



Mechanical Engineering Technology Diploma D40320 Educational Plan Sheet 2020-2021

General Education Requirements (6-7 Credit Hours)		Hours
Communication (6 Credit Hours):		
ENG-111 Writing and Inquiry		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 (13 Credit Hours)		
DFT-151 CAD I		3
DFT-154 Intro Solid Modeling		3
MEC-145 Mfg Materials I		3
PHY-131 Physics-Mechanics		4
Other Major Courses (19 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
See Mechanical Engineering Technology Major Electives List (next page)		3
Total Credit Hours for Diploma		38-39

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

Student Signature

Date

D40320 Mechanical Engineering Technology Major Electives List							
If CHM 151 is selected, you must also take or have taken MAT 171.							
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		