BACHELOR OF SCIENCE IN ENGINEERING TECHNOLOGY 2018-2019

FRESHMAN

Fall

MATH 1730
College Algebra & Trigonometry
(4)

ENGR 1009
Prep Math for Engr.
(3)

TECH 1411
Introduction to Technology
(1)

TECH 1010
Computer Applications
(3)

TECH 1711
Manufacturing Processes I
(3)

Spring

MATH 1910
Calculus I
(4)

TECH 1521
Graphics/Des. Geometry
(3)

TECH 1811
Electronic Circuit Technology
(3)

TECH 1211
Computer Programming
(3)

Fall

TECH 3044
Analysis for Engr. Tech.
(4)

PHYS 2010/2021
Physics I
(4)

CHEM 1010/1011
Chemistry
(4)

TECH 2822
Circuit Analysis
(4)

TECH 2821
Solid-State Technology
(3)

Spring

ENGL 3603 & COMM 2381

Field of Study Sequence 1

(9 – 19)
Check catalog for prerequisites
ALL Pre-Engineering Technology courses must be completed prior to enrollment in the Elective sequences.

Field of Study Sequence 2

(9 – 19)
Check catalog for prerequisites
ALL Pre-Engineering Technology courses must be completed prior to enrollment in the Elective sequences.

JUNIOR

Fall

TECH 3440
Project Plan / Cost Evaluation
(3)

PHYS 2010/2021
Physics II
(4)

ENGL 3603
Engineering Communications
(3)

TECH 4381
Principles of Supervision
(3)

TECH 4401
Science/Tech. / Society
(2)

TECH 4943
Senior Project Planning
(1)

TECH 4945
Senior Project
(2)

Spring

TECH 4462
Quality Improvement
(3)

ENGL

Total Credit Hours: 125-128

Notes:
1. University of Memphis residency requires a minimum of 60 semester hours from accredited 4-year institutions.
2. College of Engineering residency requires that 30 of the last 60 hours earned be upper division hours in the College of Engineering.
3. Minimum 2.0 GPA (Overall and U of M) required for graduation.
4. Must earn a grade of "C-" or better in all required MATH and TECH courses and ENGL 1010, 1020, 3603.
Also pertains to any course substitutions.
5. Complete a minimum of two Elective Course Sequences, selected in consultation with advisor.
6. Immediate prerequisites for core course requirements shown — other prerequisites may exist. Check the current catalog and observe prerequisites when enrolling for courses.

Pre-Engineering Technology Courses
Gen. Ed. Electives
Field of Study
Core Courses
Total Credit Hours: 125-128

April 2017