

# Programs By Career Cluster:

## **Education, Human Services, and Public Safety**

### **Child and Family Development** **D** **C**

Students learn about human development and how systems of people work and function, leading to career pathways in helping professions such as teacher, social worker, or counselor. Also, students assist in operating a pre-school age play group.



#### **Possible Career Paths:**

- *With a 2-year CTE program:* Child Care Worker, increased demand 2.1%\*
- *An associate's degree or postsecondary:* Preschool Teacher, increased demand 14.6%\*
- *A bachelor's degree:* Elementary School Teacher, increased demand 6.1%\*

### **Cosmetology** **D** **C**

Students develop the professional skills and competencies necessary to pass the New York State practical and written Cosmetology licensing exams, which require completion of 1,000 hours of instruction. Students learn the fundamentals of hair design, chemical services, and nail and skin care.



#### **Possible Career Paths:**

- *With a 2-year CTE program:* Hair Stylist, increased demand 11.8%\*
- *An associate's degree or postsecondary:* Medical Aesthetician, increased demand 14%\*
- *A bachelor's degree:* Chemist, increased demand 11.1%\*

### **Criminal Justice** **D** **C**

Students explore opportunities in the field of criminal justice while learning about the history of law enforcement, civil and criminal law and our legal system. The program focuses on law enforcement at the local, state and federal levels, as well as the fields of security and corrections.



#### **Possible Career Paths:**

- *With a 2-year CTE program:* Security Guard, increased demand 14%\*
- *An associate's degree or postsecondary:* Paralegal, increased demand 16.5%
- *A bachelor's degree:* Crime Scene Investigator, increased demand 9.8%

#### **KEY**

**D** Dual Enrollment

**C** Industry Credentials (or credentialing/ licensing preparation)

\* Projected New York State Finger Lakes Region growth for 2016-2026, New York State Department of Labor

# Programs & Career Cluster Alignment

Our programs correlate to one or more US Dept. of Education Career Clusters

| <u>Program</u>                            | <u>Correlated Career Clusters</u>  | <u>Program</u>                                | <u>Correlated Career Clusters</u>   |
|---|--|---|---|
| Auto Body and Collision Repair Technology | Transportation, Distribution & Logistics<br>Science, Technology, Engineering & Mathematics | Dental Assisting                              | Health Science  |
| Automotive Technology                     | Transportation, Distribution & Logistics<br>Agriculture, Food & Natural Resources          | Digital and Visual Communication              | Arts, A/V Technology & Communications   |
| Baking                                    | Hospitality & Tourism<br>Human Services  | Engineering and Metal Fabrication - Machining | Manufacturing<br>Transportation, Distribution & Logistics                         |
| Carpentry                                 | Architecture & Construction<br>Science, Technology, Engineering & Mathematics              | Engineering and Metal Fabrication - Welding   | Manufacturing<br>Transportation, Distribution & Logistics                         |
| Child and Family Development              | Education & Training<br>Human Services   | Exercise Science                              | Health Science  |
| Computer Technology                       | Information Technology<br>Science, Technology, Engineering & Mathematics                   | HVAC/Plumbing                                 | Architecture & Construction   |
| Introduction to Construction Trades       | Architecture & Construction<br>Science, Technology, Engineering & Mathematics              | Heavy Equipment Operation and Maintenance     | Transportation, Distribution & Logistics<br>Agriculture, Food & Natural Resources |
| Cosmetology                               | Human Services<br>Marketing  | Nurse Assisting and Associated Health Careers | Health Science  |
| Criminal Justice                          | Law, Public Safety, Corrections & Security<br>Government & Public Administration           | Outdoor Powersports Technology                | Transportation, Distribution & Logistics  |
| Culinary Arts                             | Hospitality & Tourism<br>Human Services  | Phlebotomy and Laboratory Science             | Health Science<br>Agriculture, Food & Natural Resources                           |
|   |  | Residential and Commercial Electrical         | Architecture & Construction<br>Science, Technology, Engineering & Mathematics     |
|   |  | New Visions Health Professions                | Health Science  |

For details on Career Clusters, visit the U. S. Department of Education website or Advance CTE ([careertech.org](http://careertech.org))