

Advanced Manufacturing Technician – 30641

Recommended Course Sequencing

Course	Requirement Filled	Cr	Notes
Fall - 1st Semester			
AMT 101 Fundamentals of Machining	Curricula Requirement	3	
AMT 102 Materials for Industry	Curricula Requirement	3	
AMT 110 Intro to Fab Lab Technology	Curricula Requirement	2	
ATM 111 Fab Lab Workshop	Curricula Requirement	1	
DRF 154 Intro to AutoCAD	Curricula Requirement	3	You may also take DRF 220
TEC 112 Basic Hydraulics and Pneumatics	Curricula Requirement	3	You may also take AMT 104, taught in Spring - 3 credits
TEC 133 Safety for Industry	Curricula Requirement	1	
WLD 101 Welding	Curricula Requirement	3	You may also take WLD 108
Total Hours		19	

Total Minimum Hours	19
Total Curriculum Requirements	19
Total Related Curriculum	0
Total General Education	0
Total Elective	0

Notes: If a student enters the program in the spring, or transfers credit in, the above would have to be modified.

All courses must be completed with a grade of "C" or better--Be sure to check the catalog for other changes and requirements.

Curriculum Requirements

AMT 101 Fundamentals of Machining	3 credits
AMT 102 Materials for Industry	3 credits
AMT 104 Machining and Fabrication <u>OR</u>	
TEC 112 Basic Hydraulics and Pneumatics	3 credits
AMT 110 Introduction to Fab Lab Technology	2 credits
AMT 111 Fab Lab Workshop	1 to 3 credits
DRF 154 Introduction to AutoCAD <u>OR</u>	
DRF 220 Parametric Solid Modeling	3 credits
TEC 133 Safety Practices for Industry	1 credit
WLD 101 Welding <u>OR</u>	
WLD 108 Welding and Metal Fabrication	3 credits
Total Certificate Requirements	17credits