

**Mechanical Engineering Technology/Drafting and Design
A40320A**

Prefix & Numbers	Description	Class	Lab	Clinical/S hop	Credit
First Semester					
ACA 111	College Student Success	1	0	0	1
DFT 111	Technical Drafting I	1	3	0	2
DFT 111A	Technical Drafting I Lab	0	3	0	1
DFT 151	CAD I	2	3	0	3
MEC 111	Machine Processes I	1	4	0	3
MEC 180	Engineering Materials I	2	3	0	3
PSY 118	Interpersonal Psychology	3	0	0	3
<i>Totals:</i>		10	16	0	16
Second Semester					
DFT 112	Technical Drafting II	1	3	0	2
DFT 112A	Technical Drafting II Lab	0	3	0	1
DFT 152	CAD II	2	3	0	3
ENG 111	Expository Writing	3	0	0	3
MAT 121	Algebra/Trigonometry I	2	2	0	3
MEC 112	Machine Processes II ²	2	3	0	3
<i>Totals:</i>		10	14	0	15
Summer Term					
DDF 211	Design Process I ³	1	6	0	4
<i>Totals:</i>		1	6	0	4
Fourth Semester					
DDF 212	Design Process II ³	1	6	0	4
HYD 110	Hydraulics/Pneumatics I	2	3	0	3
MAT 122	Algebra/Trigonometry II	2	2	0	3
PHY 131	Physics - Mechanics	3	2	0	4
	Humanities/Fine Arts (Select One) ¹	3	0	0	3
<i>Totals:</i>		11	13	0	17
Fifth Semester					
DDF 213	Design Process III	1	6	0	4
DFT 154	Intro to Solid Modeling	2	3	0	3
ENG 114	Professional Research & Reporting	3	0	0	3
MEC 231	Comp. Aided Manufacturing I	1	4	0	3
MEC 250	Statics & Strength of Materials	4	3	0	5
<i>Totals:</i>		11	16	0	18
Total Credit Hours Required for AAS Degree					70

¹ ART 111, ART 114, ART 115, DRA 111, ENG 131, ENG 231, ENG 232, ENG 241, ENG 242, HUM 115, HUM 120, HUM 121, HUM 122, HUM 150, HUM 160, MUS 110, REL 110, REL 211, REL 212

² Student may substitute 6 hours Co-op Work Experience or ISC 112 and 4 hours Co-op Work Experience.

³ Student may substitute 4 hours Co-op Work Experience I