Civil Engineering

2022-2023 Miami Dade College Transfer Guide

Miami Dade College | *College of Engineering & Computing* | FIU Connect4Success

Degree

Bachelor of Science in Civil Engineering
Course Catalog

Advising Information

https://cee.fiu.edu/resources/students/advising/undergraduate-advisors/

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 grades of C or better in each course).

Special Notes

- It is highly recommended that you complete all math and science prerequisites at MDC to avoid Excess Credit Surcharge at FIU.
- Engineering students should take math and science courses every term at MDC 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

MDC Course	FIU Course
CHM 1045 + CHM 1045L General Chemistry & Qual. Analysis 1	CHM 1045 + Lab
MAC 2311 Calculus & Analytical Geometry 1	MAC 2311
MAC 2312 Calculus & Analytical Geometry 2	MAC 2312
MAC 2313 Calculus & Analytical Geometry 3	MAC 2313
MAP 2302 Introduction to Differential Equations	MAP 2302
PHY 2048 + PHY 2048L Physics w/ Calculus 1 + Lab	PHY 2048 + Lab
PHY 2049 Physics w/ Calculus 2 (Lab not required)	PHY 2049

ADDITIONAL LOWER DIVISION REQUIREMENTS

GLY 1010 + GLY 1010L Physical Geology + Lab	GLY 1010 + Lab
ETD 1340 Computer Aided Drawing & Design	EGN 1110C

RECOMMENDED COURSES

SUR 1101C Surveying 1	SUR 2101C
EGN 2312* Engineering Mechanics - Statics (w/ Vectors)	EGN 3311

**This course grants upper division credit in the CE program.*