Computer Engineering

Weaker Math Preparation

Sample Schedule

Year 1

Fall Semester

| Trigonomentry and Differential Calculus | ECC: Computer Programming for Engineers | General Elective | First-year Writing Seminar |

January Term

| Intgral Calculus |

Spring Semester

| Foundations of Science 1 | Foundations of Science 2 | General Elective | Colloquium |
| Engineering Ethics |

Summer Term

| Multivariable Calculus |

Year 2

Fall Semester

| Linear Algebra | Foundations of Science 3 | Foundations of Science 4 | Core |
| Differential Equations |

January Term

| ECC: Design & Innovation |

Spring Semester

| Computer Systems Programming | ECC: Digital Logic | ECC: Circuits | Core |
| Discrete Mathematics | Advanced Digital Logic | Advanced Circuits |

Year 3

Fall Semester

Computer Organization and Architecture	Probability & Statistics / ECC: Numerical Methods	Data Structures and Algorithms	Colloquium

January Term

General Elective

Spring Semester

Operating Systems	Computer Networks	Computer Engineering Elective (Hardware)	General Elective

Year 4

Fall Semester

Capstone Seminar / Capstone Design I	Embedded Systems	Computer Engineering Elective	Core

Spring Semester

Capstone Design II	ECC: Conservation Laws / ECC: Statics	Computer Engineering Elective	Core

Course / Credit Key

Course Key

GENERAL ELECTIVES	MAJOR: REQUIRED	MAJOR: ELECTIVES	CAPSTONE	CORE

Credit Key

1 CREDITS	2 CREDITS	4 CREDITS	5 CREDITS