

Mechanical Engineering

2022-2023 Palm Beach State College Transfer Guide

Degree

[Bachelor of Science in Mechanical Engineering](#)
[Course Catalog](#)

Advising Information

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

Admission Requirements

- **Academic Progression Standards**
To progress into upper-division coursework, students must earn a C or better in ALL prerequisites in **two attempts or fewer**. Drops after the add/drop period are considered an attempt in the course.
- 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 shown below before transferring to FIU to avoid Excess Credit Surcharges after transferring to FIU with an AA degree.
- 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.

PREREQUISITES

PBSC Course	FIU Course
CHM 1045 + CHM 1045L General Chemistry 1 + Lab	CHM 1045 + Lab
MAC 2311 Calculus and Analytical Geometry 1	MAC 2311
MAC 2312 Calculus and Analytical Geometry 2	MAC 2312
MAC 2313 Calculus and Analytical Geometry 3	MAC 2313
MAP 2302 Differential Equations	MAP 2302
PHY 2048 + PHY 2048L General Physics w/ Calculus 1 + Lab	PHY 2048 + Lab
PHY 2049 + PHY 2049L General Physics w/ Calculus 2 + Lab	PHY 2049 + Lab

ADDITIONAL LOWER DIVISION REQUIREMENT

EGN 1002C Introduction to Engineering	EGS 1006
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