

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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www.esboces.org
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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/ Tuition Discounts	College Articulations and Dual Enrollments Agreements <i>*Please see Academy counselors for details</i>
Animal Science	BTC, WTC	NYS DEC Wildlife Rehabilitator	9 credits	Five Towns College, SUNY Canton, SUNY Cobleskill, SUNY Delhi, SUNY Morrisville*
Art, Design and Visual Communications	BTC	Adobe Certified Professional-Illustrator	6 credits	Fashion Institute of Design & Merchandising, Five Towns College, Mohawk Valley Community College, Sullivan County Community College, SUNY Canton, SUNY Cobleskill, SUNY Empire
Audio Production	MTC, WTC		6 credits	Five Towns College, Recording Engineers Institute, SUNY Buffalo State*
Auto Body Repair and Car Customizing	MTC, WTC	I-CAR	9 credits	Lincoln Technical Institute, New England Institute of Technology, New York Automotive and Diesel Institute, SUNY Alfred, SUNY Morrisville
Automotive Technology	MTC, WTC	Year 1 – MLR, Year 2 – AST Snap-On DMM SP2/Safety, NYS Motor Vehicle Inspector	12 credits	Lincoln Technical Institute, New England Institute of Technology, New York Automotive & Diesel Institute, Ohio Technical College, SUNY Alfred, SUNY Canton, SUNY Delhi, SUNY Empire, SUNY Farmingdale* , SUNY Morrisville, SUNY Suffolk* , University of Northwestern Ohio
Aviation/Professional Pilot Training	BTC	FAA Private Pilot	7 credits	Embry-Riddle Aeronautical University, SUNY Farmingdale* , Vaughn College of Aeronautics
Barbering	BTC	NYS Licensed Master Barber, BLS**	6 credits	Five Towns College, SUNY Cobleskill
Carpentry/Residential Construction and Home Improvement	BTC, SHS	HBI, OSHA -10 OSHA-30	9 Credits	New England Institute of Technology, Northeast Regional Council of Carpenters Apprenticeship Program, SUNY Alfred, SUNY Delhi
Certified Personal Trainer	BTC	ISSA, BLS**/AED, CPR Specialist in Exercise Therapy	9 credits	Monroe College, SUNY Buffalo State* , SUNY Canton, , SUNY Suffolk*
Clinical Medical Assisting	MTC, WTC	EKG Phlebotomy, BLS** CHP Medical Assisting	9 credits	Five Towns College, Monroe College, New England Institute of Technology
Computer Science and Application Development	BTC	Oracle Java SE Programmer 1, AP Computer Science A	9 credits	Five Towns College, New England Institute of Technology, SUNY Buffalo State* , SUNY Morrisville
Computer Repair and Networking	BTC	Year 1 - OSHA-10, CompTia A+ TestOut Year 2 - CompTia Network + ETA Electronics Technician	10 credits	Five Towns College, Island Drafting and Technical Institute, 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 Suffolk County Food Handler Year 2 - Prostart, ACF, CPJC, CFC	18 credits	The Culinary Institute of America, Five Towns College, Monroe College, New England Culinary Institute, Stratford University, Sullivan County Community College, SUNY Alfred, SUNY Cobleskill, SUNY Delhi, SUNY Empire, SUNY Suffolk*
Dental Chairside Assisting	BTC	BLS**	Advanced Standing & Tuition Discount	Plaza College, University of Bridgeport/Goodwin University*
Early Childhood Education	MTC, WTC	CDA, BLS**/AED	6 credits	Monroe College, SUNY Canton, SUNY Empire
Electrical Trade and Alternative Energy	BTC, MTC, WTC	HBI, OSHA-10, OSHA-30	5 credits	Electrical Training Center, Inc., Lincoln Technical Institute, New England Institute of Technology, SUNY Delhi
Fashion Merchandising and Design	BTC		6 credits	Fashion Institute of Design & Merchandising, Five Towns College, Laboratory Institute of Merchandising, SUNY Buffalo State*
Heating, Ventilation and Air Conditioning (HVAC)	BTC, MTC, WTC	EPA 608 Level 1 & 2 Universal OSHA-10 OSHA 30, NORA, NATE	29 credits	Electrical Training Center, Inc., Lincoln Technical Institute, New England Institute of Technology, SUNY Canton, SUNY Delhi, SUNY Empire, SUNY Suffolk* , University of Northwestern Ohio
Law Enforcement	BTC, MTC, WTC	NYS Security Guard, IFPO, CPR	12 credits	Monroe College, New England Institute of Technology, Schenectady County Community College, SUNY Canton
Marine/Motorsports Technology	BTC	Snap-On Multimeter (1st or 2nd yr) Yamaha Outboard Systems (2nd yr)	10 credits	Kingsborough Community College, New England Institute of Technology, SUNY Alfred, SUNY Canton, SUNY Empire, Universal Technical Institute
Nurse Assisting	MTC, WTC	NYS Nurse Aide, BLS**/AED	9 credits	Monroe College
Physical Therapy Aide	BTC	BLS**/AED	4 credits	Five Towns College, New England Institute of Technology
Plumbing and Heating	BTC	NCCER Plumbing NORA, OSHA-10, NATE, OSHA 30	8 credits	Lincoln Technical Institute, New England Institute of Technology, SUNY Alfred, SUNY Canton, SUNY Delhi
Practical Nursing (Seniors Only)	BTC	NYS Nurse Assisting	11 credits	Adelphi University
Practical Nursing (2nd Year)	AEC	NCLEX-PN	18 credits	Adelphi University, Helene Fuld College of Nursing, SUNY Nassau
Professional Photography and Digital Imaging	BTC	Adobe Certified Professional-Photoshop	6 credits	Five Towns College, Mohawk Valley Community College, SUNY Buffalo State*
Television, Video and Digital Film Production	BTC	Adobe Certified Associate-Premiere Pro	6 credits	Five Towns College, New England Institute of Technology, SUNY Buffalo State* , SUNY Cobleskill, SUNY Suffolk*
Welding/Metal Fabrication	MTC	AWS, OSHA-10, OSHA-30	6 credits	Five Towns College, Lincoln Technical Institute, Mohawk Valley Community College, SUNY Alfred, SUNY Canton, SUNY Cobleskill, SUNY Delhi

**Dual Enrollment Agreement **Basic Life Support for Health Providers BHS = Brentwood High School • BTC = Bixhorn Technical Center, Bellport • MTC = Milliken Technical Center, Oakdale • WTC = Ward Technical Center, Riverhead • SHS = Southampton High School*