2017-2018

Advanced Manufacturing Metrics

NORTHEAST NC Career Pathways

Secondary School, Community College and Workforce Development Board Measures Summary

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Northeastern NC Career Pathways
Advanced Manufacturing Pathway
Community College Progress Measures
Work-based Learning, Community College Completers, Employer Engagement
Summary Data

Progress Measure	2014-2015	2015-2016	2016-2017	2017-2018*
Number of employers providing **Advanced Manufacturing** related *work-based learning experiences* to students	16	19	20	29
Number of students who experienced an **Advanced Manufacturing** related *work-based learning opportunity*	27	31	23	34
Number of **Advanced Manufacturing programs** in which students earned certificates, diplomas and/or associate science degrees	19	19	45	43
Number of students who earned **Advanced Manufacturing** certificates, diplomas, and/or associate science degrees	1055	975	2631	2944

*7 of 9 Community Colleges reporting

Northeastern North Carolina Career Pathways
Community College Advanced Manufacturing Completers
School Year 2017-2018

Advanced Manufacturing Career Pathways	Associate of Applied Science Degrees Earne	Diplomas Earned	Community College Certificates Earne	Industry (3rd party) Certificates Earned	Total Credentials Earned
Backhoe Operator			103		103
Basics of Tire Manufacturing			230		230
Computer Integrated Machining	5	10	60		75
Electrical Engineering Technology		3	7		10
Electrical Systems Technology	16	10	69		95
Electrical Contractor License Renewal			104		104
Electrical/Electronics Technology	1		25		26
Electronics Engineering Technology	14	5	42		61
Fork Lift Training			241	20	261
HVAC	11	17	37	7	72
Industrial Systems Technology	23	26	57		106
Mechanical Engineering Technology	8	5	16		29
Welding Technology	31	35	358		424
Industrial Management Technology	4		17		21
					0
					0
					0
Total	113	111	1366	27	1617

Advanced Manufacturing Pathways Related Certification

Course/Program	NA1	NA2	Community College Certificates Earned	Industry (3rd party) Certificates Earned	Total Certifications Earned
Aseptic Training/Clean Room Maintenance			62		62
Blueprint Reading			5		5
EPA 608				13	13
First Aid/CPR			307	29	336
Internet/Computer/Software Fundamentals			96		96
Kepner Tregoe Problem Solving			66		66
Lean Six /Sigma			49	55	104
Man. Leadership/Team Building/Efficiency			140		140
OSHA - NFPA 70E			111	13	124
OSHA 10 Training				65	65
NCCER Const. Site Safety Orientation				14	14
NCCER Core Curriculum				14	14
NCCER Elec. 1 Credential				12	12
ESCO Group Universal 410a				7	7
Working Smart				61	61
Food Prevention Control				6	6
Oral Solid Dose Training				104	104
FANUC 280				8	8
FANUC 281-01				14	14
FANUC 280-01				11	11
OSHA 30				19	19
FANUC 281-21				11	11
CFC Core				1	1
CFC Level 1				4	4
CFC Level 2				3	3
CFC Level 3				2	2
CFC Universal				3	3
GASTITE				5	5
Electrical/Electronic NIC 24				17	17
					0
		Total	836	491	1327

Northeastern North Carolina Career Pathways
Advanced Manufacturing Pathway
Workforce Development Board
Summary Data

Progress Measures	Year Ending 6/30/15	Year Ending 6/30/16	Year Ending 6/30/17	Year Ending 6/30/18
Adult Measures				
The number of adult clients enrolled in Advanced Manufacturing Pathway at a community college	43	58	81	31
The number of adult clients who earned an Advanced Manufacturing credential	18	33	48	18
The number of adult clients employed in an Advanced Manufacturing career	10	28	39	17
Youth Measures				
The number of youth clients enrolled in a high school diploma program	184	193	173	186
The number of youth clients enrolled in a high school equivalency program	120	201	161	152
The number of youth clients enrolled in an Advanced Manufacturing Pathway at a community college	14	24	30	31
The number of youth clients enrolled in pathways other than Advanced Manufacturing	90	120	120	97

North Carolina Northeast Career Pathways
Advanced Manufacturing Pathways
Secondary School Measures
Summary Data

Progress Measure	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Concentrator and Industry Credentials Measures					
Number of students who complete the high school requirements to be recognized as an advanced manufacturing pathway concentrator*	114	117	71	140	121
Number of Students who achieve advanced manufacturing related credentials	77	475	405	1678	3345
Career Readiness Certificates (CRCs)	2705	2887	2383	2843	2670
Work-based Learning and Employer Engagement Measures					
Number of employers providing advanced manufacturing related work-based learning opportunities	N/A	53	44	71	77
Number of students provided an advanced manufacturing related work-based learning opportunity	N/A	36	651	728	837
Number of employers engaged in activities related to advanced manufacturing instruction other than work-based learning	N/A	61	53	106	127
Activities that support Pathway Completion Measures					
No./% of LEAs offering 7 or more career guidance activities in which 75% or more of a grade level participated	6/29%	8/38%	8/44%	2/13%	7/41%
Number of NC Career and College Promise courses completed in an advanced manufacturing pathway	92	70	273	481	676
Number of CCP college transfer courses completed	1134	1765	2845	6526	6223

*Includes students enrolled in Manufacturing and STEM clusters