

A.A.S. Computerized Machining Technology

(2 Years)

All courses within the program must be completed with an overall 2.0 GPA (C or better average).

Program Admission Requirements

Contact College of Technology Student Services at (208) 282-2622.

Placement Test	Math
SAT	360
ACT	14
ALEKS	14

General Education

The listing below includes program requirements that also fulfill General Education requirements.¹

Code	Title	Credits
Objective 1		3
Objective 2- COMM 1101		3
Objective 3		3
Objective 6		3
One four-credit physical science course that includes a lab and partially satisfies General Education Objective 5		4
Total Credits		16

¹ See General Education Requirements (minimum 15 credits) for A.A.S. Degree at the start of the College of Technology section of the catalog.

Major Requirements

Code	Title	Credits
Required Courses:		
MACH 1110	Machine Tool Lab I	3
MACH 1111	Machine Tool Theory I	2
MACH 1112	Machine Math I	3
MACH 1115	Applied Machining Geometry	2
MACH 1120	Machine Tool Lab II	3
MACH 1121	Machine Tool Theory II	2
MACH 1123	Blueprint Reading	1
MACH 1131	CNC Mill Setup	2
MACH 1135	Applied Machining Trigonometry	2
MACH 1141	CNC Lathe Setup	2
MACH 1145	Geometric Dimensioning and Tolerancing I	1
MACH 2220	CAD and CAM Applications I	3
MACH 2221	CAD and CAM Theory I	3
MACH 2245	Geometric Dimensioning and Tolerancing II	1
MACH 2270	CNC Programming Practices I	6
MACH 2271	CNC Theory/Programming I	3

MACH 2272	CNC Math I	3
MACH 2275	CAD and CAM Theory II	2
MACH 2280	CAD and CAM Applications II	4
MACH 2281	CNC Programming Theory II	1
MACH 2285	CAD and CAM Theory III	2
MACH 2290	CNC Machining Practice II	3
MACH 2291	CAD and CAM Applications III	4
TGE 1158	Employment Strategies	2

General Education courses

COMM 1101	Fundamentals of Oral Communication	3
One four-credit physical science course that includes a lab and partially satisfies General Education Objective 5		4
Additional General Education courses		9

Total Credits **76**

Degree Totals

Code	Title	Credits
General Education		16
Program Admissions Requirements		0
Major Requirements (Required General Education credits removed)		60
Free Electives		0
Total Credits		76

Major Academic Plan (MAP)