

Bachelor of Science in Mechanical Engineering Technology -- 132 Credits

JMET-BSM (RG 295)

Effective August 2015

CET Freshman Year Curriculum (RG 373) & General Education Requirements (RG 374)

(RQL 871-10)

ET Freshman Year Curriculum			
Complete the following Courses		CR	Satisfied/Term
EngCmp 0003	Communication I	3	
EngCmp 0004	Communication II	3	
Chem 0111	General Chemistry I	3	
Chem 0113	General Chemistry I Lab	1	
ET 0011	Engineering Drawing	3	
ET 0023	Intro to Computer-Aided	2	
ET 0082	Frshmn Engr Tech	0	
Math 0221	Analytic Geom & Calc I	4	
Math 0231	Analytic Geom & Calc II	4	
Phys 0150	Physics I	4	
Phys 0151	Physics Laboratory I	1	
Requirement Satisfied			

(RQL 871-20)

ET Freshman Year Curriculum			
Complete one of the following		CR	Satisfied/Term
CAS 0001	University Scholarship	1	
ET 0079	Freshman Seminar	1	
ET 0081	Freshman Seminar	0	
Requirement Satisfied			

(RQL 870-10 thru 50)

Social Science - 9 credits minimum			
Select 1 course from 3 different disciplines			
Anthropology			
Geography			
History			
Political Science			
Sociology			

(RQL 869-40 thru 120)

Humanities - 9 credits minimum			
Select 1 course from 3 different disciplines			
	3		
	3		
	3		

MET Sophomore Year Curriculum

(RQL 878-10)

Soph Year Curriculum - 3rd Term			
Complete the following Courses		CR	Satisfied/Term
EET 0010	Basic Elec Tech	1	
EET 0110	Circuits 1 Basic Ele	3	
ET 0030	Computer Syms Prgmg	2	
ET 0051	Mechanics - Statics	3	
Math 0241	Analytic Geom & Calc 3	4	
MET 1183	Soph MET Seminar	0	
Phys 0152	Physics 2	4	
Phys 0153	Physics Laboratory 2	1	
Requirement Satisfied			

(RQL 878-20)

Soph Year Curriculum - 4rd Term			
Complete the following Courses		CR	Satisfied/Term
EET 1042	Power & Machinery Lab	1	
EET 1142	Power and Machinery	3	
ET 0035	Engr Design	3	
ET 0052	Mechanics Dynamics	3	
ET 0053	Strength of Material	3	
ET 0054	Strength of Material Lab	1	
Math 1035	Diff Equations	4	
MET 1184	Soph MET Seminar	0	
Requirement Satisfied			

MET Junior Year Curriculum

(RQL 879-10)

Junior Year Curriculum - 5th Term			
Complete the following Courses		CR	Satisfied/Term
MET 1061	Manuf. Processes Lab	1	
MET 1062	Materials Lab	1	
MET 1110	Thermodynamics	3	
MET 1154	Fluid Mechanics	3	
MET 1155	Fluid Mechanics Lab	1	
MET 1161	Manuf. Processes	3	
MET 1162	Materials	3	
MET 1185	Junior MET Seminar	0	
Requirement Satisfied			

(RQL 879-20)

Junior Year Curriculum - 6th Term			
Complete the following Courses		CR	Satisfied/Term
ET 1103	Engineering Economic	3	
MET 1111	Applied Thermodynamics	3	
MET 1135	Engineering Measurem	4	
MET 1172	CASS/CAE	3	
MET 1186	Junior MET Seminar	0	
Requirement Satisfied			

MET Senior Year Curriculum

(RQL 880-10)

Senior Year Curriculum - 7th Term			
Complete the following Courses		CR	Satisfied/Term
EngWrt 1192	Technical Writing	3	
MET 1116	Heat Transfer	3	
MET 1136	Engineering Measure	2	
MET 1170	Machine Design	3	
MET 1187	Senior MET Seminar	0	
MET 1195	Senior Project Prop	1	
Requirement Satisfied			

(RQL 880-20)

Senior Year Curriculum - 8th Term			
Complete the following Courses		CR	Satisfied/Term
MET 1188	Senior MET Seminar	0	
MET 1199	Senior Design Project	3	
Requirement Satisfied			

(RQL 880-30)

MET Electives			
Complete two of the following Courses			
MET 1120	Industrial Kinematics	3	
MET 1112	Power Plants	3	
MET 1144	Energy	3	
MET 1156	Adv Fluid Mechanics	3	
MET 1157	Heating, Vent & Air	3	
MET 1171	Advanced Mech Desn	3	
MET 1173	Finite Element Methods	3	
Requirement Satisfied			

IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.