

BSET Fire & Safety Engineering Technology Checksheet

Fire Safety Concentration

Rev: Original
Catalog Date: 2022-2023

Last Name: _____
First Name: _____
Student ID: _____

<u>SEM & YR</u>	<u>Course #</u>	<u>Course Name</u>	<u>Hr</u>	<u>Grade</u>	<u>Pre/Co-Requisites</u>	<u>Comments</u>
Freshman - Fall						
_____	ETFS 1220	Intro to Fire Protection and Prevention ^(b)	3	_____		<input type="text"/>
_____	ETFS 1252	Fire Protection & Safety Law ^(b)	3	_____		_____
_____	ETGR 1100L	ET Computer Applications ^(b)	1	_____		_____
_____	ETGR 1101	Introduction to ET & CM ^(b)	1	_____	<i>MATH 1100</i>	_____
_____	MATH 1100	College Algebra and Probability ^(b)	3	_____		_____
_____	UWRT 1103	Writing & Inquiry in Academic Contexts I & II ^l	3	_____		_____
		Total	14			

Freshman - Spring						
_____	ETFS 1244	Water Based Fire Suppression ^(b)	3	_____		_____
_____	ETGR 1103	Technical Drawing I ^(b)	3	_____		_____
_____	ETGR 2230	Occupational Safety ^(b)	3	_____		_____
_____	LBST 110X	Arts & Society ^(b)	3	_____		_____
_____	MATH 1103	Precalc Math for Sci. & Eng. ^(b)	3	_____	<i>MATH 1100</i>	_____
		Total	15			

Sophomore - Fall						
_____	ETFS 2132	Building Construction for Fire Protection	3	_____		_____
_____	LBST 2XXX	LBST 2101, 2102 or 221X	3	_____		_____
_____	PHYS 1101	Introductory Physics I	3	_____	<i>MATH1103</i>	_____
_____	PHYS 1101L	Introductory Physics I	1	_____	<i>PHYS1101</i>	_____
_____	POLS 3126	Introduction to Public Administration	3	_____		_____
_____	Social Science:	ANTH 1101; GEOG 1105; POLS 1110; ECON 1101 or 2101; SOCY 1101	3	_____		_____
		Total	16			

Sophomore - Spring						
_____	ETFS 2126	Fire Investigation and Forensics	3	_____		_____
_____	ETFS 2264	Intro to Fire Behavior	3	_____		_____
_____	LBST 2XXX	LBST 2101, 2102 or 221X	3	_____		_____
_____	POLS 3119	State and Local Government	3	_____		_____
_____	CHEM 12XX	Chemistry Elective	3	_____	<i>MATH1103</i>	_____
		Total	15			

Course in *italics* can be taken as a pre or co requisite

Course in **bold** must be taken as a co requisite

* = grade of C or better required in prerequisite course

Footnotes:

(a) Major elective courses are chosen jointly by student and advisor from the course list approved by the Department as major electives. Other courses related to the student's professional interests and career goals may be considered but all such requests to take alternative major elective courses must be approved in writing by the ETCM Department.

(b) These courses must be completed with a grade of C or better.

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Junior - Fall						
_____	ETFS 3113	Fire Safety in the Built Environment (W)	3	_____		_____
_____	ETFS 3124	Risk Management	3	_____		_____
_____	ETGR 3222	Engineering Economics	3	_____		_____
_____	STAT 1220	Elements of Statistics I	3	_____	MATH1100	_____
_____	Directed Elective	PSYC 2171 or PSYC 3174 or Advisor Approve	3	_____	PSYC 1101 (for 2171) or PSYC 2171 (for 3174)	_____
			Total	15		
Junior - Spring						
_____	ETFS 3103	Fire Dynamics	3	_____	ETFS 2264	_____
_____	ETFS 3103L	Fire Dynamic Lab (W)	1	_____	<i>ETFS 3103</i>	_____
_____	ETFS 4123	Community Threat Assessment & Mitigation	3	_____		_____
_____	ETGR 2106	Electronic Circuits & Devices	3	_____	MATH1103	_____
_____	ETGR 4303	Applied Ergonomics & Human Factors	3	_____	ETGR 2230, MATH 1100 or higher, PHYS 1101 or higher.	_____
_____	LBST 2301	Critical Thinking and Communication	3	_____		_____
			Total	16		
Senior - Fall						
_____	ETFS 3144	Active Fire Protection	3	_____		_____
_____	ETFS 3150	Adult Learning Theory in Safety	1	_____		_____
_____	ETFS 4323	Advanced Fire Service Administration	3	_____		_____
_____	ETGR 3295	Multidisciplinary Professional Development	1	_____	Junior or Senior standing	_____
_____	ETGR 4301	Environmental Pollution Control	3	_____	ETGR 2230, CHEM 1200 or higher, MATH 1100 or higher, PHYS 1101 or higher.	_____
_____	Major Elective	_____	3	_____		_____
			Total	14		
Senior - Spring						
_____	ETFS 3123	Industrial Hazards and Electricity	3	_____		_____
_____	ETFS 4272	Capstone (W, O)	3	_____	Senior standing in FSET major	_____
_____	ETGR 4302	Industrial Hygiene	3	_____	ETGR 2230, CHEM 1200 or higher, MATH 1100 or higher, PHYS 1101 or higher.	_____
_____	Major Elective ^(a)	_____	3	_____		_____
_____	Major Elective ^(a)	_____	3	_____		_____
			Total	15		

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Community College: _____
 Degree Program: _____

Community College Prerequisites

UNC Charlotte General	UNC Charlotte			NCCCS Acceptable Course	Course	Grade	MET
	Hrs	Course	Grade				
English Composition and/or Technical Writing	3	UWRT 1103		ENG 111, 112, 113, 114			NO
College Algebra	3	MATH1100		MAT 171			NO
Pre-calculus	3	MATH 1103		MAT 172, 175			NO
Physics with Lab	3	PHYS 1101		PHYS 151, 251			NO
	1	PHYS 1101L					NO
Chemistry	3	CHEM 12XX		CHM 151			NO
Introduction to Fire Protection & Prevention	3	ETFS 1220		FIP 120 and			NO
				FIP 124			NO
Water Based Fire Suppression	3	ETFS1244		FIP 146 or FIP 232			NO
Fire Protection & Safety Law	3	ETFS 1252		FIP 152			NO
Fire Investigation	3	ETFS 2126		FIP 128			NO
Building Construction	3	ETFS 2132		FIP 132			NO
Introduction to Fire Behavior	3	ETFS 2264		FIP 229 or FIP 264			NO
State & Local Government	3	POLS 3119		FIP 228			NO
Introduction to Public Administration	3	POLS 3126		FIP 248			NO
Occupational Safety	3	ETGR2230		FIP 164 or ISC 121			NO
Computer Literacy	1	ETGR 1100L		CIS 110 or CIS 111			NO
Computer Aided Drafting	3	ETGR 1103		CIV 125, ARC 114, CEG 151, EGR 120, DFT 151			NO
Other FSET-FS Specific / Technical Classes							

Electronic Circuits and Devices 3 ETGR 2106 ELC 131
 Organizational Psychology 3 PSYC 2171 PSY 234