

**DEPARTMENT OF TECHNOLOGY
MECHANICAL ENGINEERING TECHNOLOGY
BACHELOR OF SCIENCE DEGREE**

2022~2024

		Semester Hours		
		1st	2nd	Total
		Sem	Sem	Hours
FRESHMAN YEAR				
ENGT 100, 105	Intro to Engr Tech, Engr Prob Solv.	2	2	4
ENGL 110, 111	Composition I, II	3	3	6
GE HPER	HPER Elective	--	1	1
MCET 102	Machine Lab	1	--	1
MATH 150, Global Studies	Pre-Calculus, Global Studies Elective	4	3	7
ENGT 261, STAT210	Fund of Engr Graphics, Elementary Statistics	3	3	6
GE HIST, PYSC 101	History Elective, Intro Psychology	<u>3</u>	<u>3</u>	<u>6</u>
		16	15	31
SOPHOMORE YEAR				
MCET 200, 201 & 202	Statics, Strength of Matl. & Lab	3	4	7
INLT 292, SPEE 214	Intro. to ERP, Intro. Public Spk	3	3	6
GE HPER	HPER Elective	1	--	1
MATH 260, 261	Calculus I, Calculus II	4	4	8
PHYS 105, PHYS 106	Intro to Physics I w/Lab, Intro to Physic II w/Lab	<u>4</u>	<u>4</u>	<u>8</u>
		15	15	30
JUNIOR YEAR				
MCET 313 & 314, GE LIT	Fluid Mech. & Lab, Literature Elective	4	3	7
MCET311, 301	Dynamics, Intro to Thermo	3	3	6
ENGT301, ENGT 321	Computer Programming, Engr Economy	3	3	6
MCET 306, 305	Machine Design I, Mfg. Matl. and Proc.	3	3	6
ENGT 290, PHIL 275	Intro Electricity and Electronics, Ethics	<u>3</u>	<u>3</u>	<u>6</u>
		16	15	31
SENIOR YEAR				
INLT 485	Project Management	3	--	3
ENGL 342	Technical Writing	3	--	3
MCET 401 & 404	Applied Thermo & Energy Lab	4	--	4
MCET 441, Tech Elective	Heat Transfer, Tech Elective	3	3	6
INLT 383	Quality Management	--	3	3
MCET 421 & 422	Hydraulics and Pneumatics & Lab	--	4	4
MCET 415 & 416	Instrum and Control & Measurements Lab	--	4	4
ENGT420, 421	Senior Project I, Senior Project II	<u>3</u>	<u>2</u>	<u>5</u>
		16	16	32

Total Program Semester hours 124