

**Machinist
Advanced Certificate
C40320B**

The Machining Advanced certificate is designed to develop basic skills in the safe use of machine tools both conventional and computer numerical control. This certificate incorporates skills learned in a design project selected by the student and approved by the instructor.

Students should gain necessary skills to obtain entry-level employment in manufacturing and machining industries.

All courses in this certificate program may be applied toward completion of the Machinists diploma and the Associate of Applied Science degree in Mechanical Engineering Technology.

NOTE: The Machining Technology certificate must be completed before enrolling in Machining Advanced certificate.

Prefix & Number	Description	Class	Lab	Clinical/ Shop	Credit
MAC 113	Machining Technology III	2	12	0	6
MAC 121	Introduction to CNC	2	0	0	2
MEC 128	CNC Machining Process	2	4	0	4
MEC 180	Engineering Materials	2	3	0	3
<i>Totals:</i>		8	19	0	15
Certificate Total					15