



Machining Technology ♦ Associate of Applied Science ♦ 63 Credits

Program Description

The Machining Technology A A S degree provides training in advanced metal working using computer controlled machines. You will use Mastercam to create three dimensional drawings, solids, and surfaces. Learn to inspect, set up, and operate machines. If you are completing the A A S degree or currently working in the field, we provide Mastercam testing and certification.

Career Options

The Machining Technology A A S degree prepares you for a career as a machinist within industrial facilities.

The recommended full time schedule starting in the fall semester is below.

Semester One, Spring, 16 Credits.

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
M A C	100	Machine Shop Safety	1
M A C	102	Print Reading for Machinists	3
M A C	105	Introduction to Machining Technology	4
M A C	130	Conventional Lathe Operations	4
M A T	108	Technical Mathematics	4

Semester Two, Fall, 16 Credits.

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
M A C	203	Introduction to C N C Operations	6
M A C	243	Mastercam	4
C I S	118	Introduction to Computer Applications	3
C O M	105	Or any General Education Elective	3

Semester Three, Spring, 18 Credits.

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
E G T	205	Geometric Dimension & Tolerance	3
M A C	208	C N C Operations 2	6
M A C	241	CAD/CAM 2D Lab	3
M A C	250	Advanced Inspection Techniques	3
C A D	255	Solidworks	3

Semester Four, Fall, 14 Credits.

COURSE PREFIX	COURSE NUMBER	TITLE	CREDITS
E N G	131	Technical Writing	3
M A C	131	Milling Machines and Operations	4
M A C	141	Advanced Machining Operations	4
C O M	125	OR two 1 credit C O M courses	3

Semester Milestones

Always complete courses with a grade of C or higher.

Spring Semester One

1) Complete FAFSA for next academic year and check that it is processed. If so, you will be able to accept your award offer through your portal. 2) Register for fall semester and summer, if applicable. 3) If taking summer classes, submit Summer Intent Form to Financial Aid Office.

Fall Semester Two

1) Complete FAFSA for next academic year when registering for spring semester.

Spring Semester Three

1) The milestones are the same as Semester One. 2) Complete scholarship applications for next academic year.

Fall Semester Four

1) Meet with your advisor to complete your Graduation Planning Sheet; 2) Register for spring semester.

Spring Semester Five

1) Graduate!!