



# Mechanical Engineering Technology Diploma (D4032001) 2020-21 Curriculum

**Student Name:** \_\_\_\_\_  
**Advisor:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_

**Graduation Date:** \_\_\_\_\_  
**Email:** \_\_\_\_\_  
**Office Location:** \_\_\_\_\_

Fall I							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
EGR	120	Eng & Design Graphics	2	2	0	3	None
ISC	elective	ISC 112 online or ISC 121 traditional	2	0	0	2	None
MEC	111	Machine Processes I (MAC 141 acceptable)	1	4	0	3	None
<b>Total Recommended Hours</b>			<b>5</b>	<b>6</b>	<b>0</b>	<b>8</b>	

Spring I							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
DFT	151	CAD I (AutoCAD Software)	2	3	0	3	None
ENG	111	Writing and Inquiry	3	0	0	3	Placement Scores
MAT	121	Algebra/Trigonometry I (MAT 171 acceptable)	2	2	0	3	Placement Scores
<b>Total Recommended Hours</b>			<b>7</b>	<b>5</b>	<b>0</b>	<b>9</b>	

Summer I							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
DFT	152	CAD II (Solidworks)	2	3	0	3	DFT 151 recommended
MEC	180	Engineering Materials	2	3	0	3	None
<b>Total Recommended Hours</b>			<b>4</b>	<b>6</b>	<b>0</b>	<b>6</b>	

Fall II							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
BPR	111	Print Reading	1	2	0	2	None
ISC	132	Mfg Quality Control	2	3	0	3	None
MEC	161	Manufacturing Processes I	3	0	0	3	Must take MEC 161A at same time
MEC	161A	Manufacturing Processes I Lab	0	3	0	1	Must take MEC 161 at same time
<b>Total Recommended Hours</b>			<b>6</b>	<b>8</b>	<b>0</b>	<b>7</b>	

Spring II							
Prefix	No	Title	Class	Lab	Clinic	Credit	Course Prerequisites
ATR	281	Automated Manufacturing	3	2	0	4	None
HYD	110	Hydraulics/Pneumatics I	3	2	0	3	None
<b>Total Recommended Hours</b>			<b>6</b>	<b>4</b>	<b>0</b>	<b>7</b>	
<b>Total Program Hours</b>			<b>37</b>				

This program also offers an associate's degree in Mechanical Engineering Technology (A40320).

This program also offers certificates:

Mechanical Engineering Software (C4032003) - EGR 120, DFT 151, DFT 152 & DFT 153

Mechanical Fundamentals (C4032004) - DFT 151, BPR 111, ISC 132, ISC 136, & MEC 111 or MAC 141

Manufacturing Processes Fundamentals (C4032005) - MEC 161, MEC 161A, MEC 180, ISC 132, DFT 152 & DFT 153

MET Highschool Pathway (C40320H1 & H2)

**Advisors:**  
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