

## Mechanical Engineering Technology A40320

Prefix & Number	Description	Class	Lab	Clinical/ Shop	Credit
<b>First Semester</b>					
ACA 111	College Student Success	1	0	0	1
CIS 113	Computer Basics	0	2	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
MAC 111	Machining Technology I	2	12	0	6
MEC 180	Engineering Materials I	2	3	0	3
<i>Totals:</i>		8	26	0	17
<b>Second Semester</b>					
DFT 152	CAD II	2	3	0	3
ENG 111	Expository Writing	3	0	0	3
MAC 112	Machining Technology II	2	12	0	6
MAC 121	Introduction to CNC	2	0	0	2
MAT 121	Algebra/Trigonometry I	2	2	0	3
<i>Totals:</i>		11	17	0	17
<b>Third Semester</b>					
HYD 110	Hydraulics/Pneumatics I	2	3	0	3
MAC 113A	Machining Technology III <sup>2</sup>	1	6	0	3
MAT 122	Algebra/Trigonometry II	2	2	0	3
MEC 128	CNC Machining Process <sup>3</sup>	2	4	0	4
PHY 131	Physics - Mechanics	3	2	0	4
	Humanities/Fine Arts (Select One) <sup>1</sup>	3	0	0	3
<i>Totals:</i>		13	17	0	20
<b>Fourth Semester</b>					
ENG 114	Professional Research & Reporting	3	0	0	3
MAC 113B	Machining Technology III <sup>2</sup>	1	6	0	3
MEC 231	Comp. Aided Manufacturing I	1	4	0	3
MEC 250	Statics & Strength of Materials	4	3	0	5
PSY 118	Interpersonal Psychology	3	0	0	3
<i>Totals:</i>		12	13	0	17
<b>Total Credit Hours Required for AAS Degree</b>					<b>71</b>

<sup>1</sup>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

<sup>2</sup>Students may substitute 6 hours Co-op Work Experience or ISC 112 and 4 hours Co-op Work Experience

<sup>3</sup>Students may substitute 4 hours Co-op Work Experience