

**Technology & Engineering Education with a Concentration in Engineering Design Education**  
**Bachelor of Science in Education**  
**132 Credits**

**Suggested Four-Year Program of Study**

<b>Freshman Year</b>	<b>Fall</b>	<ul style="list-style-type: none"> <li>• ENGL 110 English Composition 3</li> <li>• MATH 130 Statistics (<i>counts in Foundations for Lifelong Learning block</i>) 3</li> <li>• AENG 110 Communication &amp; Information Systems 3</li> <li>• AENG 130 Production Materials &amp; Processes 3</li> <li>• UNIV 103 First year Inquiry (FYI) Seminar or Open Elective <u>3</u></li> </ul>	<b>15</b>
	<b>Spring</b>	<ul style="list-style-type: none"> <li>• COMM 100 Fundamentals of Speech 3</li> <li>• WELL 175 Wellness 3</li> <li>• AENG 120 Energy, Power &amp; Transportation Systems 3</li> <li>• AENG 140 Bio-related Technologies 3</li> <li>• AENG 241 Drafting Communications 3</li> <li>• AENG 251 or 252 Print Media Systems ~ or ~ Web Publishing Systems <u>3</u></li> </ul>	<b>18</b>
<b>Sophomore Year</b>	<b>Fall</b>	<ul style="list-style-type: none"> <li>• AENG 261 Electronic Systems 3</li> <li>• AENG 271 or 281 Processing Nonmetallic Matls ~ or ~ Processing Metallic Matls 3</li> <li>• PHYS 131 Physics I (<i>assumes MPT 111</i>) 4</li> <li>• ENGL _____ (G1) English literature elective 3</li> <li>• _____ (G3) Social Sciences elective [<i>200-level or above writing (W) course</i>] <u>3</u></li> </ul>	<b>16</b>
	<b>Spring</b>	<ul style="list-style-type: none"> <li>• EDTE 291 Foundations of Technology &amp; Engineering Education 3</li> <li>• EDFN 211 Foundations of Modern Education [<i>diversity course</i>] 3</li> <li>• EDFN 241 Psychological Foundations of Teaching 3</li> <li>• PHYS 132 Physics II 4</li> <li>• MATH 151 Calculus for Management, Life &amp; Social Sciences <u>4</u></li> </ul>	<b>17</b>
<b>Junior Year</b>	<b>Fall</b>	<ul style="list-style-type: none"> <li>• ENGL 312 or 316 Technical or Business Writing 3</li> <li>• AENG 344 Product Design 3</li> <li>• AENG _____ Advanced technical elective (300-500 level) 3</li> <li>• _____ (G3) Social Sciences elective [<i>200-level or above writing (W) course</i>] 3</li> <li>• _____ (G1) Humn/Fine Arts elective [<i>200-level or above writing (W) course</i>] 3</li> <li>• _____ Perspectives (P) <u>3</u></li> </ul>	<b>18</b>
	<b>Spring</b>	<ul style="list-style-type: none"> <li>• AENG 327 Engineering Structures 3</li> <li>• AENG 322 Transportation &amp; Robotics 3</li> <li>• AENG 435 Manufacturing Enterprise 3</li> <li>• AENG _____ Advanced technical elective (300-500 level) 3</li> <li>• AENG _____ Advanced technical elective (300-500 level) 3</li> <li>• _____ (G3) Social Sciences elective <u>3</u></li> </ul>	<b>18</b>
<b>Senior Year</b>	<b>Fall</b>	<ul style="list-style-type: none"> <li>• EDTE 391 Curriculum &amp; Instruction in Technology &amp; Engineering Education 3</li> <li>• EDSE 340 Content Area Literacy for Diverse Classrooms 3</li> <li>• SPED 346 Secondary Students with Disabilities in Inclusive Settings 3</li> <li>• AENG 346 Architectural Drawing &amp; Design 3</li> <li>• EDTE 496 Innovation &amp; Design Methodologies 2</li> <li>• _____ (G1) Humn/Fine Arts elective [<i>200-level or above writing (W) course</i>] <u>3</u></li> </ul>	<b>17</b>
	<b>Spring</b>	<ul style="list-style-type: none"> <li>• EDTE 461 Student Teaching 9</li> <li>• EDTE 491 Seminar in Technology &amp; Engineering Education 1</li> <li>• EDSE 471 Differentiating Instruction <u>3</u></li> </ul>	<b>13</b>