

# THE RISE IN CTE

career & technical education



## THE TOP 10 HARDEST-TO-FILL JOBS INCLUDE SKILLED TRADE WORKERS

**MIDDLE-SKILL JOBS** that require education and training beyond high school, but less than a bachelor's degree, are a significant part of the economy



81% of dropouts say **RELEVANT REAL-WORLD LEARNING OPPORTUNITIES** would have kept them in high school\*



More than **85% OF CTE STUDENTS** are planning to continue on to postsecondary education



**100% OF ACADEMY STUDENTS** have the **OPPORTUNITY** to earn college credit and/or an industry certification through CTE

\*Association for Career & Technical Education \*\* ESBOCES 2017-18 Strategic Plan



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# Career and College Pathways

for High School Students

Giving Students the Power to Succeed in Post-Secondary Education While Preparing Them for the World of Work



Find Your Future Here



(631) 244-5815

Photo by Angela Pacheco

# Benefits for Students Enrolled in The Academy

| Program   | Location of CTE Program | Industry Certification  | Maximum # of College Credits/<br>Tuition Discounts | College Articulations  |
|---|-------------------------|---|--|--|
|   |                         |   |  | <i>*Maximum number of college credits received may vary by college/trade school/institution and additional criteria such as grades, attendance, etc.</i>   |
| Animal Science  | BTC, WTC                | NYS DEC Wildlife Rehabilitator  | 9 credits  | Five Towns College, Harcum College, <b>Morrisville State College*</b> , SUNY Cobleskill, SUNY Canton, SUNY Delhi   |
| Art, Design and Visual Communications                   | BTC                     | Adobe Certified Associate–Illustrator   | 6 credits  | Five Towns College, Mohawk Valley Community College, Sullivan County Community College, SUNY Canton, SUNY Cobleskill   |
| Audio Production  | MTC, WTC                |   | 6 credits  | Five Towns College, <b>SUNY Suffolk Beacon Program*</b>  |
| Auto Body Repair and Car Customizing                    | MTC, WTC                | I-CAR   | 9 credits  | Alfred State College, New England Institute of Technology  |
| Automotive Technology                                   | MTC, WTC, EHS           | Year 1 – MLR, Year 2 – AST<br>Snap-On DMM<br>SP2/Safety, NYS Motor Vehicle Inspector                | 12 credits   | Alfred State College, New England Institute of Technology, New York Automotive & Diesel Institute, Ohio Technical College, SUNY Canton, SUNY Delh, <b>SUNY Suffolk Beacon Program*</b> , University of Northwestern Ohio |
| Aviation/Professional Pilot Training                    | BTC                     | FAA Private Pilot   | 7 credits  | Embry-Riddle Aeronautical University, <b>Farmingdale State College University in High School*</b> , Vaughn College of Aeronautics  |
| Barbering   | BTC                     | NYS Licensed Master Barber, BLS**   | 3 credits  | Five Towns College, SUNY Cobleskill  |
| Carpentry/Residential Construction and Home Improvement | BTC, SHS, MHS           | HBI, OSHA -10<br>OSHA-30  | 9 Credits  | Alfred State College, New England Institute of Technology, Northeast Regional Council of Carpenters Apprenticeship Program, SUNY Delhi   |
| Certified Personal Trainer                              | BTC                     | ISSA, BLS**/AED<br>Specialist in Exercise Therapy   | 9 credits  | <b>Buffalo State College Access Program*</b> , Monroe College, SUNY Canton, <b>SUNY Suffolk Beacon Program*</b>  |
| Clinical Medical Assisting                              | MTC, WTC, SHS           | EKG Phlebotomy, BLS**<br>CHP Medical Assisting  | 9 credits  | Five Towns College, Monroe College, New England Institute of Technology  |
| Computer Repair and Networking                          | BTC                     | Year 1 - OSHA-10, CompTia A+<br>TestOut<br>Year 2 - CompTia Network +<br>ETA Electronics Technician | 9 credits  | Five Towns College, Monroe College, New England Institute of Technology, SUNY Canton, SUNY Cobleskill  |
| Cosmetology   | MTC, WTC, BHS           | NYS Cosmetology License   | 6 credits  | Five Towns College, New England Institute of Technology  |
| Culinary Arts/Restaurant Operations Management          | MTC, WTC                | Year 1 - ServSafe<br>Suffolk County Food Handler<br>Year 2 - Prostart, ACF, CPJC, CFC               | 9 credits  | Alfred State College, The Culinary Institute of America, Five Towns College, Monroe College, Sullivan County Community College, SUNY Cobleskill, SUNY Delhi, <b>SUNY Suffolk Beacon Program*</b>                         |
| Dental Chairside Assisting                              | BTC                     | BLS**   | Advanced Standing & Tuition Discount               | Plaza College, <b>University of Bridgeport/Goodwin University*</b>   |
| Early Childhood Education                               | MTC, WTC                | CDA, BLS**/AED  | 6 credits  | Herkimer College, Monroe College, SUNY Canton, SUNY Cobleskill   |
| Electrical Trade and Alternative Energy                 | BTC, MTC, WTC           | HBI, OSHA-10, OSHA-30   | 5 credits  | Electrical Training Center, Inc., New England Institute of Technology, SUNY Delhi  |
| Emergency Medical Technician                            | BTC                     |   |  |  |
| Fashion Merchandising and Design                        | BTC                     |   | 6 credits  | <b>Buffalo State College Access Program*</b> , Five Towns College, Laboratory Institute of Merchandising   |
| Heating, Ventilation and Air Conditioning (HVAC)        | MTC, WTC                | EPA 608 Level 1 & 2 Universal<br>OSHA-10, NCCER   | 14 credits   | Electrical Training Center, Inc., New England Institute of Technology, SUNY Canton, SUNY Delhi, <b>SUNY Suffolk Beacon Program*</b> , University of Northwestern Ohio  |
| Law Enforcement   | BTC, MTC, WTC           | NYS Security Guard, IFPO, CPR   | 12 credits   | Herkimer College, Monroe College, New England Institute of Technology, Schenectady County Community College, SUNY Canton   |
| Marine/Motorsports Technology                           | BTC                     | Snap-On Multimeter<br>(1st or 2nd yr)<br>Yamaha Outboard Systems (2nd yr)                           | 10 credits   | Alfred State College, Kingsborough Community College, New England Institute of Technology, Universal Technical Institute   |
| Nurse Assisting   | MTC, WTC                | NYS Nurse Aide, BLS**/AED   | 9 credits  | Monroe College, New England Institute of Technology  |
| Physical Therapy Aide                                   | BTC                     | BLS**/AED   | 4 credits  | Five Towns College, New England Institute of Technology  |
| Plumbing  | BTC                     | NCCER Plumbing  | 8 credits  | Alfred State College, New England Institute of Technology, SUNY Canton, SUNY Delhi   |
| Practical Nursing (Seniors Only)                        | BTC                     | NYS Nurse Assisting   | 7 credits  | Adelphi University   |
| Practical Nursing (2nd Year)                            | AEC                     | NCLEX-PN  | 18 credits   | Adelphi University, Helene Fuld College of Nursing, Nassau Community College   |
| Professional Photography and Digital Imaging            | BTC                     | Adobe Certified Associate–Photo   | 6 credits  | <b>Buffalo State College Access Program*</b> , Five Towns College, Mohawk Valley Community College   |
| Television, Video and Digital Film Production           | BTC                     | Adobe Certified Associate–Premiere  | 6 credits  | Five Towns College, New England Institute of Technology, SUNY Cobleskill, <b>SUNY Suffolk Beacon Program*</b>  |
| Welding/Metal Fabrication                               | MTC                     | AWS, OSHA-10, OSHA-30   | 6 credits  | Alfred State College, Five Towns College, Lincoln Technical Institute, Mohawk Valley Community College, New England Institute of Technology, SUNY Canton, SUNY Cobleskill, SUNY Delhi                                    |

*\*Dual Enrollment Agreement \*\*Basic Life Support for Health Providers*

*BHS = Brentwood High School • BTC = Bixhorn Technical Center, Bellport • EHS = East Hampton High School • MHS = Mattituck-Cutchogue High School • MTC = Milliken Technical Center, Oakdale • SHS = Southampton High School • WTC = Ward Technical Center, Riverhead*