

Report Title: Planning 005: Detailed Report on Curriculum Maps

Curriculum Map **AAS Manufacturing Technology**

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 recognize the theory and application of precision measurement and will be able to apply these skills in a professional work environment.	Graduates will have the ability to read multi view drawings, specify materials and procedures, and construct machined parts to professional standards using manual and CNC machinery.	Graduates will be able to design, specify materials and construct fabricated mechanisms & structures using various measurement, machining, material-joining and fabrication techniques for application in a professional environment.	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.
DFT-107	Level: Not Applicable	Level: Introduced	Level: Introduced	Level: Not Applicable	Level: Introduced
	Emphasis : Not Applicable	Emphasis : High	Emphasis : Medium	Emphasis : Not Applicable	Emphasis : Low
	Measure:	Measure: Drawing exercises and exam	Measure: Drawing exercises and exam	Measure:	Measure: Drawing exercises and exam
DFT-210	Level: Not Applicable	Level: Reinforced	Level: Reinforced	Level: Introduced	Level: Not Applicable
	Emphasis : Not Applicable	Emphasis : High	Emphasis : Medium	Emphasis : Low	Emphasis : Not Applicable
	Measure:	Measure: Drawing exercises, final project and exam	Measure: Drawing exercises, final project and exam	Measure: Drawing exercises, final project and exam	Measure:
ELC-110	Level: Reinforced	Level: Not Applicable	Level: Reinforced	Level: Reinforced	Level: Reinforced
	Emphasis : Low	Emphasis : Not Applicable	Emphasis : Medium	Emphasis : High	Emphasis : Low
	Measure: Projects and exam	Measure:	Measure: Projects and exam	Measure: Projects and exam	Measure: Projects and exam
MFG-119	Level: Not Applicable	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Introduced
	Emphasis : Not Applicable	Emphasis : High	Emphasis : Medium	Emphasis : Low	Emphasis : Low
	Measure:	Measure: Drawing exercises and exams	Measure: Drawing exercises and exams	Measure: Drawing exercises and exams	Measure: Drawing exercises and exams
MFG-122	Level: Introduced	Level: Reinforced	Level: Reinforced	Level: Introduced	Level: Introduced
	Emphasis : High	Emphasis : High	Emphasis : High	Emphasis : Low	Emphasis : Low
	Measure: Exams and projects	Measure: Exams and projects	Measure: Exams and projects	Measure: Exams and projects	Measure: Exams and projects
MFG-124	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Not Applicable	Level: Introduced
	Emphasis : High	Emphasis : High	Emphasis : Low	Emphasis : Not Applicable	Emphasis : Low
	Measure: Exams and projects	Measure: Exams and projects	Measure: Exams and projects	Measure:	Measure: Exams and projects
MFG-130	Level: Reinforced	Level: Reinforced	Level: Introduced	Level: Introduced	Level: Not Applicable

	Emphasis : High	Emphasis : Medium	Emphasis : High	Emphasis : High	Emphasis : Not Applicable
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure:
MFG-206	Level: Introduced	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Not Applicable
	Emphasis : Medium	Emphasis : Low	Emphasis : Medium	Emphasis : Medium	Emphasis : Not Applicable
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure:
MFG-222	Level: Mastered	Level: Mastered	Level: Reinforced	Level: Mastered	Level: Reinforced
	Emphasis : High	Emphasis : High	Emphasis : High	Emphasis : High	Emphasis : Medium
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams
MFG-226	Level: Reinforced	Level: Reinforced	Level: Mastered	Level: Reinforced	Level: Mastered
	Emphasis : High	Emphasis : Medium	Emphasis : Medium	Emphasis : High	Emphasis : Medium
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams
MFG-227	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Reinforced
	Emphasis : High	Emphasis : High	Emphasis : High	Emphasis : Low	Emphasis : Medium
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams
MFG-228	Level: Mastered	Level: Mastered	Level: Mastered	Level: Reinforced	Level: Mastered
	Emphasis : High	Emphasis : Medium	Emphasis : Medium	Emphasis : Medium	Emphasis : Medium
	Measure: Projects and Exams	Measure: Exam	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams
MFG-229	Level: Reinforced	Level: Reinforced	Level: Reinforced	Level: Mastered	Level: Reinforced
	Emphasis : High	Emphasis : Medium	Emphasis : Medium	Emphasis : High	Emphasis : Medium
	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams	Measure: Projects and Exams