

**Mechanical Engineering Technology
(A40320)
Suggested Sequence: Day Students
2008-2009**

			Class	Lab	Credit
Fall Semester					
ACA	111	College Student Success	1	0	1
CSC	134	C++ Programming	2	3	3
DFT	111	Technical Drafting I	1	3	2
DFT	111A	Technical Drafting I Lab	0	3	1
ENG	111	Expository Writing	3	0	3
MAT	121	Algebra/Trigonometry I	2	2	3
Total Credit Hours:					13

Spring Semester					
DFT	151	CAD I	2	3	3
ENG	114	Prof. Research and Reporting	3	0	3
MAT	122	Algebra/Trigonometry II	2	2	3
PHY	131	Physics-Mechanics	3	2	4
		Social/Behavioral Science Elective	3	0	3
Total Credit Hours:					16

Summer Semester					
DFT	112	Technical Drafting II	1	3	2
DFT	112A	Technical Drafting II Lab	0	3	1
PHY	132	Physics-Elec & Magnetism	3	2	4
Total Credit Hours:					7

Fall Semester					
MAC	121	Intro to CNC	2	0	2
MEC	111	Machine Processes	2	3	3
MEC	180	Engineering Materials	2	3	3
MEC	250	Statics & Strength of Mat	4	3	5
WLD	112	Basic Welding Processes	1	3	2
		Humanities/Fine Arts Elective	3	0	3
Total Credit Hours:					18

Spring Semester					
DFT	152	CAD II	2	3	3
ISC	132	Mfg Quality Control	2	3	3
MEC	237	Control Systems	3	2	4
MEC	265	Fluid Mechanics	2	2	3
MEC	270	Machine Design	3	3	4
Total Credit Hours:					17

Total Hours Required for Graduation: 71

Co-op Option: Qualified students may elect to take up to 4 credit hours of cooperative education in place of MEC 270.