

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 16 Credits	Semester 7 17 Credits	Semester 8 17 Credits
SET 100 Intro to Engr Tech I (0)	SET 101 Intro to Engr Tech II (0)	SET 200* Prof Dev for Sophomores (0)	ECT 110 Electrical Circuits I (3)	SET 300 Prof Dev for Juniors (0)	IET 323 Project Management (3)	SET 400 Prof Dev for Seniors (1)	MFG 490 Senior Design Project (3)
EGR 100 Enrichment Workshop (0)	EGR 100 Enrichment Workshop (0)	MCT 220 Statics & Dynamics (3)	ECT 110L Electrical Circuits I Lab (1)	MCT 313 Industrial Mechanisms (3)	MFG 431 Automation Controls (3)	IET 317 Industrial Economics (3)	ECT 408 Data Acquisition & Measure (2)
MCT 110L Tech Drawing & CAD (2)	SET 153L Technical Computation (1)	IET 408 Lean Management (3)	IET 318 Statistical Process Cntrl (3)	MCT 336 Fluid Power (3)	Language Requirement (4)	IET 316 Quantitative Methods (3)	MFG 427 CIM & Global Mfg (3)
MFG 108L Mfg Processes Lab (1)	EGR 103 Engineering Innovation (2)	MCT 111L Introduction to Design (2)	MCT 221 Strength of Materials (3)	MCT 336L Fluid Power Lab (1)	TECH EL (3)	MFG 438 Sustain Mfg & Prod Design (3)	Advanced Historical Studies (3)
MTH 137 Calculus I With Review 1 (4)	MFG 204 Materials & Processes (3)	MFG 208L Geometric Dim & Tolerance (1)	MFG 240 Mfg Product Design (3)	MFG 432 Plastic, Comp, Nano MatrIs (3)	Advanced PHL/REL (Ethics) (3)	Language Requirement (4)	SSC 200 (3)
CHM 123 General Chemistry (3)	MFG 204L Materials & Proc Lab (1)	MFG 206L Dimensional Metrology (1)	ENG 200 Writing Seminar II (3)	MFG 434 Robotics & CNC (3)	Advanced PHL/REL (3)	Advanced PHL/REL (3)	Art Study (3)
CHM 123L General Chem Lab (1)	MTH 138 Calculus I With Review 2 (4)	MTH 207 Introduction to Statistics (3)		PHY 201 General Physics I (3)			
ENG 100 Writing Seminar I (3)	PHL 103 Introduction to Philosophy (3)	CMM 100 Principles of Oral Comm. (3)		PHY 201L General Phys I Lab (1)			
REL 103 Introduction to Religion (3)	HST 103 The West & The World (3)						

* COP 200 may be taken in place of SET 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			

