

## Sample Plan of Study – Mechanical Engineering Technology (MET)

### Sample Plan of Study

#### Mechanical Engineering Technology (MET) - without summer semesters

#### Freshman Year

Semester 1				Semester 2			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ET 131	Transforming Ideas to Innovations I	2	None	ENGL 107	First Year Composition	4	ENGL 100
ENGL 100	English for Academic Studies	3	None	MET 180	Structure and Properties of Materials	3	ET 131 (with a grade of C- or better), and ConP: MA 165
GEE	General Education Elective	5		ET 190	Basic Mechanics I	3	ConP: MA 165
MA 165	Analytic Geometry and Calculus I	4	Placement Test or MA 158	PHYS 218	Modern Mechanics	4	MA 161 or MA 223 or ConP: MA 165
				MET 163	Graphical Communication and Spatial Analysis	2	None
<b>Semester Credits = 14</b>				<b>Semester Credits = 16</b>			

#### Sophomore Year

Semester 3				Semester 4			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
GEE	General Education Elective	3	None	ENG 200	Programming Applications for Engineering	3	ET 131
ET 200	Mechanics of Materials	3	ET 190 (C-)	STA 205	Applied Statistics for Engineering Technology	3	ConP: MA 165
IET 204	Techniques of Maintaining Quality	3	ConP: MA 165	COM 114	Fundamentals of Speech Communication	3	ENGL 100
MET 223	Introduction To Mechanical Engineering Design, Innovation and Entrepreneurship	3	ET 131 and MET 163 (For MET program only prerequisites should be met with min. with a grade of C-)	MET 335	Basic Machining	3	MET 163, MET 180 and PHYS 218 (All with grades of C- or better)
IET 104	Industrial Management Seminars	1	None	MET 290	Global Engineering Professional Seminar	1	Sophomore
MA 166	Analytic Geometry and Calculus II	4	MA 165	GEE	General Education Elective	5	
<b>Semester Credits = 17</b>				<b>Semester Credits = 18</b>			

**Total Credits = 65**

*The sample plan of study is designed for a full time student within an ordinary graduation period between two and three years.*