 6</td>
<td>47.56700 - Painting and Refinishing II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Distribution and Logistics Pathway</th>
<th>Marine Engine Technology Pathway</th>
<th>Aviation Maintenance Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.47010 - Logistics Fundamentals</td>
<td>47.58000 - Foundations of Marine Engine Technology</td>
<td>47.46000 - Fundamentals of Aerospace</td>
</tr>
<tr>
<td>47.47110 - Logistics Operations</td>
<td>47.58100 - Marine Electrical Systems</td>
<td>47.46200 - Aviation Maintenance I</td>
</tr>
<tr>
<td>47.47210 - Materials Management</td>
<td>47.58200 - Marine Engine Drive Systems</td>
<td>47.46300 - Aviation Maintenance II</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Collision Repair - Non-Structural Analysis and Damage Repair Pathway</th>
<th>Flight Operations Pathway</th>
<th>Unmanned Aircraft Systems Pathway</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.56500 - Introduction to Collision Repair</td>
<td>47.46000 - Fundamentals of Aerospace</td>
<td>47.46000 - Fundamentals of Aerospace</td>
</tr>
<tr>
<td>47.56800 - Non Structural Analysis and Damage Repair I</td>
<td>47.48800 - Flight Operations I</td>
<td>47.46200 - Flight Operations I</td>
</tr>
<tr>
<td>47.56900 - Non Structural Analysis and Damage Repair II</td>
<td>47.48900 - Flight Operations II</td>
<td>47.48910 - Unmanned Aircraft Systems</td>
</tr>
</tbody>
</table>