

# B.S. - COMPUTER ENGINEERING 2020-21 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

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

**\*@#CPE 260 or MATH  
431 (3)**  
PREREQUISITE  
MATH 182 CPE 260 AND  
MATH 283 FOR MATH 431

**\*@#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

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

**\*@#FIRST-YEAR  
SEMINAR (1)**  
EGG 101/L  
RECOMMENDED

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

**\*EGG 202 (1)**  
PREREQUISITE: EGG 101

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

**\*@#GEN. ED REQ. (3)**  
SOCIAL SCIENCE  
NOTE: REFER TO THE  
2020-21 UNIVERSITY  
CATALOG

**\*@#CPE 100 (3)**  
PREREQUISITE  
MATH 127 OR MATH 128 OR  
MATH 181 W/

**\*@#FINE ARTS  
ELECTIVE (3)**  
NOTE: REFER TO THE  
2020-21 UNIVERSITY  
CATALOG

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

**\*@#GEN. ED REQ. (3)**  
Humanities  
NOTE: REFER TO THE  
2020-21 UNIVERSITY

\*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

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

GENERAL EDUCATION REMINDER: A MULTICULTURAL AND INTERNATIONAL  
REQUIREMENT IS REQUIRED. WE SUGGEST USING  
DOUBLE DIPPER COURSES IN SOCIAL SCIENCE, FINE ARTS OR HUMANITIES.

# B.S. - COMPUTER ENGINEERING 2020-21 CATALOG

## 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 & COURSE  
CO/PREREQS.

**\*@CPE CORE AREA #1**

**COURSE #2 (3)**

NOTE: REQUIRES ADVANCED  
STANDING & COURSE  
CO/PREREQS

**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 & COURSE  
CO/PREREQS.

**\*@CPE CORE AREA**

**#2 COURSE #2 (3)**

NOTE: REQUIRES ADVANCED  
STANDING & COURSE  
CO/PREREQS

**\*@#MATH/SCIENCE**

**PROFESSIONAL**

**ELECTIVE #1 (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 AND EGG  
ELECTIVES

**\*@EE/CPE PROFESSIONAL**

**ELECTIVE #2 (3)**

NOTE: REFER TO APPROVED  
LIST OF EE/CPE AND EGG  
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

**\*@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)

**\*@#MATH/SCIENCE**

**PROFESSIONAL**

**ELECTIVE #2 (3)**

NOTE: REFER TO APPROVED  
LIST OF MATH/SCIENCE

**\*@EE498 (2)**

**PREREQUISITE**

EE 497 & FINAL  
SEMESTER SENIOR

GENERAL EDUCATION REMINDER: A MULTICULTURAL AND INTERNATIONAL  
REQUIREMENT IS REQUIRED. WE SUGGEST USING  
DOUBLE DIPPER COURSES IN SOCIAL SCIENCE, FINE ARTS OR HUMANITIES.

\*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

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