

Bachelor of Science in Engineering - Computer 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 COMPUTER
ENGINEERING STUDENTS
PHIL 242 SATISFIES ONE
HUMANITIES AND THE
SECOND YEAR SEMINAR

***@CPE 260 SIGNALS
AND SYSTEMS (3)**
PREREQUISITE
MATH 182

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

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

***@#MATH 251 (3)**
PREREQUISITE
MATH 182

***@CS 302 (3)**
PREREQUISITE
CS 202, MATH 181

***@#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

***@EE 221/L (4)**
PREREQUISITE
EE 220 & (CS 117 OR
CS 135)

***@#CS 135/L (3)**
PREREQUISITE
MATH 127 OR MATH 128
OR HIGHER

***@#CS 202 (3)**
PREREQUISITE
CS 135/L

***@EE 220/D (3)**
PREREQUISITE
MATH 182

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

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

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

***@#CS 218 (3)**
PREREQUISITE
CPE 100 & (CS 117
OR CS 135)

***@#ECON 190 (3)**

*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

***@EE 320/L (4)**
PREREQUISITE
EE 221/L, MATH 431 or
CPE 260, CHEM 121A/L,
PHYS 181/L

@CPE 301 (3)
PREREQUISITE
CPE 300 AND CS 218

***@CPE CORE AREA
#1 COURSE #1 (3)**
**NOTE: REQUIRES
ADVANCED STANDING**

***@CPE CORE AREA #1
COURSE #2 (3)**
**NOTE: REQUIRES
ADVANCED STANDING**

***CPE 300 (3)**
PREREQUISITE
CPE 200

@CPE 301L (1)
PREREQUISITE
CPE 200 & CS 218
COREQUISITE
CPE 301

***@CPE CORE AREA #2
COURSE #1 (3)**
**NOTE: REQUIRES
ADVANCED STANDING**

***@CPE CORE AREA
#2 COURSE #2 (3)**
**NOTE: REQUIRES
ADVANCED STANDING**

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

***@#STAT 411 or
STAT 463 (3)**
PREREQUISITE
MATH 182 for Stat 411
MATH 283 for STAT 463

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

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

@CPE 302 (3)
PREREQUISITE
CPE 200 or CS 302

***@CS 370 (3)**
PREREQUISITE
CS 302 & (CS 219 OR
CPE 300)

***@EE 497 (1)**
**PREREQUISITE: SENIOR
STANDING & CPE OR EE
MAJOR & CONSENT OF
FACULTY MENTOR AND
DEPARTMENT**

***@EE/CPE LAB (1)**
**NOTE: REQUIRES ADVANCED
STANDING & COURSE**

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

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

***@#FINE ARTS
ELECTIVE (3)**
NOTE
REFER TO THE 2015-16
CATALOG

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

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

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

*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

#COURSE OFFERED IN SUMMER