

General Education Requirements (15-16 Credit Hours)		Hours
Communication (6 Credit Hours):		
ENG-111 Writing and Inquiry		3
Select one of the following communication courses:		3
ENG-112 Writing/Research in the Disc (3 Credit Hours)		
ENG-114 Prof Research & Reporting (3 Credit Hours)		
Humanities/Fine Arts (3 Credit Hours):		
See Mechanical Engineering Technology HFA Electives List (next page)		3
Social/Behavioral Sciences (3 Credit Hours):		
See Mechanical Engineering Technology SBS Electives List (next page)		3
Natural Sciences/Mathematics (3-4 Credit Hours):		
Select one of the following math courses:		3-4
MAT-121 Algebra/Trigonometry I (3 Credit Hours)		
MAT-171 Precalculus Algebra (4 Credit Hours)		
Core Courses (22 Credit Hours)		
EGR-251 Statics		3
EGR-252 Strength of Materials		3
DFT-151 CAD I		3
DFT-154 Intro Solid Modeling		3
MEC-265 Fluid Mechanics		3
MEC-145 Mfg Materials I		3
Select one of the following physics courses:		4
PHY-131 Physics-Mechanics (4 Credit Hours)		
PHY-151 College Physics I (4 Credit Hours)		
Other Major Courses (27 Credit Hours)		
DFT-111 Technical Drafting I		2
DFT-112 Technical Drafting II		2
DFT-121 Intro to GD&T		2
MEC-111 Machine Processes I		3
MEC-275 Engineering Mechanisms		3
See Mechanical Engineering Technology Major Electives List (next page)		17
Total Credit Hours for AAS A40320		66-67

Note: Only accepted courses listed on official transcripts receive permanent official transfer credit.

Student Signature

Date

A40320 Mechanical Engineering Technology Humanities/Fine Arts (HFA) Electives List

Credit Hours	Course	Credit Hours	Course	Credit Hours	Course	Credit Hours	Course
3	ART 111	3	ART 266	3	ENG 242	3	HUM 170
3	ART 114	3	ART 281	3	ENG 261	3	MUS 110
3	ART 115	3	ART 283	3	ENG 262	3	MUS 210
3	ART 121	3	ART 288	3	ENG 272	3	PHI 230
3	ART 131	3	DRA 111	3	ENG 273	3	PHI 240
3	ART 132	3	DRA 126	3	ENG 274	3	REL 110
3	ART 240	3	ENG 125	3	HUM 110	3	REL 211
3	ART 241	3	ENG 131	3	HUM 115	3	REL 212
3	ART 244	3	ENG 231	3	HUM 120		
3	ART 261	3	ENG 232	3	HUM 122		
3	ART 262	3	ENG 241	3	HUM 130		

A40320 Mechanical Engineering Technology Social/Behavioral Sciences (SBS) Electives List

Credit Hours	Course	Credit Hours	Course	Credit Hours	Course	Credit Hours	Course
3	ANT 210	3	HIS 111	3	POL 220	3	PSY 259
3	ANT 220	3	HIS 112	3	PSY 110	3	PSY 275
3	ANT 230	3	HIS 122	3	PSY 118	3	PSY 281
1	ANT 230A	3	HIS 131	3	PSY 150	3	SOC 210
3	ANT 240	3	HIS 132	3	PSY 211	3	SOC 213
2	ANT 240A	3	HIS 163	3	PSY 237	3	SOC 220
3	ECO 151	3	HIS 221	3	PSY 239	3	SOC 230
3	ECO 251	3	HIS 226	3	PSY 241	3	SOC 234
3	ECO 252	3	HIS 236	3	PSY 243	3	SOC 240
3	GEO 111	3	POL 120	3	PSY 246	3	SOC 242
3	GEO 112	3	POL 130	3	PSY 249	3	SOC 250
3	GEO 130						

A40320 Mechanical Engineering Technology Major Electives List

ELC and WLD courses are limited to a total of 9 Credit Hours each. MAT courses are limited to 5-6 Credit Hours for a total of no more than 9 Credit Hours for the program. WBL is limited to 4 Credit Hours.

If CHM 151 is selected, you must also take or have taken MAT 171.

BSET/MEET Transfer Courses: CHM 151, CIS 115, CSC 134, CSC 139, ELC 112, MAT 152, MAT 172, MAT 263, MAT 271, and PHY 132 are recommended for Major Electives for students pursuing a transfer degree. MAT courses are limited to 5-6 SHC of Major Electives for a program total of no more than 9 SHC.

Manufacturing Courses: ATR 112, ATR 281, ELC 117, ELC 125, ELC 128, HYD 110, ISC 112, ISC 132, MAC 122, MAC 124, MEC 110, WLD 110, WLD 121, and WLD 131 are recommended for Major Electives for students not pursuing a transfer degree.

Credit Hours	Course	Credit Hours	Course	Credit Hours	Course	Credit Hours	Course
3	ATR 112	4	ELC 117	2	MAC-122	1	WBL 111
4	ATR 281	2	ELC 125	2	MAC-124	2	WBL 112
4	CHM 151	3	ELC 128	4	MAT 152	1	WBL 121
3	CIS 115	3	ELC 130	4	MAT 172	2	WLD 110
3	CSC 134	3	HYD 110	4	MAT 263	4	WLD 121
3	CSC 139	2	ISC 112	4	MAT 271	4	WLD 131
3	DFT 254	3	ISC 132	2	MEC 110		
5	ELC 112	2	MAC-114	4	PHY 132		