# Program Articulation Degree Plan

**Southeastern Illinois College 2023-2024**

<table>
<thead>
<tr>
<th>AS General - 62 Hours</th>
<th>BS - Electrical Engineering Technology (EET) - 120 Hours</th>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hrs</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>COM 121</td>
<td>Principles of Speaking</td>
<td>3</td>
<td>CMST 101</td>
<td>Intro to Oral Communication</td>
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<tr>
<td>ENG 121</td>
<td>Rhetoric &amp; Composition I</td>
<td>3</td>
<td>ENG 101</td>
<td>English Composition I</td>
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<tr>
<td>ENG 122</td>
<td>Rhetoric &amp; Composition II</td>
<td>3</td>
<td>ENGL 102</td>
<td>English Composition II</td>
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<tr>
<td>MATH 161</td>
<td>Pre-Calculus</td>
<td>4</td>
<td>MATH 111 (required)</td>
<td>Precalculus</td>
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<tr>
<td>MATH 162</td>
<td>Basic Physics</td>
<td>4</td>
<td>PHYS 203A/253A (required)</td>
<td>College Physics w/Lab</td>
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<tr>
<td>BIOL 201</td>
<td>Human Heredity</td>
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<td>BIOL 202</td>
<td>Human Genetics &amp; Health</td>
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<tr>
<td>BUS 133</td>
<td>Business Communications</td>
<td>3</td>
<td>MGMT 202 (required)</td>
<td>Business Communications</td>
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<tr>
<td>MATH 141</td>
<td>Elementary Statistics</td>
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<td>MATH 282 (required)</td>
<td>Intro to Statistics</td>
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<tr>
<td>MATH 165</td>
<td>Scientific Programming</td>
<td>3</td>
<td>ECE 222 (required)</td>
<td>Intro to Digital Computation</td>
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<tr>
<td>MATH 162</td>
<td>Calculus I</td>
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<td>MATH 150 (required)</td>
<td>Calculus I</td>
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<td>PHYS 203B/253B</td>
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<td>EET 150</td>
<td>Intro to Electrical Engineering Technology</td>
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<td>EET 150</td>
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<td>EET 238</td>
<td>Digital System Fundamentals</td>
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<tr>
<td>EET 238</td>
<td>Digital System Fundamentals</td>
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<td>EET 245</td>
<td>Introductory Circuit Theory &amp; Applications</td>
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<td>EET 304A</td>
<td>AC/DC Circuit Theory</td>
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<td>EET 304B</td>
<td>Network Theory &amp; Application</td>
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<tr>
<td>EET 304B</td>
<td>Network Theory &amp; Application</td>
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<td>EET 332A</td>
<td>DC Motors, Generators &amp; Energy Conv Devices</td>
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<tr>
<td>EET 332A</td>
<td>DC Motors, Generators &amp; Energy Conv Devices</td>
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<td>EET 430A</td>
<td>Electronic Circuit Analysis</td>
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<tr>
<td>EET 430A</td>
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<td>EET 430B</td>
<td>Electronics Application &amp; Design</td>
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<tr>
<td>EET 430B</td>
<td>Electronics Application &amp; Design</td>
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<td>EET 437A</td>
<td>Telecommunication Systems Fundamentals</td>
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<tr>
<td>EET 437A</td>
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<td>EET 437B</td>
<td>Data &amp; Computer Communication</td>
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<tr>
<td>EET 437B</td>
<td>Data &amp; Computer Communication</td>
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<td>EET 438A</td>
<td>Automatic Control Systems Technology</td>
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<tr>
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<td>Automatic Control Systems Technology</td>
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<td>EET 438B</td>
<td>Sequential Digital Control &amp; Data Acquisition</td>
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<tr>
<td>EET 438B</td>
<td>Sequential Digital Control &amp; Data Acquisition</td>
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<td>EET 439</td>
<td>Microcontroller Application &amp; Design</td>
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<tr>
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<td>EET 495A</td>
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<td>EET 495B</td>
<td>Electrical Engineering Technology Senior Design II</td>
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Any courses not articulated will be used to satisfy general elective credit

Total semester hrs completed w/ AS degree: 62

Total semester hrs completed w/ BS degree: 60

Degree plan updated on 5/25/2023 by SW

Total hrs to BS degree: 122