Program Curriculum for Engineering CAD Technology

Sem.	Dept.	Course #	Course Title	Course Credits	General Education Credits	Program Credits
1	CADT	105	Fundamentals of Machining	3		
1	CADT	112	Technical Drawing	3		
1	CADT	120	Intro to AutoCAD Applications	3		
1	CADT	130	Advanced AutoCAD Applications	3		12
1	MATH	131	Intermediate Algebra (or higher math)	3	3	
2	CADT	150	Intro to AutoDesk Inventor	3		
2	CADT	160	Advanced AutoDesk Inventor	3		
2	CADT	168	Piping and Cable	3		
2	CADT	171	Process of Manufacturing	3		12
2	MATH	141	Trigonometry (or higher math)	3	3	
3	CADT	207	Geometric Tolerancing	3		

3	CADT	211	Metals Fabrication Drafting	3		
3	CADT	220	Intro to Solid Works Application	3		
3	CADT	230	Advanced Solid Works Applications	3		12
3	ENG	216	Technical Report Writing	3	3	
4	CADT	250	Intro to Pro/Engineer Applications	3		
4	CADT	260	Advanced Pro/Engineer Applications	3		
4	CADT	266	Working Drawings	3		
4	CADT	271	Power Transmission	3		12
4	ENG	221	Public Speaking	3		
4	HUMANITIES		General Education Elective	3	6	
Add. Gen. Ed.	HEALTH	106 -or- 111	Elective	1		
			TOTAL CREDITS	73		