

# Catalog 2017-2018: 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 182 Digital Logic (3)

Viewing a Wider World Elective I

Viewing a Wider World Elective II  
*From College of Business*

IE 451 Engineering Econ. (3)

Approved Technical Elective (3)

Approved Technical Elective (3)

Approved Technical Elective (3)

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

ET 210 ET 217 COMM 265G

A ST 311 Applied Statistics (3)

**MATH 120**

ET 328 (sp) Kinematics (3)

Senior Standing

ET 310 Strength of Materials (3)

310 Lab (1)

ET 210 ET 241

ET 426 (fa) Machine Elements (3)

ET 410 Senior Seminar (1)

MATH 235G ET 240

ET 308 Fluid Technology (3)

308 Lab (1)

ET 210 ET 241

ET 396 (sp) Applied Heat Transfer (3)

ET 402 Instrumentation (3)

PHYS 212G

ET 306 (fa) Thermodynamics (3)

306 Lab (1)

ET 306

Graduating Senior

CHEM 110G MATH 235G ET 240 ET 190

ET 435 Senior Project (3)

★ 1<sup>st</sup> MET course

fa - fall only course  
sp - spring only course

Pre-requisite  
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Co / Pre-requisite  
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