

# FIRE PROTECTION AND SAFETY ENGINEERING TECHNOLOGY

Oklahoma State University  
College of Engineering, Architecture & Technology

125 Semester Hours

2024-2025

Year 1

Year 2

College/Program Requirements.

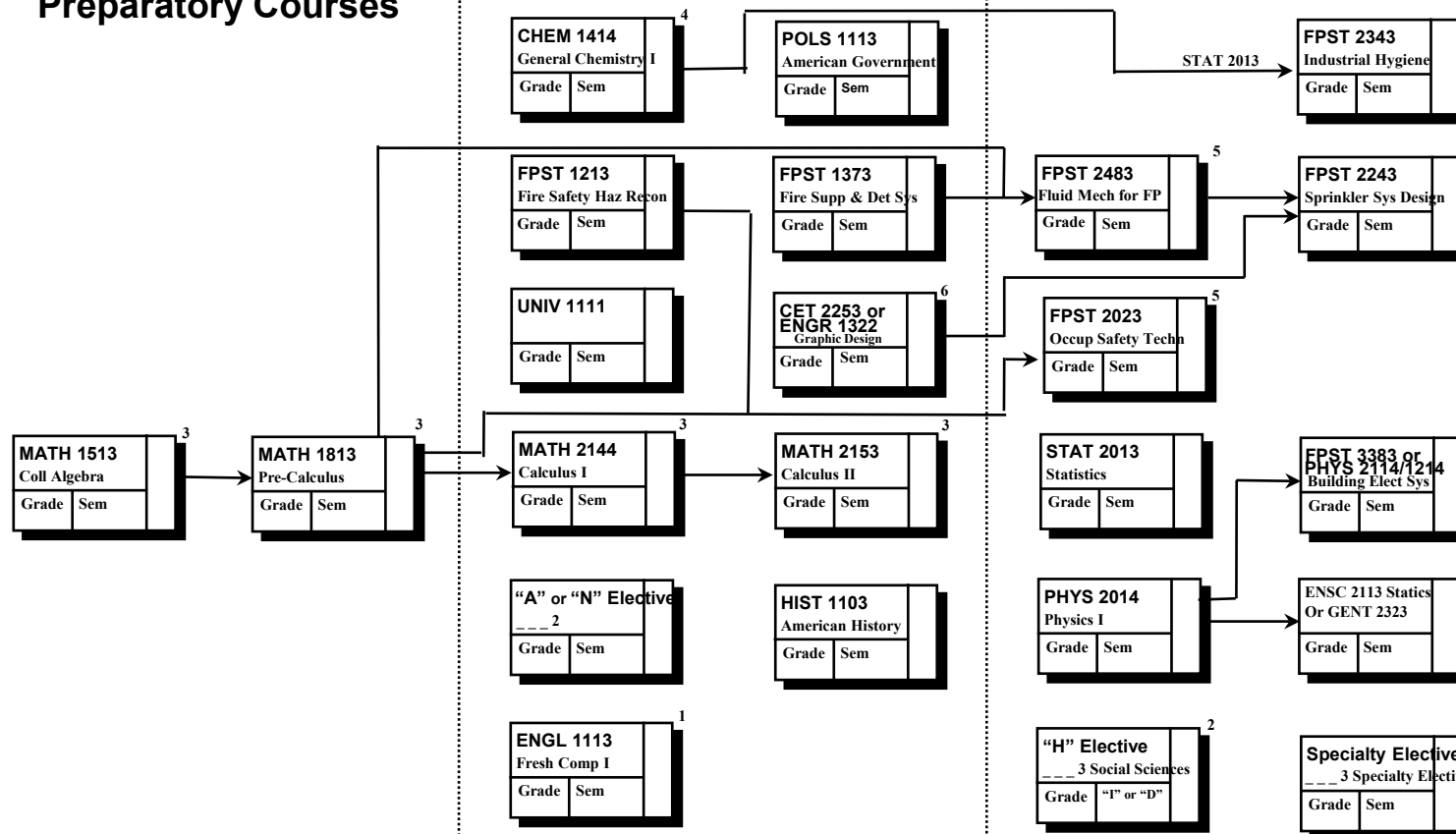
Freshman  
Fall  
17

Freshman  
Spring  
15

Sophomore  
Fall  
16

Sophomore  
Spring  
16

## Preparatory Courses



• **Engineering or Engineering Science 11 hrs:** ENGR 1322 or CET 2253, ENSC 2113, ENSC 2213 or MET 3433 or MET 3453.

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

• **Specialty Electives 6-7hrs. (see note 6) 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 3453 (Cannot be used if MET 3453 is used for Engineering Science Requirements).

• **Major Requirements:** FPST 3013, 3143, 3213, 3373, 4143, 4333, 4403, 4683, 4982, 4992, ENSC 2143 or 3313, STAT 2013 or 4013, or 4033, and IEM 3503 or 3513.

• **Controlled Electives 9hrs:** At Least 9 Upper-Division hours from: FPST 3113, 3383, 3611, 6321, 3631, 4213, 4383, 4233, 4153, FRNS 5143, CET 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.

1. Students with less than a "B" in ENGL 1113, 1313, or 1123 must take ENGL 1213 or 1413; **and may not choose ENGL 3323 as a substitution for ENGL 1213.**
2. At least 6 hours designated (H) and at least 3 hours designated (S). Students must also meet the International Dimension "I" and Diversity "D" requirement.
3. ALEKS Exams for Mathematics Classes: Students are required to take an online examination using a system named ALEKS. The following website describes the exam, how to login and other details. Please read all of this page before going to the link to the exam. Refer to the OSU Math Department website: <http://placement.okstate.edu/math>
4. Students can take CHEM 1414, or CHEM 1314 and CHEM 1515, or CHEM 1215 and 1225.
5. FPST 2023 and 2483 require students to have either successfully completed the MATH preparatory courses or obtained the ALEKS score required to be admitted to MATH 2144. Refer to the OSU Math Department website: <http://placement.okstate.edu/math>.
6. Students who take ENGR 1322 will need to take 1 additional hour of specialty elective.

# FIRE PROTECTION AND SAFETY TECHNOLOGY

125 Semester Hours

2024-2025

Oklahoma State University  
College of Engineering, Architecture & Technology

Name: \_\_\_\_\_

Advisor: \_\_\_\_\_

Year 3

Year 4

## PREREQUISITES

FPST 2343, FPST 2483, FPST 3373

CHEM 1414, MATH 2133 or 2153, STAT 2013, MET 3433 or ENSC 2213 or MET 3453, FPST 2483

FPST 1213, FPST 1373

FPST 2023, STAT 2013, GENT 2323 or ENSC 2113

STAT 2013, FPST 2023, MATH 2144

MATH 2144

CHEM 1414, FPST 2023, FPST 2343

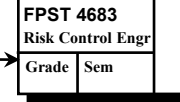
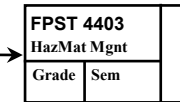
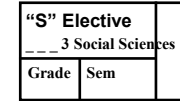
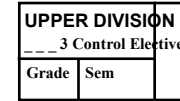
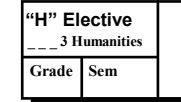
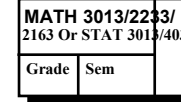
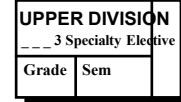
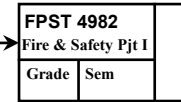
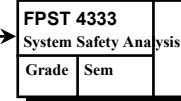
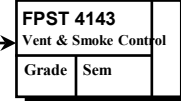
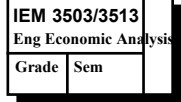
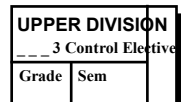
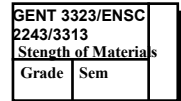
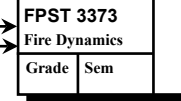
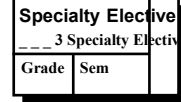
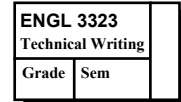
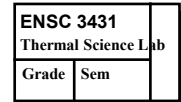
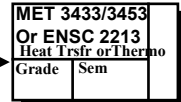
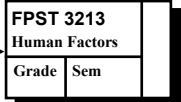
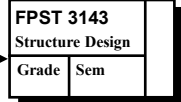
FPST 2023, FPST 2343, FPST 2243, FPST 3373, FPST 4982, ENGL 3323, and Department Permission

Junior  
Fall  
16

Junior  
Spring  
15

Senior  
Fall  
17

Senior  
Spring  
14



### 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 grade of 'C' or better is required in FPST 4683 and FPST 4992 or 4994.
3. A minimum overall GPA of 2.0 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.