

Electrical Engineering

2024-2025 Palm Beach State College Transfer Guide

Degree

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

Admission Requirements

- **Academic Progression Standards**
 - Complete Associate in Arts (AA) degree
 - Complete all prerequisites with grade of C or higher
 - Cumulative Transfer GPA: 2.0 or higher
 - Earn grade of C or higher in all prerequisites in **two attempts or fewer**
 - Drop/withdrawal **grades** are considered attempts
 - Complete MAC 2311 with grade of C or higher

Special Notes

- We strongly encourage students to complete math and science courses **every term** to make satisfactory progress toward completing all prerequisites and AA degree prior to transfer.
- The additional lower division courses below are required for this program. We encourage students to take as many of these courses as possible (as electives) prior to completing the AA.

PREREQUISITES

PBSC Course	FIU Course
MAC 2311 Calculus with Analytic Geometry 1	MAC 2311
MAC 2312 Calculus with Analytic Geometry 2	MAC 2312
MAC 2313 Calculus with Analytic Geometry 3	MAC 2313
MAP 2302 Differential Equations	MAP 2302
BSC 1010 + BSC 1010L Principles of Biology 1 + Lab OR	
CHM 1045 + CHM 1045L General Chemistry 1 + Lab	BSC 2010 + BSC 2010L
CHM 1045 + CHM 1045L General Chemistry 1 + Lab	CHM 1045 + CHM 1045L
PHY 2048 General Physics with Calculus 1 (Lab not required at FIU)	
PHY 2048 General Physics with Calculus 1 (Lab not required at FIU)	PHY 2048
PHY 2049 + PHY 2049L General Physics with Calculus 2 + Lab	PHY 2049 + PHY 2049L

ADDITIONAL LOWER DIVISION COURSES

STA 2023 Statistics*	ESI 3215
SPC 2608 Public Speaking OR	
SPC 2608 Public Speaking	SPC 2608
SPC 1017 Fundamentals of Speech Communication	SPC 1ART-satisfies requirement
EGN 1002C Introduction to Engineering	EGN 1002
COP 2334 Programming in C++ *	EEL 2880
COP 2800 Programming in Java*	COP 2210

*Course transfers as noted for Electrical Engineering majors.