

## Program Curriculum for Mechanical Engineering Technology

MET offers two options for model schedules.

- **Option #1** includes two math courses.
- **Option #2** has one advanced math course and an additional elective.

OPTION #1						
<u>Se m.</u>	<u>Dept.</u>	<u>Course #</u>	<u>Course Title</u>	<u>Course_Cre dits</u>	<u>General Education_Cr edits</u>	<u>Program_Cr edits</u>
1	MET	101	Drafting Fundamental s	3		
1	MET	106	Engineering Graphics	3		
1	MET	116	Computer- Aided Drafting	3		
1	MET	176	Manufacturin g Processes	3		12
1	ENG	106	English Composition	3		
1	MATH	131	Intermediate Algebra	3	6	
2	MET	111	Engineering Standards	3		
2	MET	161	Fabrication Principles	3		
2	MET	166	Mechanical Design	3		
2	MET	171	Product Design	3		12
2	MATH	141	Trigonometr y	3		

2	PHYS	113	Statics	3	6	
3	MET	201	Engineering Mechanics	3		
3	MET	206	Fluid Mechanics	3		
3	MET	211	Production Design	3		
3	MET	216	Parametric Solid Modeling	3		12
3	ENG	216	Technical Writing	3		
3	PHYS	213	General Physics	3	6	
4	MET	261	Engineering Materials	3		
4	MET	266	Thermodynamics	3		
4	MET	271	Machine Design	3		
4	MET	276	Engineering Seminar	3		12
4	HUMANITIES		General Education Elective	3	3	
Ad d. Ge n. Ed.	ELECTIVE		General Studies Elective	3		

			<b>TOTAL CREDITS</b>	73		
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**OPTION #2**

<u>Se m.</u>	<u>Dept.</u>	<u>Course #</u>	<u>Course Title</u>	<u>Course_Cre dits</u>	<u>General Education Cr edits</u>	<u>Program Cr edits</u>
1	MET	101	Drafting Fundamentals	3		
1	MET	106	Engineering Graphics	3		
1	MET	116	Computer-Aided Drafting	3		
1	MET	176	Manufacturing Processes	3		12
1	ENG	106	English Composition	3		
1	MATH	207	Pre-Calculus	4	7	
2	MET	111	Engineering Standards	3		
2	MET	161	Fabrication Principles	3		
2	MET	166	Mechanical Design	3		
2	MET	171	Product Design	3		12
2	PHYS	113	Statics	3	3	
3	MET	201	Engineering Mechanics	3		

3	MET	206	Fluid Mechanics	3		
3	MET	211	Production Design	3		
3	MET	216	Parametric Solid Modeling	3		12
3	ENG	216	Technical Writing	3		
3	PHYS	213	General Physics	3	6	
4	MET	261	Engineering Materials	3		
4	MET	266	Thermodynamics	3		
4	MET	271	Machine Design	3		
4	MET	276	Engineering Seminar	3		12
4	HUMANITIES		General Education Elective	3	3	
Ad d. Gen. Ed.	ELECTIVE		General Studies Elective	5		
			<b>TOTAL CREDITS</b>	73		

