Degree

Bachelor of Science in Mechanical Engineering
Concentrations available in: Aerospace, Robotics, and Heating, Ventilation & Air Conditioning

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, students must be Calculus I ready (have completed MAC 1114 + MAC 1140 OR MAC 1147, with a grades of C OR better in each course).

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 PBSC in order to make efficient progress towards the degree. Delaying math and science courses effectively delays graduation as such courses are pre-requisites for upper level engineering coursework at FIU.

PREREQUISITES

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

<table>
<thead>
<tr>
<th>PBSC Course</th>
<th>FIU Course</th>
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<tbody>
<tr>
<td>EGN 1002C Introduction to Engineering</td>
<td>EGS 1006</td>
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