

# Degree & Certificate Requirements

## Precision Machining Technology Associate in Applied Science (AAS) PROFESSIONAL TECHNICAL 2021-2022 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		
<b>Subtotal</b>		<b>79</b>		

### 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		
<b>Subtotal</b>		<b>3-13</b>		

### 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

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

Required minimum cumulative GPA 2.0.