

Opportunity at your fingertips

Open the world of opportunity for careers in 20 different fields through a Monroe 2–Orleans BOCES Career and Technical Education program offered at WEMOCO. Explore careers and find your passion. Prepare yourself for a career with advancement opportunities by learning transferable skills and applying classroom knowledge. Leave WEMOCO ready to enter the workforce or continue your education.



Communications



Digital and Visual Communication

Transportation



Auto Body and Collision Repair Technology



Automotive Technology



Heavy Equipment Operation and Maintenance



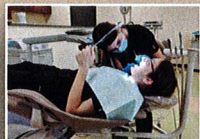
Outdoor Powersports Technology

Education



Child and Family Development

Health Science



Dental Assisting



Medical Laboratory Assisting and Phlebotomy



Nurse Assisting and Associated Health Careers

Law and Public Safety



Criminal Justice

Hospitality



Baking



Culinary Arts

Human Services



Cosmetology



Exercise Science

Information Technology



Computer Technology

Manufacturing



Engineering and Metal Fabrication - Machining



Engineering and Metal Fabrication - Welding

Construction



Carpentry



HVAC/Plumbing



Residential and Commercial Electrical

Monroe 2–Orleans BOCES Career and Technical Education

3589 Big Ridge Road Spencerport, NY 14559 • (585) 352-2471

Find more info about WEMOCO at www.monroe2boces.org/CTE

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See Class Descriptions on back →

Career and Technical Education

Class Descriptions

Communications

Digital and Visual Communication –

Learn how individual creativity integrates with graphic/multimedia technical skills. Coursework utilizes Adobe Creative Cloud to create, design, edit and produce graphic images for web pages, print products and video (including moving images and sound).

Transportation

Auto Body and Collision Repair

Technology – Learn detailing and to repair and refinish vehicles, including metal straightening, MIG-welding, plastic fillers and major collision repair.

Automotive Technology – Maintain, diagnose and repair vehicles by identifying mechanical and electronic/computer issues that affect vehicle performance and safety.

Heavy Equipment Operation and

Maintenance – Prepare for a commercial driver's license (CDL) and learn skills required by heavy equipment operators for construction, landscaping and highway industries, as well as the maintenance and repair of construction-related equipment.

Outdoor Powersports Technology –

Learn to diagnose/troubleshoot, repair and maintain two- and four-stroke recreational and utility machines. Gain real-world experience driven by seasonal demands.

Education

Child and Family Development –

Learn about human development from birth to adulthood in preparation for a career in helping professions such as teacher, social worker, or counselor. Assist in operating a pre-school aged playgroup.

Health Science

Dental Assisting – Prepare for and practice chairside assisting and gain 200 hours of clinical experience in local dental office rotations.

Medical Laboratory Assisting and

Phlebotomy – Learn laboratory skills while exploring laboratory science careers and preparing for work in the medical field. Complete coursework necessary to earn certification as a Phlebotomy Technician, a Certified Medical Laboratory Assistant, and in American Red Cross CPR/AED and first aid.

Nurse Assisting and Associated Health

Careers – Learn the fundamentals of patient care necessary for entry-level employment in health care settings. Work directly with patients and participate in over 100 hours of clinical experiences.

Hospitality

Baking – Gain skills in the preparation of confectionary foods: breads, pizza, rolls, cakes, cookies and pastries. Learn to operate a retail bakery.

Culinary Arts – Prepare food in professionally-equipped kitchens while acquiring knowledge of nutrition, menu planning, catering, dining service and restaurant management.

Human Services

Cosmetology – Learn the fundamentals of hair design, chemical services, and nail and skin care. Gain the professional skills and hours necessary to pass the NYS cosmetology licensing exams while practicing skills and shadowing in salons.

Exercise Science – Prepare for personal training certification while gaining experience with health & wellness, athletics, and rehabilitation professionals.

Information Technology

Computer Technology – Learn about the CompTIA A+ curriculum through the Cisco Networking Academy, customer service support and video game design.

Law and Public Safety

Criminal Justice – Learn about the three branches of criminal justice while preparing for civic-minded professions including law enforcement, the courts and corrections.

Manufacturing

Engineering and Metal Fabrication –

Machining Learn the intricacies of removing metal to create parts with high precision. Build skills necessary to operate manual and Computer Numerical Controlled (CNC) lathes, mills and power saws for employment in a high-demand field.

Engineering and Metal Fabrication –

Welding Learn to weld metal together using industry-standard processes of Shielded Metal Arc Welding (SMAW-Stick), Gas Tungsten Arc Welding (GTAW-TIG), and Gas Metal Arc Welding (GMAW-MIG), as well as plasma arc and oxy-acetylene cutting.

Construction

Carpentry – Learn fundamentals of residential carpentry and gain real-world experience by contributing to the construction of a new house.

HVAC/Plumbing – Learn fundamentals of and practice fitting, assembling, and preparing piping. Install residential/ commercial heating, air conditioning, refrigeration and ventilation systems.

Residential and Commercial

Electrical – Learn electrical theory, wiring and to interpret and apply the requirements of the National Electric Code for residential and commercial construction projects.