Programs By Career Cluster:
Education, Human Services, and Public Safety

Child and Family Development 🅳 🅲

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, assist in operating a pre-school age play group.

Possible Career Paths:

- *With a 2-year CTE program:* Child Care Worker, increased demand 17.9%*

- *An associate's degree or postsecondary:* Preschool Teacher, increased demand 25.9%*

- *A bachelor's degree:* Elementary School Teacher, increased demand 12.6%*

Cosmetology 🅲

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. Practice 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 3.1%*

- *An associate's degree or postsecondary:* Aesthetician, increased demand 6.3%*

- *A bachelor's degree:* Sales Representative, increased demand 11.8%*

Exercise Science 🅳 🅲

Prepare for Personal Training certification while gaining experience with health & wellness, athletics, and rehabilitation professionals. Major topics include anatomy, physiology, bioenergetics, biomechanics, and kinesiology.

Possible Career Paths:

- *With a 2-year CTE program:* Fitness Trainer, increased demand 13.5%*

- *An associate's degree or postsecondary:* Physical Therapy Assistant, increased demand 36.7%*

- *Graduate degree:* Physical Therapist, increased demand 39.2%*

Criminal Justice 🅳 🅲

Explore opportunities in the field of criminal justice while learning about the history of law enforcement, civil and criminal law, and our legal system. Course content includes an in-depth look at police work, court cases and outcomes. 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 14.4%*

- *An associate's degree or postsecondary:* Paralegal, increased demand 15.3%

- *A bachelor's degree:* Crime Scene Investigator, increased demand 8.1%

KEY

🅳 Dual Enrollment   🅲 Industry Credentials (or credentialing/ licensing preparation)

* Projected New York State Finger Lakes Region growth for 2018-2028, New York State Department of Labor

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WEMOCO Career & Technical Education Center
Monroe 2–Orleans Board of Cooperative Educational Services
3589 Big Ridge Road, Spencerport, New York 14559

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Programs & Career Cluster Alignment
Our programs correlate to one or more US Dept. of Education Career Clusters

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

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