

Catalog 2018-2019: Bachelor of Science in Engineering Technology

Major: Mechanical Engineering Technology (124 Credits)

Freshman Year

Sophomore Year

Junior Year

Senior Year

General Education Common Core Areas I, IV, & V With Recommendations

College Level
English (4)
ENGL 111G

Oral
Communication (3)
COMM 265G

College Level
Composition (3)
ENGL 218G

Social
Behavioral
Sciences (6)

Humanities
and
Fine Arts (6)

Social Behavioral
or Humanities and
Fine Arts (3)

Math and Science Requirements

PHYS 211G & L
or 215G & L (4)

PHYS 212G & L
or 216G & L (4)

CHEM 110G (4)

MATH 235G or 191
Calc. I for Tech (3)

MATH 236G or 192
Calc. II for Tech (3)

MET Program Requirements

ENGR 100
Intro to Engineering (3)

MATH 121G

PHYS 211G

MATH 235G

ET 240
Statics (3)

ET 241 (fa)
Dynamics (3)

★ ET 110 (fa)
Intro to 3-D
Modeling (3)

ET 217 (sp)
Manufacturing
Processes (3)

217 Lab (1)

ET 190 Applied
Circuits (4)

MATH 190G
ET 262
Software
Technology I (3)

ET 210 (sp)
Intermediate
3-D Modeling (3)

ET 182
Digital Logic (3)

Viewing
a Wider World
Elective I

Approved
Technical
Elective (3)

ET 305 (sp)
Intro to Product
Design (3)

ET 210

ET 217

COMM 265G

ET 310
Strength of
Materials (3)

MATH 235G

ET 240

310 Lab (1)

ET 308
Fluid Technology (3)

PHYS 212G

ET 306 (fa)
Thermodynamics (3)

CHEM 110G

MATH 235G

ET 240

ET 190

308 Lab (1)

306 Lab (1)

Viewing a Wider World
Elective II
From College of Business

Approved
Technical
Elective (3)

A ST 311
Applied Statistics (3)

MATH 120

ET 328 (sp)
Kinematics (3)

ET 210

ET 241

ET 426 (fa)
Machine Elements (3)

ET 210

ET 241

ET 396 (sp)
Applied Heat Transfer (3)

ET 306

IE 451 or CE 450
Engineering Econ. (3)

Approved
Technical
Elective (3)

Senior
Standing

ET 410
Senior Seminar (1)

ET 402
Instrumentation (3)

Graduating
Senior

ET 435
Senior Project (3)

★ 1st MET course

fa - fall only course
sp - spring only course

Pre-requisite
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Co / Pre-requisite
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