

# Bachelor of Science in Engineering Technology

## Major in Electronic & Computer Engineering Technology

Semester 1 17 credits	Semester 2 17 Credits	Semester 3 17 Credits	Semester 4 16 Credits	Semester 5 16 Credits	Semester 6 17 Credits	Semester 7 16 Credits	Semester 8 15 Credits
<b>EGR 102</b> First Year Exp. (0)	<b>SET 101</b> Intro to Engr Tech II (0)	<b>SET 200*</b> Prof Dev for Sophomores (0)	<b>MCT 220</b> Statics & Dynamics (3)	<b>SET 300</b> Prof Dev for Juniors (0)	<b>ECT 362</b> Comp Operating Systems (3)	<b>SET 400</b> Prof Dev for Seniors (1)	<b>ECT 490</b> Senior Design Project (3)
<b>EGR 100</b> Enrichment Workshop (0)	<b>EGR 100</b> Enrichment Workshop (0)	<b>ECT 120</b> Electrical Circuits II (3)	<b>ECT 206</b> Electronic Devices I (3)	<b>MCT 110L</b> Tech Drawing & CAD (2)	<b>ECT 408</b> Data Acquisition & Measure (2)	<b>IET 317</b> Industrial Economics (3)	<b>ECT 452</b> Feedback Controls (3)
<b>EGR 103</b> Engineering Innovation (2)	<b>ECT 110</b> Electrical Circuits I (3)	<b>ECT 224</b> Digital Computer Fund (3)	<b>ECT 206L</b> Electronic Devices I Lab (1)	<b>IET 316</b> Quantitative Analysis (3)	<b>ECT 465</b> Data Comm (3)	<b>IET 323</b> Project Management (3)	<b>TECH EL</b> (3)
<b>SET 153L</b> Technical Computation (1)	<b>ECT 110L</b> Electrical Circuits I Lab (1)	<b>ECT 224L</b> Digital Computer Fund Lab (1)	<b>ECT 357</b> Micro- processors I (3)	<b>ECT 306</b> Electronic Devices II (3)	<b>MFG 431</b> Automation Controls (3)	<b>ECT 466</b> Microcomputer Architecture (3)	<b>TECH EL</b> (3)
<b>MTH 137</b> Calculus I With Review 1 (4)	<b>MTH 138</b> Calculus I With Review 2 (4)	<b>ECT 361</b> Programming Structures (3)	<b>MTH 207</b> Introduction to Statistics (3)	<b>ECT 306L</b> Electronic Dev II Lab (1)	<b>TECH EL</b> (3)	<b>TECH EL</b> (3)	<b>Art Study</b> (3)
<b>CHM 123</b> General Chemistry (3)	<b>HST 103</b> The West & The World (3)	<b>PHY 201</b> General Physics I (3)	<b>SSC 200</b> (3)	<b>ECT 358</b> Micro- processors II (3)	<b>Advanced PHL/REL</b> (3)	<b>Advanced Historical Studies</b> (3)	
<b>CHM 123L</b> General Chem Lab (1)	<b>REL 103</b> Introduction to Religion (3)	<b>PHY 201L</b> General Phys I Lab (1)		<b>ECT 358L</b> Microproc II Lab (1)			
<b>ENG 100</b> Writing Seminar I (3)	<b>CMM 100</b> Principles of Oral Comm. (3)	<b>ENG 200</b> Writing Seminar II (3)		<b>Advanced PHL/REL (Ethics)</b> (3)			
<b>PHL 103</b> Introduction to Philosophy (3)							

\* COP 200 may be taken in place of SET 200

**KEY**

<span style="border: 1px solid black; padding: 2px;">CAP Common</span>	<span style="background-color: #FFC0CB; border: 1px solid black; padding: 2px;">Math</span>	<span style="background-color: #FFFFE0; border: 1px solid black; padding: 2px;">Technical Elective</span>	See reverse for course prerequisites.
<span style="background-color: #ADD8E6; border: 1px solid black; padding: 2px;">CAP Electives</span>	<span style="background-color: #C8E6C9; border: 1px solid black; padding: 2px;">Science</span>	<span style="background-color: #FFD700; border: 1px solid black; padding: 2px;">ET Core</span>	Consult academic advisor for selection of approved common academic program (CAP) and technical elective courses.
		-----	Corequisite or concurrent

