

Machinist Diploma D40320

The Machinist diploma is designed to develop skills in the safe use of hand tools, power machinery, computerized equipment, and precision measuring instruments.

Students will learn to interpret blueprints, set-up manual and computer numerical controlled machining equipment, perform basic machining operations, and to ensure product quality is maintained.

Student should gain necessary skills to obtain entry-level employment in manufacturing industries, government agencies, and specialty machine shops.

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

Prefix & Number	Description	Class	Lab	Clinical/ Shop	Credit
DFT 111	Technical Drafting I	1	3	0	2
DFT 111A	Technical Drafting I	0	3	0	1
DFT 151	CAD I	2	3	0	3
ENG 102	Applied Communications I*	3	0	0	3
MAC 111	Machining Technology I	2	12	0	6
MAC 112	Machining Technology II	2	12	0	6
MAC 113	Machining Technology III	2	12	0	6
MAC 121	Introduction to CNC	2	0	0	2
MAT 115	Mathematical Models*	2	2	0	3
MEC 128	CNC Machining Process	2	4	0	4
MEC 231	Comp-Aided Manufact I	1	4	0	3
Totals:		19	55	0	39
Diploma Total					39

*Students planning to pursue the Associate in Applied Science Degree should enroll in ENG 111 Expository Writing and MAT 121 Algebra/Trigonometry I.