

Program: Machine Tool Technology - CNC Machinist
 Credential: Diploma
 Student:
 Entry Date:

FIRST SEMESTER				
Course No.	Course Title	Hours	Grade	Semester Completed
MTT 110	Fundamentals of Machine Tool A AND	3		
MTT 112	Fundamentals of Machine Tool B OR	4		
MTT 114	Fundamentals of Machine Tool	7		
MTT 118	Metrology/Control Charts	3		
BRX 110	Basic Blueprint Reading for Machinist	2		
MT 115	Technical Mathematics OR	3		
MT 125	Technical Algebra and Trigonometry or Higher	3		
CIS 100	Intro to Computers	3		
	TOTAL	18		
SECOND SEMESTER				
MTT 120	Applied Machining I AND	3		
MTT 122	Applied Machining II OR	4		
MTT 124	Applied Machining	7		
MTT 130	Manual Programming AND	3		
MTT 132	CAD/CAM/CNC OR	3		
MTT 134	Manual Programming CAD/CAM/CNC	6		
BRX 210	Mechanical Blueprint Reading	2		
	TOTAL	15		
THIRD SEMESTER				
MTT 210	Industrial Machining I AND	3		
MTT 212	Industrial Machining II OR	4		
MTT 214	Industrial Machining	7		
MTT 2301	Into to Conversational Programming AND	3		
MTT 2302	Conversational Editing and Subroutines OR	3		
MTT 230	Conversational Programming	6		
	TOTAL	13		

FOURTH SEMESTER				
MTT 220	Advanced Industrial Machining I AND	4		
MTT 222	Advanced Industrial Machining II OR	2		
MTT 224	Advanced Industrial Machining	5		
MTT 2401	Intro to 3-D Code Sequencing and Tool Path Production AND	3		
MTT 2402	Advanced 3-D Code Sequencing and Macro Systems OR	3		
MTT 240	Intro to 3-D Programming	6		
	Elective	3		
	TOTAL	14		
NOTES Additional Classes:				
	General Education/Applied Academics	3		
	Electives	3		
	TOTAL	62-64		