

Bachelor of Science in Engineering Technology

Major in Global Manufacturing Systems Engineering Technology

Semester 1 17 credits	Semester 2 17 Credits	Semester 3 16 Credits	Semester 4 16 Credits	Semester 5 17 Credits	Semester 6 17 Credits	Semester 7 16 Credits	Semester 8 17 Credits
SET 100 First-Year Seminar (0)	SET 100 First-Year Seminar (0)	SET 200 Prof Dev Seminar (0)	ECT 110 Electrical Circuits I (3)	MCT 336 Fluid Power (3)	IET 323 Project Management (3)	IET 317 Industrial Economics (3)	MFG 490 Senior Design Project (3)
EGR 100 Enrichment Workshop (0)	EGR 100 Enrichment Workshop (0)	MCT 111L Introduction to Design (2)	ECT 110L Electrical Circuits I Lab (1)	MCT 336L Fluid Power Lab (1)	SET 499 Seminar (1)	IET 316 Quantitative Methods (3)	MFG 427 CIM & Global Mfg (3)
MCT 110L Tech Drawing & CAD (2)	SET 153L Technical Computation (1)	MFG 208L Geometric Dim & Tolerance (1)	SET 200 Prof Dev Seminar (0)	MCT 313 Industrial Mechanisms (3)	MFG 431 Automation Controls (3)	MFG 438 Sustain Mfg & Prod Design (3)	ECT 408 Data Acquisition & Measure (2)
MTH 137 Calculus I With Review 1 (4)	MTH 138 Calculus I With Review 2 (4)	IET 408 Lean Management (3)	IET 318 Statistical Process Cntrl (3)	MFG 434 Robotics & CNC (3)	Language Requirement (4)	Language Requirement (4)	Advanced Historical Studies (3)
MFG 108L Mfg Processes Lab (1)	EGR 103 Engineering Innovation (2)	MCT 220 Statics & Dynamics (3)	MFG 240 Mfg Product Design (3)	PHY 201 General Physics I (3)	TECH EL (3)	Advanced PHL/REL (3)	SSC 200 (3)
CHM 123 General Chemistry (3)	MFG 204 Materials & Processes (3)	MFG 206L Dimensional Metrology (1)	MCT 221 Strength of Materials (3)	PHY 201L General Phys I Lab (1)	Advanced PHL/REL (Ethics) (3)	Art Study (3)	
CHM 123L General Chem Lab (1)	MFG 204L Materials & Proc Lab (1)	MTH 207 Introduction to Statistics (3)	ENG 200 Writing Seminar II (3)	MFG 432 Plastic, Comp, Nano Matrls (3)			
ENG 100 Writing Seminar I (3)	PHL 103 Introduction to Philosophy (3)	CMM 100 Principles of Oral Comm. (3)					
REL 103 Introduction to Religion (3)	HST 103 The West & The World (3)						

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			

