

Catalog 2014-2015: Bachelor of Science Engineering Technology

Major: Mechanical Engineering Technology

Freshman Year

Sophomore Year

Junior Year

Senior Year

HED Common Core (credit count needed)

With Recommendations

College Level
English(3)
Engl 111G

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 &
211L(4)

Physics 212 &
212L(4)

Math 190
Pre Calc (4)

Math 235
Calc I for Tech (3)

Math 236
Calc II for Tech (3)

Program Requirements

ET 183 & 183L
Applied
DC Circuits

ET 184 & 184L
Applied
AC Circuits

Math
235

Phys
211

Math
235

ET 240
Statics

ET 241(fa)
Dynamics

ET 182
Digital Logic

ET 110(fa)
Intro to CAD

ET 217(sp)
Manufacturing
Processes

217 Lab

Math
190

ENGR 100
Intro to
Engineering

ET 210(sp)
CAD

ET 262
Software
Technology I

Viewing
a Wider World
Elective

Viewing
a Wider World
Elective (From Mgt)

Approved
Technical
Elective (3)

Approved
Technical
Elective (3)

ET 328(sp)
Kinematics

A ST 311
Statistical
Applications

ET
241

ET
210

Math
120

ET 310
Strength of
Materials

310 Lab

Math
235

ET
240

ET
241

ET 308
Fluids

308 Lab

ET 306(fa)
Thermo

306 Lab

Chem
110

Math
235

ET
240

ET
183L

ET426(fa)
Machine Elements

PHYS
212

Math
236

ET
396

ET 396(sp)
Heat Transfer

ET
396

Graduating Senior

ET 435
Senior Project

Approved
Technical
Elective (3)

Mgt, Bus, Mark,
or upper Math
Elective (3)

ET 305(sp)
Design for
Manufacturing

ET
210

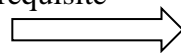
ET Senior
Standing

IE 451
Engineering
Economy

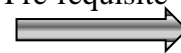
ET 410
Senior Seminar

ET 422 or ET 402
Instrumentation

Pre-requisite



Co / Pre-requisite



fa - fall only course
sp - spring only course