

ELECTRICAL



15 FRESHMAN FALL	16 FRESHMAN SPRING
ENGL 101 (3) College English I Grade of C- or better	ENGL 102 (3) College English II Grade of C- or better Prereq: ENGL 101 Grade C or better
MATH 242 (5) Calculus I Prereq: See Course Catalog	MATH 243 (5) Calculus II Prereq: MATH 242 Grade C or better
CS 194 (4) Introduction to Digital Design Prereq: MATH 111 or equivalent	PHYS 313 (4) Physics for Scientist I Coreq: MATH 243 Grade C or better
General Education H/FA/S&BSc (3) Note b	CS 211 (4) Introduction to Programming Prereq: MATH 111 or equivalent

PHIL 385 (3)
Engineering Ethics

Prereq: Junior or Senior standing

General Education
H/FA/S&BSc (3)

Note b

General Education
H/FA/S&BSc (3)

Note b

EE 383 (3)
Signals and Systems

Prereq: EE 284 and MATH 555
Grade C- or better

ME 398 (3)
Thermodynamics I

Prereq: MATH 243 and PHYS 313
Grades of C or better

Prereq: EE 282 & MATH 555 or EE 383
Grades C- or better

Technical Elective (4)

Note a

EE 595 (2)
Senior Design Project II

Prereq: EE 585
Grade C- or better

NOTES: (a) At least 6 of the 8 technical elective hours must be from the EECS Department. Up to 2 credit hours of Co-op courses can be used as non-departmental technical electives. (b) Humanities/Fine Arts/Social & Behavioral Science courses must be from an approved list which appears in the Schedule of Courses. (c) Students are required to take EE 493 or EE 688. If taking both, the second will count towards technical electives.