

Computer Engineering

2024-2025 Miami Dade College Transfer Guide



College of Engineering & Computing



Degree

[Bachelor of Science in Computer 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

| MDC Course | FIU Course |
|---|------------|
| 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 Introduction to Differential Equations | MAP 2302 |

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| BSC 2010 + BSC 2010L Principles of Biology 1 + Lab | BSC 2010 + BSC 2010L |
| OR | |
| CHM 1045 + CHM 1045L Gen Chemistry & Qualitative Analysis + Lab | CHM 1045 + CHM 1045L |

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| PHY 2048 Physics with Calculus 1 (Lab not required at FIU) | PHY 2048 |
| PHY 2049 + PHY 2049L Physics with Calculus 2 + Lab | PHY 2049 + PHY 2049L |

ADDITIONAL LOWER DIVISION COURSES

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| MAD 2104 Discrete Mathematics | MAD 2104 |
| MAS 3105 Linear Algebra* | EEL 3120 |
| STA 2023 Statistical Methods* | ESI 3215 |

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| SPC 2608 Introduction to Public Speaking | SPC 2608 |
| OR | |
| SPC 1017 Introduction to Communication | SPC 1ART-satisfies requirement |

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| EGN 1008C Introduction to Engineering | EGN 1002 |
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| COP 2270 "C" for Engineers* | EEL 2880 |
| OR | |
| COP 1334 Introduction to C++ Programming* | EEL 2880 |

*Course transfers as noted for Computer Engineering majors.