

Report Title: Planning 005: Detailed Report on Curriculum Maps

Curriculum Map

COA CNC Programming

Course Number	Graduates will be able to express and implement all safety rules and procedures across the full scope of machining, welding and fabrication disciplines.	Graduates will be able to comprehend various problem solving techniques and then demonstrate their abilities to apply them to machining, measurement, CNC programming and fabrication disciplines.	Graduates will be able to specify materials, develop an order of operations and determine appropriate use of machinery for the construction of CNC produced mechanical parts.	Graduates will develop CNC programs using G and M-code programming language, load programs to the machine, troubleshoot problems and produce parts using professional techniques and equipment.
DFT-107	Level: Not Applicable	Level: Introduced	Level: Not Applicable	Level: Not Applicable
	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable
	Measure:	Measure:	Measure:	Measure:
MFG-122	Level: Introduced	Level: Introduced	Level: Introduced	Level: Not Applicable
	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable
	Measure:	Measure:	Measure:	Measure:
MFG-227	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Introduced
	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable
	Measure:	Measure:	Measure:	Measure:
MFG-228	Level: Mastered	Level: Mastered	Level: Mastered	Level: Reinforced
	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable	Emphasis : Not Applicable
	Measure: Exam	Measure: Exam	Measure: Exam	Measure: Project

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