

Machine Tool Technology – CNC

Program: Machine Tool Technology

OPTION II – AAS MACHINE TOOL TECHNOLOGY – CNC – Guided Pathway/Map

1st Semester

Item #	Title	Credits
MTT 127	Metrology	3
MTT 121	Basic Print Reading for Machinists	3
MTT 147	Introduction to Machine Shop I	3
MTT 148	Introduction to Machine Shop I Lab	3
ENG 101	English Composition I	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
MTT 107	Machining Calculations I	3
MTT 134	Lathe Operations I	3
MTT 135	Lathe Operations I Lab	3
MTT 171	Intermediate Blueprint Reading for Machinists	3
IDS 102	Ethics	3
	Sub-Total Credits	15

3rd Semester

Item #	Title	Credits
MTT 130	Machine Calculations II	3
MTT 221	Advanced Blueprint Reading for Machinists	3
MTT 149	Introduction to Machine Shop II	3
MTT 150	Introduction to Machine Shop II Lab	3
MTH 103	Introduction to Technical Mathematics	3
	Sub-Total Credits	15

4th Semester

Item #	Title	Credits
CNC 112	Computer Numeric Control Turning	3
CNC 113	Computer Numeric Control Milling	3
CNC 120	Basic Set-up for Computer Numerical Control Machines	3
CNC 214	Electrical Discharge Machine Programming	3
HIS 201	United States History I	3
	Sub-Total Credits	15

5th Semester

Item #	Title	Credits
CNC 220	Intermediate Set-up for Computer Numerical Control Machines	3
CNC 215	Quality Control and Assurance	3
CNC 222	Computer Numerical Control Graphics: Turning	3
CNC 223	Computer Numerical Control Graphics Programming: Milling	3
CIS 146	Computer Applications	3
	Sub-Total Credits	15
	Total credits:	76