

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/ 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, Morrisville State College* , SUNY Cobleskill, SUNY Canton, SUNY Delhi
Art, Design and Visual Communications	BTC	Adobe Certified Associate–Illustrator	6 credits	Fashion Institute of Design & Merchandising, Five Towns College, Mohawk Valley Community College, Sullivan County Community College, SUNY Canton, SUNY Cobleskill
Audio Production	MTC, WTC		6 credits	Five Towns College
Auto Body Repair and Car Customizing	MTC, WTC	I-CAR	9 credits	Alfred State College, Lincoln Technical Institute, Morrisville State College, New England Institute of Technology, New York Automotive and Diesel Institute
Automotive Technology	MTC, WTC, EHS	Year 1 – MLR, Year 2 – AST Snap-On DMM SP2/Safety, NYS Motor Vehicle Inspector	12 credits	Alfred State College, Lincoln Technical Institute, Morrisville State College, New England Institute of Technology, New York Automotive & Diesel Institute, Ohio Technical College, SUNY Canton, SUNY Delh, SUNY Suffolk Beacon Program* , University of Northwestern Ohio
Aviation/Professional Pilot Training	BTC	FAA Private Pilot	7 credits	Embry-Riddle Aeronautical University, Farmingdale State College University in High School* , 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	Alfred State College, New England Institute of Technology, Northeast Regional Council of Carpenters Apprenticeship Program, SUNY Delhi
Certified Personal Trainer	BTC	ISSA, BLS**/AED Specialist in Exercise Therapy	9 credits	Monroe College, SUNY Canton, SUNY Suffolk Beacon Program*
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 Morrisville, SUNY Suffolk*
Computer Technology and Repair	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	Alfred State College, The Culinary Institute of America, Five Towns College, Monroe College, New England Culinary Institute, Sullivan County Community College, SUNY Cobleskill, SUNY Delhi, SUNY Suffolk Beacon Program*
Dental Chairside Assisting	BTC	BLS**	Advanced Standing & Tuition Discount	Plaza College, SUNY Stony Brook
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., Lincoln Technical Institute, New England Institute of Technology, SUNY Delhi
Fashion Merchandising and Design	BTC		6 credits	Buffalo State College Access Program* , Fashion Institute of Design & Merchandising, Five Towns College, Laboratory Institute of Merchandising
Heating, Ventilation and Air Conditioning (HVAC)	MTC, WTC	EPA 608 Level 1 & 2 Universal OSHA-10, NCCER	29 credits	Electrical Training Center, Inc., Lincoln Technical Institute, New England Institute of Technology, SUNY Canton, SUNY Delhi, SUNY Suffolk Beacon Program* , 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 (1st or 2nd yr) 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
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, Lincoln Technical Institute, New England Institute of Technology, 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, Nassau Community College
Professional Photography and Digital Imaging	BTC	Adobe Certified Associate–Photo	6 credits	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, SUNY Suffolk Beacon Program*
Welding/Metal Fabrication	MTC	AWS, OSHA-10, OSHA-30	6 credits	Alfred State College, Five Towns College, Lincoln Technical Institute, Mohawk Valley Community College, 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 • MTC = Milliken Technical Center, Oakdale • SHS = Southampton High School • WTC = Ward Technical Center, Riverhead