FIRE PROTECTION AND SAFETY ENGINEERING TECHNOLOGY

125 Semester Hours

2019-2020

Preparatory Courses

Name: ____________________________
Advisor: _________________________

School of Fire Protection and Safety Engineering Technology

Freshman Fall 16
CHEM 1414 General Chemistry I
Grade Sem

Freshman Spring 17
POLS 1113 American Government
Grade Sem

Sophomore Fall 16
STAT 2013 Industrial Hygiene
Grade Sem

Sophomore Spring 15
FPST 2434 Fluid Mech for FP
Grade Sem

Major Requirements

Year 1

Fall 16
MATH 2123-2144
Cal for Technology I
Grade Sem

Spring 17
CHEM 1414 General Chemistry I
Grade Sem

Year 2

Fall 16
ENGR 1322 or CMT 2253
Grade

Spring 15
ENSC 2113 Statics
Or GENT 2323
Grade

College/Program Requirements.

1. Engineering or Engineering Science 11 hrs:
   ENGR 13x2 or MET 1153, ENSC 2113 or GENT 2323, ENSC 2213 or MET 3433 or GENT 4443, and ENSC 2613 or PHYS 1214 or 2114.

2. Specialty 18 hours:
   FPST 1213, 1373, 2023, 2243, 2343, and 2483.

3. Specialty Electives 6 hrs. Chosen from:
   CMT 4443, FEMP 3103, 3733, 3763, MGMT 3133
   FPST or FSEP courses not used elsewhere.
   ENSC courses not used elsewhere (except ENSC 2213 if MET 3433 is used for Engineering Science Requirements).
   MET 3433 (Cannot be used if ENSC 2213 or MET 3433 is used for Engineering Science Requirements).
   MET 4433 (Cannot be used if MET 4433 is used for Engineering Science Requirements).

4. Fire Protection and Safety Engineering Technology 125 Semester Hours

5. Preparatory Courses

6. Controlled Electives 6 hrs: At Least 6 Upper-Division hours from:
   FPST 3113, 3383, 4383, 4233, FRNS 5143, CMT 4443.

NOTE: This flow chart is for planning purposes only. Students will be held responsible for degree requirements in effect at the time of matriculation (date at first enrollment) & any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
PREREQUISITES

Year 3

Junior Fall 16
CHEM 1414, MATH 2133 or 2153, STAT 2013, MET 3433 or ENSC 2213 or MET 4433, FPST 2483
ENGR 1322, FPST 1213, FPST 1373, FPST 2243
FPST 2023, STAT 2013, GENT 2323 or ENSC 2113
CHEM 1414, FPST 2023, FPST 2343
PHYS 1114
ENGL 3323, FPST 3013
MATH 2123
STAT 2013, FPST 2023, MATH 2123 or 2144
ENGL 3323, MET 3433 or 4433 OR ENSC 2213, 2143, 3313

Junior Spring 15
FPST 3143 Structure Design
Grade Sem
FPST 3213 Human Factors
Grade Sem
FPST 3013 Safety Management
Grade Sem
MET 3433/4433 Or ENSC 2213 Thermodynamics
Grade Sem
ENGL 3323 Technical Writing
Grade Sem
“S” Elective _ _ _ 3 Social Sciences
Grade Sem

Senior Fall 17
FPST 3373 Fire Dynamics
Grade Sem
FPST 4143 Vent & Smoke Control
Grade Sem
FPST 4403 HazMat Incident Mgmt
Grade Sem
FPST 4982 Fire & Safety Pjt I
Grade Sem
FPST 30013 Management
Grade Sem
FPST 4992 Fire & Safety Pjt II
Grade Sem

Senior Spring 14
UPPER DIVISION _ _ _ 3 Control Elective
Grade Sem
UPPER DIVISION _ _ _ 3 Control Elective
Grade Sem
UPPER DIVISION _ _ _ 3 Control Elective
Grade Sem

Graduation Requirements:
1. A grade of ‘C’ or better is required in each course that is a prerequisite to a required course that has an engineering or engineering technology prefix.
2. A minimum overall GPA of 2.5 is required in all courses that are used in this degree plan with engineering or engineering technology prefixes.

Additional State/OSU Requirements:
1. At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU
2. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
3. Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
4. Degrees that follow this plan must be completed by the end of Summer 2025.