



4500 Steilacoom Blvd SW, Lakewood, WA 98499 253.589.5800 www.cptc.edu/Educational Plans

<b>SCHOOL OF Advanced Manufacturing</b>	<b>Manufacturing Technologies AAT Degree</b>	Degree <b>105</b>	Targeted Start Date
		Total Credits	Expected Graduation Date
		Total Cost	

ENTRY COORDINATOR	
STUDENT NAME	
FACULTY NAME	Nathan Baker
CONTACT INFO	<a href="mailto:nathan.baker@cptc.edu">nathan.baker@cptc.edu</a>
PROGRAM COUNSELOR	Taylor McGovern
CONTACT INFO	<a href="mailto:taylor.mcgovern@cptc.edu">taylor.mcgovern@cptc.edu</a>
START DATE	
PROGRAM START QUARTER	Summer, Fall, Winter, Spring

Important Program Information

Quarter 1			
Course Number	Course Title	CR	
FSME 101	Workshop Safety	3	
	Quality Principles, Inspection and Test	4	
FSME 114	Fabrication Fundamentals I	4	
FSME 116	Fabrication Fundamentals II	4	
COLL 102	College Success for All	3	
Total Credits			18

Quarter 2			
Course Number	Course Title	CR	
MCH 115	Standard Operating Procedures of Lathes & Mills	8	
MCH 135	Tool and Cutter Grinding	4	
MATH 105	Math for Industrial Professionals	5	
Total Credits			17

Quarter 3			
Course Number	Course Title	CR	
MCH 123	Lathes & Mills II	5	
MCH 209	Metallurgy & Heat Treatment	4	
MCH 129	Surface Grinding	4	
Total Credits			13

Quarter 4			
Course Number	Course Title	CR	
MCH 197	Introduction to CAD/CAM	4	
MCH 204	Introduction to CNC	8	
ENGL& 101	English Composition I (or higher)	5	
Total Credits			17

Quarter 5			
Course Number	Course Title	CR	
MCH 199	Industrial Survey	6	
MCH 207	Inspections Techniques	4	
MCH 214	Intermediate CNC	6	
	General Psychology (or other transferable social science or humanities course that meets diversity requirement)	5	
PSYC& 100		5	
Total Credits			21

Quarter 6			
Course Number	Course Title	CR	
MCH 212	Advanced CAD/CAM	4	
MCH 220	Advanced CNC	10	
MCH 235	Capstone Portfolio or MCH 241 Internship	5	
	MCH 240 Training and Practice (2-10cr.)		
Optional			
Total Credits			19

Quarter 7			
Course Number	Course Title	CR	
Total Credits			

Quarter 8			
Course Number	Course Title	CR	
Total Credits			

Required Gen Ed courses			
ENGL& 101	English Composition I (or higher)	5	
MATH 105	Math for Industrial Professions	5	
	General Psychology or other transferable social science or humanities course that meets diversity requirement	5	
PSYC& 100		5	
COLL 102	College Success for All	3	
Total Gen Ed credits			18

Advising Notes

Career Outlook Sites
<a href="#">The Occupation Information Network O*NET</a> <a href="http://worksourcewa.com">worksourcewa.com</a>

Next Steps (Transcripts & Graduation)
<a href="#">Apply for Graduation</a>
<a href="#">Apply for Sealed Official Transcript</a>

**\*Please check Periodically with Advising and Counseling regarding any potential Changes to program course requirements.**

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