

B.S. - MECHANICAL ENGINEERING 2020-21 CATALOG

FRESHMAN YEAR

FALL
SEMESTER

SPRING
SEMESTER

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

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

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

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

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

***@#ENG 102 (3)**
PREREQUISITE
ENG 101 or

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

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

***@#CAD REQ. (1)**
ME 220 OR ME 240

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

SOPHOMORE YEAR

FALL
SEMESTER

SPRING
SEMESTER

***@#CEE 241(3)**
PREREQUISITE
PHYS 180/L,
MATH 182

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

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

***@#EE 292 (3)**
PREREQUISITE
MATH 182 &
PHYS 180/L or PHYS 151/L

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

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

***@#ME 242 (3)**
PREREQUISITE
CEE 241, PHYS 180/L
& MATH 182

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

***@#ME 301 (3)**
PREREQUISITE
CHEM 121A/L
PREREQUISITE

***@#ME 302/L (4)**
PREREQUISITE
PHYS 180/L, MATH 182
& CEE 241

***@#ME 319/L (2)**
PREREQUISITE
MATH 182

*COURSE OFFERED IN FALL

@COURSE OFFERED IN SPRING

INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO

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. - MECHANICAL ENGINEERING 2020-21 CATALOG

JUNIOR YEAR

FALL
SEMESTER

SPRING
SEMESTER

***#ME 402 (3)**
PREREQUISITE
ME 319/L & MATH 431

%@#ME 330 (2)
PREREQUISITE
ME 242, MATH 431 &
ME 319/L

***@#ME 311 (3)**
PREREQUISITE
PHYS 181/L OR PHYS
182/L

@ME 337 (3)
PREREQUISITE
PHYS 182/L &
EE 292

***ME 440 (3)**
PREREQUISITE
ME 302/L

%*@ ME 380/L (4)
PREREQUISITE
PHYS 182/L, MATH 283,
ME 242, ME 311

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

***@ ME 314 (3)**
PREREQUISITE
ME 311, PHYS 181/L OR
PHYS 182/L &
MATH 431

DESIGN OR LAB
ELECTIVE (1)
See Approved List

Engineering Dynamics
Requirement #1 (3)

% REQUIRES ADVANCED STANDING

SENIOR YEAR

FALL
SEMESTER

SPRING
SEMESTER

Engineering Dynamics
Requirement #2 (3)

***@#CONSTITUTIONAL**
REQUIREMENT
SUGGESTED
***@#PSC 101 (4) OR**
***@#HIST 100 (4)**

***@#ME 315 (1)**
PREREQUISITE
ME 311, ME 314 &
ME 380

ME ELECTIVE #2 (3)
NOTE: REFER TO
APPROVED LIST

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

ME ELECTIVE #3 (3)
NOTE: REFER TO
APPROVED LIST

ME 423L (1)
PREREQUISITE: ME 337

ME ELECTIVE #4 (3)
NOTE: REFER TO
APPROVED LIST

%ME ELECTIVE #1 (3)
NOTE: REFER TO
APPROVED LIST

%*@ME 498 (2)
PREREQUISITE
ME 497

%*@ME 497 (2)
COREQUISITE
SENIOR STANDING
FINAL TWO SEMESTERS

*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.