Program Curriculum for Machine Tool & Computer Aided ManufacturingTechnology

Sem.	Dept.	Course #	Course Title	Course Credits	General Education Credits	Program Credits
1	MACH	106	Blueprint Reading and Related Math	3		
1	MACH	112	Cutting Tools and Measurement	3		
1	MACH	118	Lathe and Vertical Milling Machine I	4		
1	MACH	123	Surface Grinding and Abrasive Machining I	2		12
1	ENG	106	English Composition	3		
1	MATH	131	Intermediate Algebra	3	6	
2	MACH	158	Lathe and Vertical Milling Machine II	3		
2	MACH	161	Metallurgy	2		
2	MACH	167	Machine Skills Lab	4		
2	MACH	172	Computer Numerical Control I	3		12
2	MATH	141	Trigonometry	3		
2	ENG	216 -or- 221	Elective	3	6	
3	MACH	229	Machine Skills Lab II	4		

3	MACH	267	Electrical Discharge Machining	1		
3	MACH	222	CAD/CAM I	3		
3	MACH	227	CNC II	3		11
3	CIS	105	Drawing with AutoCAD	3		
3	PHYS		Physics Elective	3	6	
4	MACH	257	Machine Skills Lab III **-or-**	4		
4	MACH	231	Machine Tool Internship	3		
4	MACH	272	CAD/CAM II	3		
4	MACH	276	CNC III	4		14
4	HUMANITIES		General Education Elective	3	3	
Add. Gen. Ed.	HEALTH	106 -or- 111	Elective	1		
Add. Gen. Ed.	ELECTIVE		Elective	3	4	
			TOTAL CREDITS	71		