Degree

Bachelor of Science in Electrical Engineering

Course Catalog

Advising Information

https://cec.fiu.edu/academics/student-resources/advising/

Admission Requirements

- Completion of Associate in Arts (AA) degree
- Cumulative Transfer GPA: 2.0
- To be fully admitted to the program, MAC 2311 must be completed with a grade of C or better.

Special Notes

- It is highly recommended that you complete all of your math and science prerequisites before transferring to FIU.
- Engineering students should take math and science courses every term at BC in order to make efficient progress towards the degree. Delaying math and science courses effectively delays graduation as such courses are prerequisites for upper level engineering coursework at FIU.

PREREQUISITES

<table>
<thead>
<tr>
<th>BC Course</th>
<th>FIU Course</th>
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</thead>
<tbody>
<tr>
<td>MAC 2311 Calculus &amp; Analytical Geometry I</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus &amp; Analytical Geometry II</td>
<td>MAC 2312</td>
</tr>
<tr>
<td>MAC 2313 Calculus &amp; Analytical Geometry III</td>
<td>MAC 2313</td>
</tr>
<tr>
<td>MAP 2302 Differential Equations</td>
<td>MAP 2302</td>
</tr>
<tr>
<td>CHM 1045 + CHM 1045L General Chemistry I + Lab</td>
<td>CHM 1045 + Lab</td>
</tr>
<tr>
<td>PHY 2048 + PHY 2048L General Physics w/ Calculus I + Lab</td>
<td>PHY 2048</td>
</tr>
<tr>
<td>PHY 2049 + PHY 2049L General Physics w/ Calculus II + Lab</td>
<td>PHY 2049 + Lab</td>
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ADDITIONAL LOWER DIVISION REQUIREMENTS

<table>
<thead>
<tr>
<th>BC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>SPC 1608* Introduction to Public Speaking</td>
<td>SPC 2608</td>
</tr>
<tr>
<td>EGS 1001 Introduction to Engineering</td>
<td>EGN 1002</td>
</tr>
<tr>
<td>ETD 1320 Basic CAD</td>
<td>EGN 1110C</td>
</tr>
<tr>
<td>COP 1334C Introduction to C++</td>
<td>EEL 2880**</td>
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*SPC 1024 at BC is an acceptable alternative

**Exception made for Electrical Engineering majors only