

# Catalog 2017-2018: Bachelor of Science in Engineering Technology

## Major: Mechanical Engineering Technology (123 Credits)

### Freshman Year

### Sophomore Year

### Junior Year

### Senior Year

#### HED Common Core (credit count needed)

With Recommendations

College Level English  
*Engl 111 (4)*

Oral Communication (3)  
*Comm 265*

College Level Composition (3)  
*Engl 218G*

Social Behavioral Sciences (6)

Humanities and Fine Arts (6)

Soc Behavioral (3)  
*Econ 251G or Econ 252G*

#### Program Requirements fulfilling HED Laboratory, Science, and Math Areas

Chem 110G (4)

Physics 211 & L or 215 & L (4)

Physics 212 & L or 216 & L (4)

Math 235 or 191 Calc I for Tech (3)

Math 236 or 192 Calc II for Tech (3)

Math 190G

#### ET M Program Requirements

ET 190 Applied Circuits

Math 235

Phys 211

ET 240 Statics

ET 241 (fa) Dynamics

ET 110 (fa) Intro to CAD

ET 217 (sp) Manufacturing Processes

217 Lab

Math 121G

ET 210 (2) (sp) CAD

ET 262 Software Technology I

ENGR 100 (3) Intro to Engineering

ET 182 Digital Logic

Viewing a Wider World Elective I

Viewing a Wider World Elective II  
*From Business College*

#### Graduating Senior

ET 435 Senior Project

Approved Technical Elective (3)

Approved Technical Elective (3)

Approved Technical Elective (3)

ET 328 (sp) Kinematics

A ST 311 Applied Statistics

ET 241

ET 305 (sp) Design for Manufacturing

ET Junior Standing

ET 310 Strength of Materials

310 Lab

ET 426 (fa) Machine Elements

Math 235

ET 240

Math 236

ET 308 Fluid Technology

308 Lab

Phys 212

ET 306 (fa) Thermodynamics

306 Lab

ET 396 (sp) Applied Heat Transfer

Chem 110

Math 235

ET 240

ET 190/191

ET 396

ET Senior Standing

CE 450 or IE 451 Engineering Econ and Law

ET 410 (1) Senior Seminar

ET 402/ET 422 Instrumentation/ Mech. Measurements

fa - fall only course  
sp - spring only course

Pre-requisite →

Co / Pre-requisite →