**Electrical Engineering**

2018-2019 Palm Beach State College Transfer Guide

College of Engineering & Computing

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**Degree**

Bachelor of Science in Electrical Engineering

**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**

- Students must earn a grade of C or better in all prerequisite courses.
- 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 PBSC 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.

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>MAC 2311 Calculus &amp; Analytical Geometry 1</td>
<td>MAC 2311</td>
</tr>
<tr>
<td>MAC 2312 Calculus &amp; Analytical Geometry 2</td>
<td>MAC 2312</td>
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<tr>
<td>MAC 2313 Calculus &amp; Analytical Geometry 3</td>
<td>MAC 2313</td>
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<tr>
<td>MAP 2302 Differential Equations</td>
<td>MAP 2302</td>
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<tr>
<td>CHM 1045 + CHM 1045L General Chemistry 1 + Lab</td>
<td>CHM 1045 + Lab</td>
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<tr>
<td>PHY 2048 + PHY 2048L General Physics w/ Calculus 1 + Lab</td>
<td>PHY 2048</td>
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<tr>
<td>PHY 2049 + PHY 2049L General Physics w/ Calculus 2 + Lab</td>
<td>PHY 2049 + Lab</td>
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**ADDITIONAL LOWER DIVISION REQUIREMENTS**

- SPC 2608* Public Speaking
- EGN 1002C Introduction to Engineering
- ETD 2320C Introduction to AutoCAD
- COP 2334 Programming in C++
- STA 2023 Statistics
- EEL 2880**
- EIN 3235**

*SPC 1017 at PBSC is an acceptable alternative.

**These courses award credit in the Electrical Engineering program; exception made for Electrical Engineering majors only.