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All programs are held in both our **Henry Campus** in **Syracuse** and our **McEvoy Campus** in **Cortland** unless otherwise noted.



Notice our embedded programs, which are held offsite to provide students a hands-on learning experience.

CAREER & TECHNICAL EDUCATION PROGRAMS

OCMBOCES



Committed to Your Success

MISSION STATEMENT

The **Onondaga-Cortland-Madison BOCES** exists to develop and provide educational programs and services of the highest quality for the component school districts and the community.

WORKING TOGETHER

OCM BOCES is the seventh largest of the 37 BOCES in New York state and has collaborated with its component districts for more than 60 years. It currently serves **23 districts** in Onondaga, Cortland and Madison counties:

Baldwinsville	Liverpool
Cazenovia	Lyncourt
Chittenango	Marathon
Cincinnatus	Marcellus
Cortland	McGraw
DeRuyter	North Syracuse
Fabius-Pompey	Onondaga Central
Fayetteville-Manlius	Solvay
East Syracuse Minoa	Tully
Homer	West Genesee
Jamesville-DeWitt	Westhill
LaFayette	



OCM BOCES CAREER & TECHNICAL EDUCATION PROGRAMS



State-of-the-art training. Marketable skills. Real-world experience.

OCM BOCES Career & Technical Education (CTE) and New Vision classes at the Irvin E. Henry (Syracuse) and Charles H. McEvoy (Cortland) education campuses are designed for students who are on a college track or planning an immediate entry into the workforce.

CAREER & TECHNICAL EDUCATION

Our two-year CTE programs provide state-of-the-art career and technical education for Onondaga-Cortland-Madison BOCES component school districts. In meeting that objective, our courses serve as an integral part of the curriculum offered by each of the component school districts. Career & Technical Education emphasizes a broad spectrum of job-specific skills using the most current business/industry-based technologies applicable to personal and career goals. These skills prepare students for the workforce and postsecondary study. Students may also earn high school core academic and college-level credit during their OCM BOCES program. Students who successfully complete the two-year CTE program and pass the industry-standard assessment will earn the New York State Career and Technical Education endorsement on their high school diploma.

NEW VISION

New Vision is an exciting approach to program delivery for eligible high school seniors. It provides an in-depth overview of a chosen professional field by placing the student in an actual work environment outside of school. New Vision successfully integrates English and social studies into a meaningful curriculum based on a career interest. New Vision provides a sense of relevance to the senior year and a directed transition to the next step of professional development.



FOR MORE INFORMATION

For more information about any of these programs, see your high school guidance counselor or call our OCM BOCES guidance counselors at:

Syracuse Location

Henry Campus • 6820 Thompson Road
(315) 433-2635

Cortland Location

McEvoy Campus • 1710 NYS Route 13
(607) 758-5260

www.ocmboces.org

AUTOMOTIVE COLLISION TECHNOLOGY

Program Description

Automotive Collision Technology is a two-year program in which students learn the essential skills needed to begin a career in the auto body and collision industry. As specialists in the automotive industry, Automotive Collision Technology students gain real-world and hands-on experience working in an industry-standard collision lab setting. Students will learn the fundamentals of vehicle refinishing, metalwork, unitized body and frame alignment, painting and finishing, welding, plastics repair, body repair/replacement, cost estimation and customer service skills. Students are provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Auto detailer
- Paint technician
- Body technician
- Frame & auto body specialist
- Auto body computer program designer*
- Automobile insurance claim adjuster*
- Body shop supply store/customer service*
- Shop owner*

* Advanced Employment — Additional training may be necessary



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

Shop safety
Vehicle refinishing
Part removal & replacement
Minor dent repair
Detailing
Welding
Estimating
Structural design
Frame straightening



CONTINUING EDUCATION PARTNERS

Morrisville State College
SUNY Alfred
SUNY Canton
University of Northwestern Ohio

AUTOMOTIVE TECHNOLOGY

Program Description

Automotive Technology is a two-year program designed to provide students with basic mechanical knowledge and skills. As an Automotive Service Excellence (ASE) program certified by the National Automotive Technicians Education Foundation (NATEF), it gives students knowledge and skills through a combination of theoretical study and hands-on lab work, including the repair of customer vehicles in brake systems, engine performance diagnosis, suspension and steering, electronic control systems and on-board computerized engine control systems diagnosis on automobiles and light trucks. This program, which is nationally and state-certified, is the first step in preparing an individual for a career in the technical repair field. Over the course of the program, students are provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing the industry-standard ASE NATEF technical assessment.

Career Opportunities

- Automotive service technician
- Customer care technician
- Retail parts specialist
- Retail salesperson
- Tire technician
- Automotive technician/mechanic*
- Business owner/operator*
- Emissions analyst and repair technician*
- Engine builder*
- Engine performance technician*
- Industrial repair specialist*
- Parts manager*
- Parts research & development*
- Service & repair manager*
- Service writer/adviser*
- Tire mechanic*

* Advanced Employment — Additional training may be necessary



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

Tool use & safety
Engine performance
Drive train & axles
Braking systems
Electrical systems
Suspension & steering
Heating & air conditioning
New York state inspection
Electronic service & repair
Information systems



CONTINUING EDUCATION PARTNERS

Herkimer Community College
Morrisville State College
SUNY Alfred
SUNY Canton
SUNY Delhi
University of Northwestern Ohio



BUSINESS PARTNERSHIP

Burdick Driver's Village

COMPUTER TECHNOLOGY

Program Description

The Computer Technology program is designed to prepare students for the ever-changing world of computer and information technology. Through a combination of theory and hands-on lab work, this two-year, Cisco-certified program provides students with the essentials of computer repair and support in the first year, before transitioning to the fundamentals of networking in year two. As the first step in the computer technology career path, the program gives students the opportunity to earn the industry-recognized Cisco Career Certification, which also serves as a gateway to the industry-recognized CCNA Certification. Moreover, the CompTIA A+ Certification is yet another key offering that helps fulfill a comprehensive program for students who are preparing for entry-level work or have post-secondary aspirations. Prior to completion, students are also provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma, which they can achieve by successfully passing the industry-standard technical assessments.

Career Opportunities

- Computer installer
- Computer repair technician
- Computer sales representative
- IT support specialist
- Computer hardware engineer*
- Computer network administrator*
- Computer network architect*
- Computer programmer*
- IT & research scientist*
- IT security analyst*
- Mobile application developer*
- Network & computer systems analyst*
- Software developer*

* Advanced Employment — Additional training may be necessary



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

Computer basics session layer
Networking fundamentals
OSI model presentation
Networks application
TCP/IP protocol & IP addressing
LAN & WAN technologies
Cisco IOS software
Routing and routing protocols
Router configuration
Internet protocol addressing
TCP/IP LAN switching
Novell IPX network management
Intro to network administration
Point-to-point protocol integrated services digital network (ISDN)
Frame relay network management



CONTINUING EDUCATION PARTNERS

Broome Community College
Bryant & Stratton College
Morrisville State College
Onondaga Community College
Tompkins Cortland Community College

CONSTRUCTION TECHNOLOGY

Program Description

The two-year Construction Technology program teaches students the essential skills needed to begin a career in the building and construction trades. Through the construction of a new house, students will gain real-world knowledge and hands-on experience in the fundamental components of carpentry, drywall, painting, framing, roofing, floor installation, door and window installation, blueprint reading, siding, electrical wiring, plumbing, proper tool use and OSHA safety training. Students will develop and demonstrate integrated academics and employability skills through class activities, projects, a live clinic, community service and professional development. Students are also provided with the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Construction worker
- Framing carpenter
- Painter/wall coverer
- Roofer
- Carpenter*
- Concrete finisher/mason*
- Drywall finisher*
- Electrician*
- Glazier & glass worker*
- Plumber*
- Tile/floor/window installer*

* *Advanced Employment — Additional training may be necessary*



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

OSHA & NOCTI construction safety standards
Blueprint reading & drafting
Construction safety standards
Residential construction
Framing
Roofing
Siding
Drywall finishing
Cabinet installation
Residential wiring



CONTINUING EDUCATION PARTNERS

Alfred State College
Morrisville State College
Onondaga Community College
SUNY Delhi
SUNY Canton
Tompkins Cortland Community College



COSMETOLOGY

Program Description

Cosmetology is a two-year program that instructs students in the theory and practical skills necessary to prepare them for a career in the cosmetology field and/or postsecondary education. Students are provided with hands-on training and experience to pursue employment opportunities in such roles as cosmetologists, nail technicians, estheticians, hair stylists, salon managers and small-business owners. As part of the required 1,000 hours of instruction over a two-year period, students are provided with clinical and internship experiences in addition to the opportunity to apply for their New York State Cosmetology License and earn a Career and Technical Endorsement on their diploma by successfully passing a technical assessment.

Career Opportunities

- Nail technician
- Salon manager
- Salon owner
- Stylist
- Esthetician*
- Image consultant*
- Platform artist*

* Advanced Employment — Additional training may be necessary



AVAILABLE ACADEMIC CREDITS

- 3 CTE per year
- 1 Science or Math per year



TECHNICAL SKILLS

- Professional ethics & work attitudes
- Hygiene, bacteriology, sterilization & sanitation
- Conditioning & corrective hair treatments
- Nail care/technology
- Hair coloring & lightening
- Hair styling & shaping
- Chemical texture services
- Esthetics
- Techniques in barbering



CONTINUING EDUCATION PARTNERS

- Bryant & Stratton College
- Onondaga Community College
- Onondaga School of Therapeutic Massage
- Tompkins Cortland Community College

CULINARY & PASTRY ARTS

Program Description

Culinary & Pastry Arts is a hands-on food preparation program that provides students with broad exposure to the science of cooking and the art of pastry design. Through an academic partnership with the National Restaurant Association, students will develop their culinary and pastry skills learning the ProStart curriculum in food production, dining etiquette, customer service, food safety and sanitation. As part of the required 1,000 hours of instruction over a two-year period, students are provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing the industry-standard ProStart exams and NOCTI performance assessment.

Career Opportunities

- Baker
- Catering chef*
- Executive chef*
- Line cook
- Short order cook
- Nutritional consultant*
- Pastry chef*
- Research chef*
- Restaurant manager*
- Sous-chef*

* Advanced Employment — Additional training may be necessary



AVAILABLE ACADEMIC CREDITS

- 3 CTE per year
- 1 Science or Math per year



TECHNICAL SKILLS

- Safe & sanitary food handling
- Operation & maintenance of kitchen and bakery equipment
- Restaurant & dining operations
- Customer service
- Hot & cold food preparation
- Preparation methods of cooking, breads, cakes, custards, pies & pastry
- Cake-decorating skills
- Knife skills



CONTINUING EDUCATION PARTNERS

- Bryant & Stratton College
- Culinary Institute of America
- Johnson & Wales University
- Paul Smith's College
- SUNY Alfred

EARLY CHILDHOOD EDUCATION

Program Description

The Early Childhood Education program is offered to students who want to pursue a career working with young children. Students learn about the characteristics, needs and behaviors of 3- and 4-year-olds and study best practices on how to guide and teach them in a nursery school setting. Each high school student in the program is provided the opportunity to participate in all phases of operating the nursery school. Students are responsible for the planning, preparation and presentation of activities for young children, functioning as student teachers under the supervision of a certified teacher. Students are provided with embedded internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Child care worker
- Teaching assistant/aide
- Elementary education teacher*
- Family services worker*
- Nursery school director*
- Parent educator*
- Preschool teacher*
- Social services coordinator*
- Special education teacher*

* *Advanced Employment — Additional training may be necessary*



AVAILABLE ACADEMIC CREDITS

- 3 CTE per year
- 1 Science or Math per year



TECHNICAL SKILLS

- Child development
- Psychology
- Preschool curriculum
- Lesson planning & preparation
- Instructional presentation styles & techniques
- Nutrition & snack preparation
- Supervision of young children
- Child health & safety
- Children with diverse needs
- First aid & infant/child CPR & AED



CONTINUING EDUCATION PARTNERS

- Mohawk Valley Community College
- Onondaga Community College
- SUNY Cortland
- SUNY Oswego
- Tompkins Cortland Community College



GRAPHIC COMMUNICATIONS

Program Description

Graphic Communications is a two-year, project-based program for students who want to develop 21st-century career and communication skills in graphic design and artistry. Macintosh computers and Adobe software are featured, as are projects in the form of multimedia advertisements, logo design, business cards, computer illustrations, digital imaging, multimedia and web design. Field visitations to advertising agencies, printing companies and colleges are embedded into the program. Dual-credit courses are an integral component of the program and are offered through Tompkins Cortland Community College, where students may earn up to six college credits in Art and Communications. Prior to completion, students are also provided with internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Advertising design & layout
- Photography
- Television, film, radio, social & print media*
- Animation*
- Computer graphics*
- Graphic design*
- Marketing & advertising*
- Publishing*
- Video production*
- Industrial, visual, web & interior design*

* Advanced Employment — Additional training may be necessary

Only available at McEvoy Campus



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year
6 college credits through Tompkins Cortland Community College



TECHNICAL SKILLS

Adobe Creative Suite software
Vector- & raster-based graphics
Digital photography
Video production
Marketing & advertising
Macintosh OS
Typography
Pre-flight professional printing
Flash animation



CONTINUING EDUCATION PARTNERS

Bryant & Stratton College
Herkimer Community College
Mohawk Valley Community College
Onondaga Community College
Tompkins Cortland Community College

HEALTH OCCUPATIONS

Program Description

Health Occupations is a two-year program offering theory and practical experience for students interested in the medical and health care professions. Students are introduced to multiple facets of long-term care, basic nursing procedures, patient rights, ethical practices, medical terminology and body systems. Students will have the opportunity to earn a New York state license as a certified nursing assistant and CPR & First Aid certification. This training includes a minimum of 108 hours in a long-term care clinical setting. Students are provided with embedded internship experiences and the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Certified nurse assistant
- Home health aide
- Dental assistant/hygienist*
- Dietician/nutritionist*
- EMT/paramedic*
- Licensed practical nurse*
- Medical records & health information technician*
- Medical transcriptionist*
- Physician assistant*
- Registered nurse*

* *Advanced Employment — Additional training may be necessary*



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

Personal care skills
Body structure & functions
Anatomy & physiology
Patient rights & patient health
CPR & First Aid
Direct patient care
Basic nursing practices
Measurement
Reporting, ethics



CONTINUING EDUCATION PARTNERS

Broome Community College
Bryant & Stratton College
Crouse College of Nursing
Morrisville State College
Onondaga Community College
St. Joseph's College of Nursing
Tompkins Cortland Community College



BUSINESS PARTNERSHIPS

The Centers at St. Camillus
Menorah Park
Cortland Park Rehabilitation & Nursing Center
Syracuse Home Association

LABORATORY TECHNOLOGY

Program Description

Working in an industrial design medical laboratory environment, students enrolled in the two-year Laboratory Technology program will acquire the knowledge and technical skills that will prepare them for positions as entry-level laboratory assistants or advanced placement in postsecondary education. Students will gain practical learning experience through scientific investigations and experiments, as well as the collection and testing of samples, writing reports and presenting information in a state-of-the-art, high-tech laboratory setting. As a career link, established partnerships with many local businesses and medical facilities provide students with internships and potential future employment opportunities. In addition, students have the opportunity to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Agricultural technician*
- Biological technician*
- Chemical technician*
- Environmental specialist*
- Food science technician*
- Forensic scientist*
- Medical laboratory technician*
- Pathology laboratory technician*
- Pharmaceutical laboratory technician*
- Quality control microbiologist*
- Research laboratory technician*
- Water laboratory technician clinical laboratories*

* Advanced Employment — Additional training necessary



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



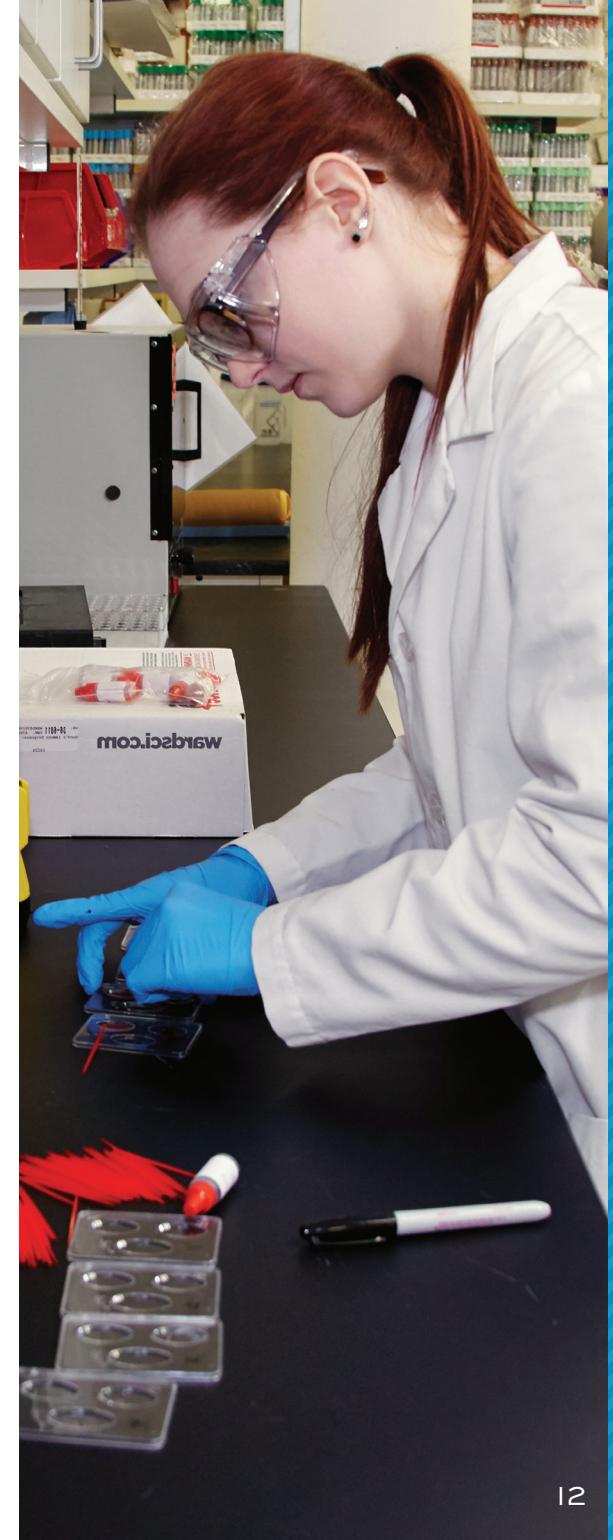
TECHNICAL SKILLS

- Planning & conducting controlled experiments
- Data recording & analysis
- Demonstrating appropriate laboratory techniques & procedures
- Sample collection, preparation & testing
- Operation & maintenance of lab equipment
- Presenting results & findings
- Technical writing for reports, projects, reviews & summaries



CONTINUING EDUCATION PARTNERS

Broome Community College
Onondaga Community College
Tompkins Cortland Community College



MEDIA MARKETING COMMUNICATIONS

Program Description

The two-year Media Marketing Communications program offers a rigorous high school and college level of study that pairs hands-on learning in a real-world business setting at WCNY, Central New York's public media organization. WCNY's Broadcast and Education Center serves as a 21st-century classroom for the students under the instructional guidance of OCM BOCES, Onondaga Community College and WCNY professionals. In this course, students will work alongside WCNY staff on projects across TV, radio, social media, web and print platforms, learning firsthand the fundamentals of the world of broadcast media, marketing and communications. Another integral component of the program is the dual-credit courses offered through Onondaga Community College, where students begin building their transcript by taking college credit courses on-site with college instructors. Students will also be eligible to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-based technical assessment.

Career Opportunities

- Animation
- Arts management
- Computer graphics
- Graphic design
- Industrial, visual, web & interior design
- Journalism
- Marketing & advertising
- Publishing
- Public relations
- Television, film, radio, social & print media
- Video production



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year
15-18 college credits through Onondaga Community College



TECHNICAL SKILLS

Television & radio broadcasting
Cable television
Sound & video recording
Computer graphics & web design
Effective use of social media
Corporate video production
Marketing & advertising
Documentary & educational programming



CONTINUING EDUCATION PARTNER

Onondaga Community College



BUSINESS PARTNERSHIP

WCNY

PHYSICAL THERAPY PROFESSIONS

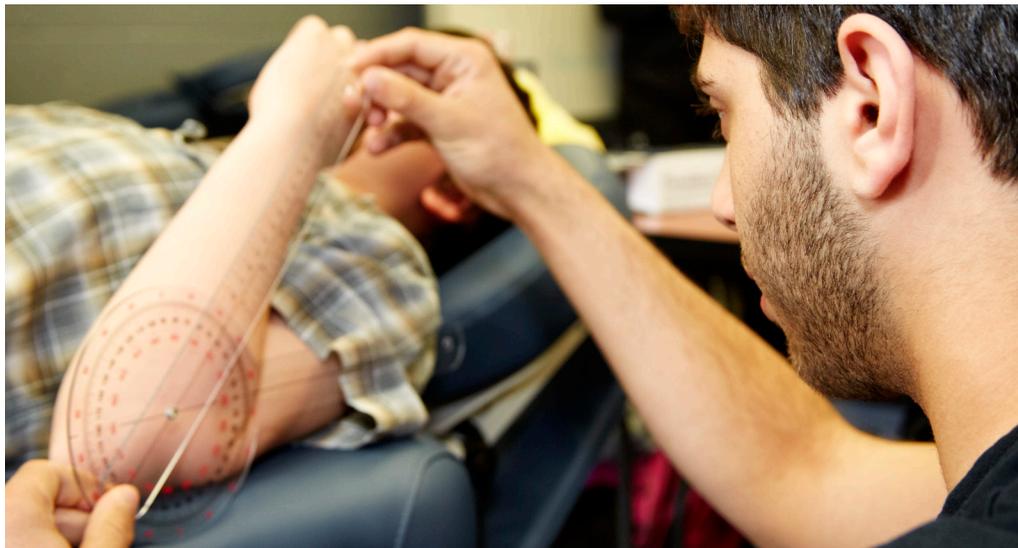
Program Description

This two-year program is designed for highly motivated students who are interested in gaining a postsecondary edge in pursuing a career as a physical therapist, a physical therapist assistant or a practitioner in a related field. Students will study the fundamentals of the physical therapy profession, including the elements of movement, evaluation, treatment and anatomy and physiology. We have post-secondary partners that offer on-site dual-credit courses, allowing students to begin building their college transcript. Another important component of the program is providing students with opportunities to shadow physical therapy professionals in the field. Students are also able to earn a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Athletic trainer*
- Occupational therapist*
- Physical therapist*
- Physical therapist assistant*
- Respiratory therapist*
- Rehabilitation counselor*
- Speech therapist*

* *Advanced Employment — Additional training necessary*



AVAILABLE ACADEMIC CREDITS

- 3 CTE per year
- 1 Science or Math per year
- 13 college credits through Onondaga Community College - *Syracuse Only*
- 18-22 college credits through concurrent enrollment with Tompkins Cortland Community College - *Cortland Only*



TECHNICAL SKILLS INTRODUCED

- Assistive & adaptive devices
- Body mechanics
- Cardiac care
- Clinical observation
- Communication & interpersonal practices
- Flexibility, adaptability & cultural sensitivity
- HIPAA laws & regulations
- Individual & teamwork collaboration
- Interpret & evaluate information
- Manual therapy techniques
- Mechanical modalities
- Patient safety
- Physical agents
- Therapeutic exercise
- Understand anatomy & physiology



CONTINUING EDUCATION PARTNERS

- Onondaga Community College
- Tompkins Cortland Community College

WELDING TECHNOLOGY

Program Description

Skilled welding technicians have multiple employment options and are a vital link in the manufacturing, construction and facilities maintenance industry. As a two-year program, Welding Technology provides students the skills of arc welding, resistance welding, brazing and soldering, as well as cutting, heat-treating and metallurgy. Students gain knowledge of electrical systems, power sources and different welding technologies, welding systems, print interpretation and measurement, as well as the use and interpretation of visual symbols related to welding. This course will give students knowledge and technical skills that will prepare them for positions as an entry-level welder or advanced placement in postsecondary education. Work-based learning sites are developed in the second year to allow the opportunity to intern at many local businesses. Students are also provided with the opportunity to earn industry-recognized AWS certifications and a Career and Technical Endorsement on their diploma by successfully passing an industry-standard technical assessment.

Career Opportunities

- Assembler tack welder
- Maintenance welder
- Structural welder
- Welding technician
- Construction welder*
- Fabricator welder*
- Production welder*
- Reactor welder*
- TIG/MIG welder*
- Underwater welder*
- Welding machine operator*
- Welding engineer*
- Welding inspector*

* *Advanced Employment — Additional training may be necessary*



AVAILABLE ACADEMIC CREDITS

3 CTE per year
1 Science or Math per year



TECHNICAL SKILLS

Arc welding
Metal inert gas welding
Tungsten inert gas welding
Brazing
Soldering
Metallurgy
Welding print reading
Heat treatment
Flame cutting



CONTINUING EDUCATION PARTNERS

Morrisville State College
SUNY Delhi
SUNY Alfred

NEW VISION CRIMINAL JUSTICE

Program Description

New Vision Criminal Justice, a one-year program offered to high school seniors, is located at the Onondaga County Sheriff's Office. Students study the components of law enforcement, the judiciary and corrections systems, causes and prevention of crime, and current topics of interest, including community relations, gun control, drug enforcement, cybercrime and capital punishment. Class visitations by community and career professionals will occur in addition to internship and job-shadowing opportunities. Community service projects and real-world exposure to the criminal justice system are integral components of this career-building program. Students will also fulfill their English 12, Participation in Government and Economics requirements toward graduation.

Eligibility requirements: Interested students must be in their senior year of high school, in good academic standing and on target with all graduation requirements. Eligible candidates should exhibit self-motivation, enthusiasm and maturity, and must be willing to work both independently and as a team member in diverse settings.

Advanced Training Career Opportunities

- ATF special agent
- Animal cruelty investigator
- Customs and Border Patrol agent
- CIA agent
- Canine officer
- Computer forensics
- Corrections officer
- County sheriff
- Court reporter
- Criminologist
- Conservation officer
- DEA agent
- Deputy U.S. marshal
- Diplomatic security
- FBI agent
- Federal air marshal
- Federal probation officer
- Forensic science
- Homeland security
- ICE special agent



AVAILABLE ACADEMIC CREDITS

- 3 Career Studies
- 1 English 12
- ½ Participation in Government
- ½ Economics



EXPERIENCE FIRSTHAND

- Observe criminal trials
- Observe arraignments
- Law enforcement shadowing
- DWI awareness



CLASS TRIP

This class participates in an annual four-day trip to Washington, D.C., for National Law Enforcement Memorial Week. Key components of the trip include:

- FBI Academy
- Police Memorial
- Smithsonian Institution
- Congress and Capitol Hill
- Bureau of Engraving



“This not only prepared me for higher education and a career, **it prepared me for life.**”



NEW VISION ENVIRONMENTAL SCIENCE

Program Description

New Vision Environmental Science is a one-year program offered to highly motivated high school seniors. During the program, located at Lime Hollow Nature Center, students will explore environmental issues in a real-world setting on nearly 430 acres consisting of forests, fields, streams, bogs, ponds, flora and fauna, with access to numerous trails. As the classroom moves from outdoors to indoors, students will learn in a state-of-the-art environmental education center as they conduct research and study environmental topics in depth. Topics include forestry, fish, wildlife, maple production, environmental issues, soil, water, land use and outdoor recreation. Students interact with professionals in the field and use time in the classroom to analyze current trends in careers. Class visitations by professionals in the field, community service projects and field trips are integral components of the program. Students will also fulfill their English 12, Participation in Government and Economics requirements toward graduation.



AVAILABLE ACADEMIC CREDITS

3 Career Studies
1 English 12
½ Participation in Government
½ Economics



EXPERIENCE FIRSTHAND

Scientific research & inquiry
A blended modern classroom & outdoor learning environment
Identification of local flora & fauna
Pathological problems in forestry & wildlife
Regulations & economic factors affecting the forest industry
Conducting a forest resource inventory & timber appraisal
Project collaboration with local, state & federal environmental agencies
Hiking, cross-country skiing, snowshoeing
Individual & teamwork problem-solving

”

“I feel so much more prepared for college.
This is the real deal!”

NEW VISION MEDICAL PROFESSIONS

Program Description

New Vision Medical Professions is a one-year program offered to highly motivated high school seniors. In this health care field immersion program, students will explore related career pathways as they participate in scheduled rotations at local health care facilities including Crouse Hospital and Cortland Regional Medical Center. Students will experience the medical profession firsthand, working with physicians, nurses and other health professionals. Through a combination of research and hands-on projects, students will learn about medical ethics, patient rights, human anatomy and physiology, governmental regulations and health careers. Students will also earn their CPR certification and fulfill their English 12, Participation in Government and Economics requirements toward graduation. Cortland students may also participate in the English 101 dual-credit course through Tompkins Cortland Community College.

Eligibility requirements: Interested students must be in their senior year of high school, in good academic standing and on target with all graduation requirements. Eligible candidates should exhibit self-motivation, enthusiasm and maturity, and must be willing to work both independently and as a team member in diverse settings.

Advanced Training Career Opportunities

- Athletic trainer
- Biomedical engineer
- Cytotechnologist
- Histology technician
- Laboratory technician
- Medical technologist
- Nurse (LPN, RN, practitioners & midwives)
- Occupational therapist & assistant
- Pharmacist
- Physician assistant
- Physical therapist & assistant
- Recreational therapist
- Ultrasonographer

Potential Clinical Rotations

- Cardiology
- Emergency room
- Health & hospital administration
- Histology
- Laboratory
- Long-term care
- Medical technology
- Nuclear medical technologists
- Nursing (LPN, RN, practitioners, & midwives)
- Obstetrics
- Occupational & physical therapy
- Pharmacy
- Radiology
- Respiratory therapy
- Ultrasonography and X-ray



AVAILABLE ACADEMIC CREDITS

- 3 Career Studies (Syracuse)
- 1 Health Careers (Cortland)
- 1 Anatomy & Physiology (Cortland)
- 1 English 12
- ½ Participation in Government
- ½ Economics
- 3 English 101 college credits through Tompkins Cortland Community College - Cortland Only



EXPERIENCE FIRSTHAND

- Introduction to related health careers
- Health care systems & facilities
- Scientific research & inquiry
- Emergency care & CPR
- Personal & patient safety
- Therapeutic communications
- Related microbiology
- Nutrition
- Legal & ethical issues/confidentiality
- Economic issues in the health care industry



Syracuse location: Marshall Square Mall, 720 University Ave • Syracuse



Cortland location: Cortland Regional Medical Center, 134 Homer Ave • Cortland

OCMBOCES

Committed to Your Success

