

Degree & Certificate Requirements

Precision Machining Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2022-2023 Degree Requirements

Major Courses

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MT 111	Basic Machine Technology I	5		
MT 112	Basic Machine Technology I Lab	8		
MT 121	Basic Machine Technology II	5		
MT 122	Basic Machine Technology II Lab	8		
MT 131	Basic Machine Technology III	5		
MT 132	Basic Machine Technology III Lab	8		
MT 211	Advanced Machine Technology I	5		
MT 212	Advanced Machine Technology I Lab	8		
MT 221	Advanced Machine Technology II	5		
MT 222	Advanced Machine Technology II Lab	8		
MT 231	Advanced Machine Technology III	5		
MT 232	Advanced Machine Technology III Lab	8		
INT 105	Precision Measurement	1		
Subtotal		79		

Major Support

Select 3-13 credits from the following:

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
BPR 105	Blueprint Reading	3		
MT 102	SolidWorks(R) I	5		
MT 202	SolidWorks(R) II	5		
Subtotal		3-13		

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
MATH 100	Algebraic Tools for Vocational Application	5		
English - select 5 credits from the following:				
ENGL&101	English Composition I [C]	5		
ENGL 103	Writing in the Workplace	5		
ENGL&235	Technical Writing [C]	5		
Human Relations - select 3-5 credits from the following:				
PSYC 103	Applied Psychology	3		
PSYC&100	General Psychology [S/B]	5		
PSYC 201	Social Psychology [S/B]	5		
BUS 271	Human Relations Business	5		
Communication Studies - select 3-5 credits from the following:				
CMST 103	Workplace Communication	3		
CMST 104	Speech Essentials [C]	3		
CMST 110	Communication Behavior [C]	3		
CMST&210	Interpersonal Communication [C]	5		
CMST&220	Public Speaking [C]	5		
CMST 260	Multicultural Communication [C]	5		
Subtotal		16-20		
Total Credits Required		98-112		

Degree & Certificate Requirements

Students must earn a minimum 2.0 grade in all MT, INT, and BPR courses.

Required minimum cumulative GPA 2.0.