

# MACHINING TECHNOLOGIES (AAS)

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## Courses by Quarter Courses by Quarter

Code	Title	Credits
<b>Quarter 1</b>		
Transition Studies		
<b>Quarter 2</b>		
MATH 101	Technical Mathematics I	5
ENGL 090	Integrated Reading and Writing I	5
or ENGL 095	Integrated Reading and Writing II	
CCS 101	Pathways to Success	3
<b>Quarter 3</b>		
CMT 100	Survey of Advanced Manufacturing	5
ENGL 098	Transitional English Composition	5
or ENGL& 101	English Composition I	
Select one of the following:		5
KINS 150	Intro to Adaptive Physical Activity: Diversity	
PSYC 116	Psychology of Human Relations: Diversity	
CMST& 210	Interpersonal Communication: Diversity	
CMST& 240	Intercultural Communication: Diversity	
HUM 121	Multicultural America: Diversity	
<b>Quarter 4</b>		
CMT 101	Introduction to Machining	5
CMT 102	Measurement, Materials and Safety	5
CMT 103	Print Reading for Machine Trades	3
<b>Quarter 5</b>		
CMT 105	Inspection/Quality Control	3
CMT 106	Fundamental of Machining	5
CMT 107	Job Planning, Benchwork, and Layout	5
<b>Quarter 6</b>		
CMT 109	CNC Mills and Lathes	6
CMT 110	CNC Programming	6
<b>Quarter 7</b>		
CMT 201	Advanced Machining (Mills and Lathes)	6
CMT 130	3D Printing - Additive Manufacturing	5
CMT 230	Survey of Manufacturing Specializations	6
<b>Quarter 8</b>		
CMT 250	Machining Production	7
Select at least two of the following:		6-12
CMT 231	Programming Specialization	
CMT 232	Repair Specialization	
CMT 233	Set-Up Specialization	
CMT 234	Additive Manufacturing Specialization	