

Bachelor of Science in Engineering - Electrical Engineering 2016-17 Catalog

FRESHMAN YEAR

SOPHOMORE YEAR

FALL
SEMESTER

SPRING
SEMESTER

FALL
SEMESTER

SPRING
SEMESTER

***@#ENG 101 (3)**
SAT SCORE > 500 OR
ACT SCORE > 18 OR
PLACEMENT EXAM

***@#ENG 102 (3)**
PREREQUISITE
ENG 101 or
ENG 101 E/F

***@#PHIL 242 (3)**
^FOR ELECTRICAL
ENGINEERING STUDENTS
PHIL 242 SATISFIES ONE
HUMANITIES AND THE
SECOND YEAR SEMINAR

***@#EE 221/L (4)**
PREREQUISITE
EE 220

***@#MATH 181 (4)**
PREREQUISITE
MATH 127 OR MATH
128 OR PLACEMENT

***@#MATH 182 (4)**
PREREQUISITE
MATH 181

***@#MATH 283 (4)**
PREREQUISITE
MATH 182

***@#MATH 431 (3)**
PREREQUISITE
MATH 283

***@#CHEM 121A/L (4)**
PREREQUISITE
CHEM PLACEMENT TEST OR
CHEM 103
COREQUISITE
MATH 126 OR HIGHER

***@#PHYS 180/L (4)**
PREREQUISITE
MATH 181

***@#PHYS 181/L (4)**
PREREQUISITE
PHYS 180/L & MATH
182

***@# EGG 307 (3)**
PREREQUISITE
MATH 181 & 30+
CREDITS (SOPHOMORE
STANDING)

***@#CPE 100 (3)**
PREREQUISITE
MATH 127 OR 128 OR
HIGHER

***@#CS 117 OR CS 135**
PREREQUISITE
CS 117 - MATH 181
CS135 - MATH 127 OR 128
OR HIGHER

***@#EE 220/D (3)**
PREREQUISITE
MATH 182 &
CS 117 OR CS 135

***@#GEN. ED REQ. (3)**
SOCIAL SCIENCE (MULTI)
NOTE: REFER TO THE 2016-
17 UNIVERSITY CATALOG

***@#FIRST-YEAR
SEMINAR (2-3)**
EGG 101/L
RECOMMENDED

***@#ECON 190 (3)**
SATISFIES
INTERNATIONAL
REQUIREMENT

***@#CPE 200 & D
& L (4)**
PREREQUISITE
CPE 100

**CONSTITUTIONAL
REQUIREMENT**
SUGGESTED
*@#PSC101 (4) OR
*@#HIST100 (4)

*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

#COURSE OFFERED IN SUMMER

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JUNIOR YEAR

SENIOR YEAR

FALL
SEMESTER

SPRING
SEMESTER

FALL
SEMESTER

SPRING
SEMESTER

***@#MATH 432 (3)**
PREREQUISITE
MATH 431

***@EE 361 (3)**
PREREQUISITES
EE 360 & MATH 432

***@EE CORE
AREA #3 (3)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE

***@EE CORE
AREA #6 (3)**
NOTE: REQUIRES
ADVANCED STANDING &
COURSE CO/PREREQS.

***@EE 320/L (4)**
PREREQUISITE
EE 221/L, MATH 431,
CHEM 121A/L, PHYS181/L

@EE 370 (3)
PREREQUISITES
EE 360 & (MATH 432 OR
MATH 459)

***@EE CORE
AREA #4 (3)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE
CO/PREREQS.

**@#EE PROFESSIONAL
ELECTIVE #1 (3)**
NOTE: REFER TO
APPROVED LIST OF
EE/CPE ELECTIVES

***EE 330/D (3)**
PREREQUISITES
PHYS 181, MATH 431,
EE 221
COREQUISITE
MATH 432

***@EE CORE
AREA #1 (3)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE CO/
PREREQS.

***@EE CORE
AREA #5 (3)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE

***@EE PROFESSIONAL
ELECTIVE #2 (3)**
NOTE: REFER TO
APPROVED LIST OF
EE/CPE ELECTIVES

***@EE 360/D (3)**
PREREQUISITES
EE 221, MATH 431
COREQUISITE
MATH 432 or MATH 459

***@EE CORE
AREA #2 (3)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE
CO/PREREQS.

***@LAB #3 (1)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE
CO/PREREQS.

***@MATH/SCIENCE
PROFESSIONAL
ELECTIVE #3 (3)**
NOTE: REFER TO
APPROVED LIST OF
MATH/SCIENCE

***@#FINE ARTS
ELECTIVE (3)**
MULTI IF NOT TAKEN AS SOCIAL
SCIENCE
NOTE:
REFER TO THE 2016-17 CATALOG

***@LAB #1 (1)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE

***@LAB #5 (1)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE
CO/PREREQS.

***@EE498 (2)**
PREREQUISITES
EE 497 & FINAL SEMESTER
SENIOR

***@LAB #2 (1)**
NOTE: REQUIRES ADVANCED
STANDING & COURSE
CO/PREREQS.

***@EE 497 (1)**
PREREQUISITE: SENIOR
STANDING & CPE OR EE
MAJOR & CONSENT OF FAC.
MENTOR AND DEPT.

***@#COM 216 (3)**

*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

#COURSE OFFERED IN SUMMER