

Machine Tool Technology Trades Practitioner

Diploma

Offered at MCC (Code: MVMCH)

Machine Trades Practitioner prepares students for employment as machinists. Individuals who desire may continue their training by taking the second year Tool & Die Option program to become a tool and die maker.

The program consists of 10 months of training with a new class beginning each fall. Applicants must be at least 17 years of age and will be evaluated on the basis of their application form, personal interview, past educational experience, and pre-entrance tests as needed. Like all dynamic curricula, requirements may be changed from date of publication; before registering for Machine Trades or Tool and Die classes, students should visit with the instructor.

General Education		Credit Hours
ENG111	Technical Writing	3
MAT790	Shop Mathematics	3
MAT791	Shop Mathematics II	1
Total		7
Program Requirements		
IND110	CPR, First Aid and Safety	1
MFG101	Measuring Tools	1.5
MFG121	Machine Trade Printreading I	2
MFG131	Machine Trade Printreading II	2
MFG200	Electric Discharge Machine (EDM)	1
MFG255	Engine Lathe Operations	5
MFG262	Mill Operations Theory	3
MFG275	Hand & Bench Machine Tools	1
MFG270	Grinders Theory	1
MFG280	Drill Presses	1.5
MFG282	CNC Plasma Table	1
MFG322	Introduction to CAD/CAM	3
MFG353	CNC Lathe Fundamentals	2.5
MFG357	CNC Mill	3.5
WEL116	General Welding	1
Total		30
Total Required Hours		37