

Advanced Manufacturing Workforce Cluster

CIP Code	Federal Programs	Program/Major	Institution	Award Level	Completions (2015 - 2016)	Completions (2016 - 2017)	Completions (2017 - 2018)
11.0301	Data Processing and Data Processing Technology/Technician	(Unknown)	Bryant & Stratton College-Syracuse	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electronic Technology	Bryant & Stratton College-Syracuse North	Associates degree	XXX	XXX	XXX
11.0201	Computer Programming/Programmer, General	Computer Information System	Cayuga County Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Associates degree	3	8	3
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Award of at least 1 but less than 2 academic years	0	0	0
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Cayuga County Community College	Associates degree	13	4	8
48.0501	Mechanical Engineering/Mechanical Technology/Technician	Advanced Manufacturing - Machining	Cayuga County Community College	Award of at least 1 but less than 2 academic years	0	0	1
15.0000	Engineering Technology, General	Electrical Engineering Technology Electrical Engineering Technology (Online)	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Computer and Electronics Technology Computer and Electronics Engineering Technology	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0101	Architectural Engineering Technology/Technician	Architectural Technology	Onondaga Community College	Associates degree	12	14	22
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Engineering Technology	Onondaga Community College	Associates degree	19	23	23
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Onondaga Community College	Associates degree	16	19	20
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	Line Mechanic Utility Worker	Onondaga Community College	Award of at least 1 but less than 2 academic years	3	0	0
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	Onondaga Community College	Associates degree	0	0	0
46.0302	Electrician	Apprentice Training: Electrical	Onondaga Community College	Associates degree	0	0	0
47.0104	Computer Installation and Repair Technology/Technician	Microcomputer Troubleshooting & Maintenance	Onondaga Community College	Award of at least 1 but less than 2 academic years	0	0	0
48.0501	Machining Tool Technology/Machinist	Advanced Manufacturing - Machining	Onondaga Community College	Award of at least 1 but less than 2 academic years	12	8	8
48.0503	Machine Shop Technology/Assistant	Apprentice Training: Machine Trades	Onondaga Community College	Associates degree	0	0	0
01.0205	Agricultural Mechanics and Equipment/Machine Technology	Agricultural Engineering Technology - Agricultural Mechanics	SUNY Morrisville	Associates degree	4	8	4
11.0201	Computer Programming/Programmer, General	Computer Science	SUNY Morrisville	Associates degree	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Renewable Energy Technology	SUNY Morrisville	Associates degree	5	3	4
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering Technology	SUNY Morrisville	Associates degree	9	4	4
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	SUNY Morrisville	Associates degree	0	0	0
15.9999	Engineering Technologies and Engineering-Related Fields, Other	Renewable Resources Technology	SUNY Morrisville	Associates degree	0	0	0
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Associates degree	2	19	21
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
Total					96	91	118
	Closed - Institution is closed						
	XXX - no longer offered/not in IPEDS system						

Electrical Engineering Technology-Related Programs by Institution

CIP Code	Federal Programs	Program/Major	Institution	Award Level	Completions (2015 - 2016)	Completions (2016 - 2017)	Completions (2017 - 2018)
11.0301	Data Processing and Data Processing Technology/Technician	(Unknown)	Bryant & Stratton College-Syracuse	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electronic Technology	Bryant & Stratton College-Syracuse North	Associates degree	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Associates degree	3	8	3
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Award of at least 1 but less than 2 academic years	0	0	0
15.0000	Engineering Technology, General	Electrical Engineering Technology Electrical Engineering Technology (Online)	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Computer and Electronics Technology Computer and Electronics Engineering Technology	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Engineering Technology	Onondaga Community College	Associates degree	19	23	23
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	Onondaga Community College	Associates degree	0	0	0
46.0302	Electrician	Apprentice Training: Electrical	Onondaga Community College	Associates degree	0	0	0
47.0104	Computer Installation and Repair Technology/Technician	Microcomputer Troubleshooting & Maintenance	Onondaga Community College	Award of at least 1 but less than 2 academic years	0	0	0
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Renewable Energy Technology	SUNY Morrisville	Associates degree	5	3	4
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	SUNY Morrisville	Associates degree	0	0	0
15.9999	Engineering Technologies and Engineering-Related Fields, Other	Renewable Resources Technology	SUNY Morrisville	Associates degree	0	0	0
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Associates degree	2	19	21
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
Total					29	53	51

Applied Integrated Technology/Mechatronics-Related Programs by Institution

CIP Code	Federal Programs	Program/Major	Institution	Award Level	Completions (2015 - 2016)	Completions (2016 - 2017)	Completions (2017 - 2018)
11.0301	Data Processing and Data Processing Technology/Technician	(Unknown)	Bryant & Stratton College-Syracuse	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electronic Technology	Bryant & Stratton College-Syracuse North	Associates degree	XXX	XXX	XXX
11.0201	Computer Programming/Programmer, General	Computer Information System	Cayuga County Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Associates degree	3	8	3
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Technology: Electronics	Cayuga County Community College	Award of at least 1 but less than 2 academic years	0	0	0
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Cayuga County Community College	Associates degree	13	4	8
15.0000	Engineering Technology, General	Electrical Engineering Technology Electrical Engineering Technology (Online)	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Computer and Electronics Technology Computer and Electronics Engineering Technology	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0101	Architectural Engineering Technology/Technician	Architectural Technology	Onondaga Community College	Associates degree	12	14	22
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Electrical Engineering Technology	Onondaga Community College	Associates degree	19	23	23
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Onondaga Community College	Associates degree	16	19	20
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	Line Mechanic Utility Worker	Onondaga Community College	Award of at least 1 but less than 2 academic years	3	0	0
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	Onondaga Community College	Associates degree	0	0	0
47.0104	Computer Installation and Repair Technology/Technician	Microcomputer Troubleshooting & Maintenance	Onondaga Community College	Award of at least 1 but less than 2 academic years	0	0	0
48.0503	Machine Shop Technology/Assistant	Apprentice Training: Machine Trades	Onondaga Community College	Associates degree	0	0	0
01.0205	Agricultural Mechanics and Equipment/Machine Technology	Agricultural Engineering Technology - Agricultural Mechanics	SUNY Morrisville	Associates degree	4	8	4
11.0201	Computer Programming/Programmer, General	Computer Science	SUNY Morrisville	Associates degree	XXX	XXX	XXX
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Renewable Energy Technology	SUNY Morrisville	Associates degree	5	3	4
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering Technology	SUNY Morrisville	Associates degree	9	4	4
15.1201	Computer Engineering Technology/Technician	Computer Engineering Technology	SUNY Morrisville	Associates degree	0	0	0
15.9999	Engineering Technologies and Engineering-Related Fields, Other	Renewable Resources Technology	SUNY Morrisville	Associates degree	0	0	0
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Associates degree	2	19	21
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	Elec Tech: Electronics & Computer Systems	Tompkins Cortland Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
Total					86	102	109

Mechanical Engineering Technology-Related Programs by Institution

CIP Code	Federal Programs	Program/Major	Institution	Award Level	Completions (2015 - 2016)	Completions (2016 - 2017)	Completions (2017 - 2018)
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Cayuga County Community College	Associates degree	13	4	8
15.0000	Engineering Technology, General	Electrical Engineering Technology Electrical Engineering Technology (Online)	ITT Technical Institute-Liverpool	Associates degree	Closed	Closed	Closed
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Onondaga Community College	Associates degree	16	19	20
15.0899	Mechanical Engineering Related Technologies/Technicians, Other	Line Mechanic Utility Worker	Onondaga Community College	Award of at least 1 but less than 2 academic years	3	0	0
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering Technology	SUNY Morrisville	Associates degree	9	4	4
15.9999	Engineering Technologies and Engineering-Related Fields, Other	Renewable Resources Technology	SUNY Morrisville	Associates degree	0	0	0
Total					28	23	24

Tooling & Machining-Related Programs by Institution

CIP Code	Federal Programs	Program/Major	Institution	Award Level	Completions (2015 - 2016)	Completions (2016 - 2017)	Completions (2017 - 2018)
11.0301	Data Processing and Data Processing Technology/Technician	(Unknown)	Bryant & Stratton College-Syracuse	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
11.0201	Computer Programming/Programmer, General	Computer Information System	Cayuga County Community College	Award of at least 1 but less than 2 academic years	XXX	XXX	XXX
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Cayuga County Community College	Associates degree	13	4	8
48.0501	Mechanical Engineering/Mechanical Technology/Technician	Advanced Manufacturing - Machining	Cayuga County Community College	Award of at least 1 but less than 2 academic years	0	0	1
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Technology	Onondaga Community College	Associates degree	16	19	20
48.0501	Machining Tool Technology/Machinist	Advanced Manufacturing - Machining	Onondaga Community College	Award of at least 1 but less than 2 academic years	12	8	8
48.0503	Machine Shop Technology/Assistant	Apprentice Training: Machine Trades	Onondaga Community College	Associates degree	0	0	0
11.0201	Computer Programming/Programmer, General	Computer Science	SUNY Morrisville	Associates degree	XXX	XXX	XXX
15.0805	Mechanical Engineering/Mechanical Technology/Technician	Mechanical Engineering Technology	SUNY Morrisville	Associates degree	9	4	4
Total					50	35	41

Closed - Institution is closed

XXX - no longer offered/not in IPEDS system