

# Bachelor of Science in Engineering Technology

## Major in Mechanical Engineering Technology

Semester 1 17 credits	Semester 2 17 Credits	Semester 3 16 Credits	Semester 4 17 Credits	Semester 5 17 Credits	Semester 6 18 Credits	Semester 7 15 Credits	Semester 8 15 Credits
<b>SET 100</b> Intro to Engr Tech I (0)	<b>SET 101</b> Intro to Engr Tech II (0)	<b>SET 200*</b> Prof Dev for Sophomores (0)	<b>IET 316</b> Quantitative Analysis (3)	<b>SET 300</b> Prof Dev for Juniors (0)	<b>IET 317</b> Industrial Economics (3)	<b>SET 400</b> Prof Dev for Seniors (1)	<b>MCT 490</b> Senior Design Project (3)
<b>EGR 100</b> Enrichment Workshop (0)	<b>EGR 100</b> Enrichment Workshop (0)	<b>MCT 220</b> Statics & Dynamics (3)	<b>MFG 206L</b> Dimensional Metrology (1)	<b>ECT 110</b> Electrical Circuits I (3)	<b>MCT 317</b> Machine Dynamics (3)	<b>ECT 408</b> Data Acquisition & Measure (2)	<b>TECH EL</b> (3)
<b>EGR 103</b> Engineering Innovation (2)	<b>MCT 110L</b> Tech Drawing & CAD (2)	<b>MCT 111L</b> Introduction to Design (2)	<b>MCT 221</b> Strength of Materials (3)	<b>ECT 110L</b> Electrical Circuits I Lab (1)	<b>MCT 330</b> Design Machine Elements (3)	<b>MCT 342</b> Thermodynamics (3)	<b>TECH EL</b> (3)
<b>MFG 108L</b> Mfg Processes Lab (1)	<b>SET 153L</b> Technical Computation (1)	<b>MFG 208L</b> Geometric Dim & Tolerance (1)	<b>MCT 231</b> Fluid Mechanics (3)	<b>IET 323</b> Project Management (3)	<b>MFG 431</b> Automation Controls (3)	<b>TECH EL</b> (3)	<b>Advanced Historical Studies</b> (3)
<b>MTH 137</b> Calculus I With Review 1 (4)	<b>MFG 204</b> Materials & Processes (3)	<b>MTH 207</b> Introduction to Statistics (3)	<b>PHY 202</b> General Physics II (3)	<b>MCT 313</b> Industrial Mechanisms (3)	<b>MFG 240</b> Mfg Product Design (3)	<b>TECH EL</b> (3)	<b>Art Study</b> (3)
<b>CHM 123</b> General Chemistry (3)	<b>MFG 204L</b> Materials & Proc Lab (1)	<b>PHY 201</b> General Physics I (3)	<b>PHY 202L</b> General Phys II Lab (1)	<b>MCT 336</b> Fluid Power (3)	<b>SSC 200</b> (3)	<b>Advanced PHL/REL</b> (3)	
<b>CHM 123L</b> General Chem Lab (1)	<b>MTH 138</b> Calculus I With Review 2 (4)	<b>PHY 201L</b> General Phys I Lab (1)	<b>CMM 100</b> Principles of Oral Comm. (3)	<b>MCT 336L</b> Fluid Power Lab (1)			
<b>ENG 100</b> Writing Seminar I (3)	<b>PHL 103</b> Introduction to Philosophy (3)	<b>ENG 200</b> Writing Seminar II (3)		<b>Advanced PHL/REL (Ethics)</b> (3)			
<b>REL 103</b> Introduction to Religion (3)	<b>HST 103</b> 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

