

Bachelor of Science in Engineering Technology

Major in Mechanical Engineering Technology

Semester 1 17 credits	Semester 2 17 Credits	Semester 3 17 Credits	Semester 4 17 Credits	Semester 5 17 Credits	Semester 6 18 Credits	Semester 7 15 Credits	Semester 8 15 Credits
EGR 102 First Year Exp. (0)	SET 101 Intro to Engr Tech II (0)	EGR 200* Prof Dev for Sophomores (0)	MFG 206L Dimensional Metrology (1)	SET 300 Prof Dev for Juniors (0)	IET 317 Industrial Economics (3)	SET 400 Prof Dev for Seniors (1)	MCT 490 Senior Design Project (3)
EGR 150 Enrichment Workshop I (0)	EGR 151 Enrichment Workshop II (0)	MCT 215 Statics (3)	MCT 221 Strength of Materials (3)	ECT 110 Electrical Circuits I (3)	MCT 320 Design Machine Elements I (3)	ECT 408 Data Acquisition & Measure (2)	TECH EL (3)
EGR 103 Engineering Innovation (2)	MCT 112L Intro to Mech Design (3)	MFG 204 Materials & Processes (3)	MCT 231 Fluid Mechanics (3)	ECT 110L Electrical Circuits I Lab (1)	TECH EL (3)	MCT 342 Thermo- dynamics (3)	TECH EL (3)
MCT 110L Tech Drawing & CAD (2)	MTH 169 Calculus II (4)	MFG 204L Materials & Proc Lab (1)	IET 316 Quantitative Analysis (3)	IET 323 Project Management (3)	MFG 431 Automation Controls (3)	MCT 420 Design Machine Elements II (3)	Advanced Historical Studies (3)
MFG 108L Mfg Processes Lab (1)	CHM 123 General Chemistry (3)	MTH 207 Introduction to Statistics (3)	PHY 202 General Physics II (3)	MCT 315 Dynamics (3)	MFG 240 Mfg Product Design (3)	TECH EL (3)	Art Study (3)
SET 150 Engineering Analysis (2)	CHM 123L General Chem Lab (1)	PHY 201 General Physics I (3)	PHY 202L General Phys II Lab (1)	MCT 336 Fluid Power (3)	Advanced PHL/REL (Ethics) (3)	Advanced PHL/REL (3)	
MTH 168 Calculus I (4)	PHL 103 Introduction to Philosophy (3)	PHY 201L General Phys I Lab (1)	CMM 100 Principles of Oral Comm. (3)	MCT 336L Fluid Power Lab (1)			
ENG 100 Writing Seminar I (3)	HST 103 The West & The World (3)	ENG 200 Writing Seminar II (3)		SSC 200 (3)			
REL 103 Introduction to Religion (3)							

* COP 200 may be taken in place of EGR 200

KEY

CAP Common	Math	Technical Elective	See reverse for course prerequisites. Consult academic advisor for selection of approved common academic program (CAP) and technical elective courses.
CAP Electives	Science	ET Core	
----- Corequisite or concurrent			

