

**2013-2014 DEGREE REQUIREMENTS - FIRE PROTECTION & SAFETY TECHNOLOGY - FPST**

**NAME:** \_\_\_\_\_

**GRADUATION DATE:** \_\_\_\_\_

**STUDENT NUMBER:** \_\_\_\_\_

D - Approved Deviation

E - Equivalent Course

X - Completed as Required

**Pre-Professional School Requirements**

Course	Number	Title	Grade	Status	Comments
ENGL	1113/1313	Freshman Composition I	3		
ENGL	1213/1413	Freshman Composition II			Only Required if "C" or less in Comp I
HIST	1103	American History	3		
POLS	1113	American Government	3		
SPCH	2713	Speech Communication (S)	3		
MATH	1613/1715	Trigonometry	3		or MATH 2233 or MATH 3263
MATH	2144/2123	Calculus I/Calculus for Tech I	3		
MATH	2153/2133	Calculus II/Calculus for Tech II	3		
PHYS	1114/2014	General Physics I	4		
PHYS	1214/2114	General Physics II	3		or ENSC 2613
CHEM	1414	General Chemistry for Engineers	4		or (CHEM 1314 and 1515)
ENGR	1412	Engineering Computer Programming	2		or CS 1103 or EET 1003
GENT	1153	Engineering Design Graphics/CAD	2		or ENGR 1322 or 1332 or 1342 or 1352 or CMT 2203
GENT	2323	Statics	3		or ENSC 2113
FPST	1213	Fire Safety Hazards Recognition	3		
FPST	1373	Fire Suppression & Detection Systems	3		
FPST	2023	Occupational Safety Techniques	3		
FPST	2243	Automatic Fire Suppression Systems	3		
FPST	2344	Elements of Industrial Hygiene	4		
FPST	2483	Water Supply Hydraulics for Fire Protection	3		

**Accepted to Professional School Date:** \_\_\_\_\_

**GPA:**

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**Professional School Requirements**

CHEM	3013	The Chemistry of Organic Compounds	3		
IEM	3513	Economic Decision Analysis	3		or IEM 3503
ENGL	3323	Technical Writing	3		
STAT	2013/4013/4033	Statistics	3		
GENT	3433	Thermodynamics	3		or ENSC 2143 or 2213 or 3313 or GENT 3323 or 4433
MGMT	3013	Management	3		or IEM 4413
FPST	3013	Industrial Safety Organization	3		
FPST	3143	Structural Designs for Fire & Life Safety	3		
FPST	3213	Human Factors in Accident Causation	3		or FPST 3113
FPST	3373	Fire Dynamics	3		
FPST	4143	Industrial Ventilation and Smoke Control	3		replaces FPST 4133
FPST	4333	System Safety Management	3		
FPST	4403	Hazardous Materials Incident Management	3		
FPST	4684	Industrial Loss Prevention	4		
FPST	4993	Advanced Fire & Safety Problems	3		
		Specialty Elective (3 hr)	3		
		Specialty Elective (3 hr)	3		
		UD Controlled (3 hr)	3		
		UD Controlled (3 hr)	3		
		Humanities (3 hr) (H)	3		Any course designated (H)
		Humanities (3 hr) (H)	3		Any course designated (H)
		Social Science (3 hr) (S)	3		Any course designated (S)
		International Dimension (I)			Any course designated (I)
		Diversity (D)			Any course designated (D)

Minimum of 40 hours must be upper division

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Department Head: \_\_\_\_\_

Date: \_\_\_\_\_

Director, Div. of Engr. Tech: \_\_\_\_\_

Date: \_\_\_\_\_

Dean: \_\_\_\_\_

Date: \_\_\_\_\_



**COLLEGE OF ENGINEERING, ARCHITECTURE & TECHNOLOGY**  
**OKLAHOMA STATE UNIVERSITY**

Requirements for Students Matriculating in or before Academic Year 2013-2014

**BACHELOR of SCIENCE in ENGINEERING TECHNOLOGY**

**MAJOR: Fire Protection and Safety Technology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 125**

*(Cumulative Graduation/Retention GPA), other GPA requirements see below.*

<b>GENERAL COURSES: 25 HOURS</b>			<b>MAJOR REQUIREMENTS: 58 HOURS</b>		
Area	Hours	To be selected from:	Area	Hours	To be selected from:
English Composition & Oral Communication	3	ENGL 1113 or 1313*	Basic Science	3	CHEM 3013
American History & Government	6	HIST 1103, POLS 1113	Mathematics	3	STAT 2013 or 4013 or 4033
Analytical & Quantitative Thought (A)	9	(MATH 1613 or 2233) or (1715 or 3263); MATH 2123 or 2144; 2133 or 2153	Specialty	28	FPST 3013, 3143, 3213, 3373 (must be taken in junior year), 4143, 4333, 4403, 4684, 4993
Natural Sciences (N)	4	CHEM 1414 or (CHEM 1314 and 1515)	Related Specialty	6	(MGMT 3013 or IEM 4413) and (IEM 3503 or 3513) (both must be taken in junior year)
Social & Behavioral Sciences (S)	3	SPCH 2713	Specialty Electives	6	Choose from AVED 4113, CIVE 3813, CMT 4443, ECON, 3903, ENGR 4123, ENSC courses not used elsewhere, FPST courses not used elsewhere, GENT 4433, HHP 2323, 2603(S), 3613, IEM 5943, POLS 3733, 3813, 3893, 4363, 4403
Diversity (D)	--	Any course designated (D). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
International Dimension (I)	--	Any course designated (I). Students are encouraged to meet the requirement in their selection of (H) or (S) course work.			
Scientific Investigation (L)	--	Any course designated (L). Normally met by Natural Sciences and/or Basic Science requirements.	English Composition & Oral Communication	3	ENGL 3323*
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 36 HOURS</b>			Social & Behavioral Sciences (S)	3	Any course designated (S). Consult the college & department requirements.
Basic Science	7	(PHYS 1114 or 2014); (PHYS 1214 or 2114 or ENSC 2613)	Humanities (H)	6	Any courses designated (H). Consult the college & department requirements.
Engineering	4	(CMT 2203 or ENGR 1322 or GENT 1153); (ENGR 1412 or CS 1103 or EET 1003)	<b>CONTROLLED ELECTIVES: 6 HOURS</b>		
Engineering Science	6	(ENSC 2113 or GENT 2323) and (ENSC 2213 or GENT 3433) or (ENSC 2143 or GENT 3323 or ENSC 3313)	Select 6 upper-division hours from: AVED 4413, 4423 4433, 4943, 4983 BCOM, CHEM, CS, Engineering, LSB, ENSC not used elsewhere, MATH (except MATH 3403 or 3603), MGMT (except MGMT 3943), PHYS, SDEV 3013, STAT, Technology, SPCH 3733, ZOOL 3204, 5323, or, if not used above AVED 4113, ECON 3903, POLS 3733, 3813, 3893, 4363, 5343, 5633, 5643, EEE 4483		
Specialty	19	FPST 1213, 1373, 2023, 2243, 2344, 2483			

Note: All General Education coursework requirements are satisfied upon completion of this degree plan.

Graduation Requirements:

1. A grade of 'C' or better is required in FPST 4993, MGMT 3013, ENGL 3323, and courses with MATH, CHEM, or PHYS prefixes.
2. A minimum 2.8 GPA is required in all courses with engineering or engineering technology prefixes.

Additional State/OSU Requirements – 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. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

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. Degrees that follow this plan must be completed by the end of Summer 2019.

\*If a "B" or higher is not earned in ENGL 1113 or 1313, ENGL 1213 or 1413 is also required (per Academic Regulation 3.5).

Signature on file in the Office of the Registrar

Department Head

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

Dean

Director