

B.S. - COMPUTER ENGINEERING 2017-18 CATALOG

FRESHMAN YEAR

SOPHOMORE YEAR

FALL
SEMESTER

SPRING
SEMESTER

FALL
SEMESTER

SPRING
SEMESTER

***@#ENG 101 (3)**
SAT SCORE > 499 or
SAT ERWS > 479 OR
ACT SCORE > 17 OR
PLACEMENT EXAM

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

***@#SOPHOMORE
SEMINAR (3)**
PHIL 242
RECOMMENDED

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

***@#MATH 181 (4)**
PREREQUISITE
MATH 127 OR 128 OR SAT
SCORE > 629 OR SAT MSS >
649 OR ACT SCORE > 27
PLACEMENT TEST

***@#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)**

* INDICATES COURSES OFFERED IN FALL

INDICATES COURSES OFFERED IN SUMMER
(SUBJECT TO CHANGE BASED ON DEPT. OFFERING)

@ INDICATES COURSES OFFERED IN SPRING

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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)

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

***@#FINE ARTS
 ELECTIVE (3)**
 NOTE
 REFER TO THE 2017-18
 CATALOG

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

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

***@#GEN. ED REQ. (3)**
SOCIAL SCIENCE (MULTI)
 NOTE: REFER TO THE
 2017-18 UNIVERSITY
 CATALOG

***@#PHIL 242 (3)**
 (IF NOT TAKEN AS SYS
 COURSE)

*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO
 CHANGE BASED ON DEPT. OFFERING)