

BSET Fire & Safety Engineering Technology Checksheet

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

Rev: May-25
 Catalog Date: 2025-2026

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 Community College: _____
 Degree Program: _____

Upper-Level Courses							
	SEM & YR	Course #	Course Title	Hrs	Grade	Prerequisites	Comments
	ETFS 3141	Fire Safety in Constructed Facilities	3				
	ETFS 3144	Active Fire Protection	3				
	ETFS 2230	Hazardous Materials	3				
	ETFS 2230L	Hazardous Materials Lab	1		ETFS 2230		
	ETGR 2230	Occupational Safety	3				
Total: 16							
Junior Spring		ETFS 3103	Fire Behavior	3			
		ETFS 3103L	Fire Behavior Lab	1		ETFS 3103	
		ETFS 3123	Industrial Hazards & Electricity	3			
		ETFS 3124	Risk Management	3			
		ETFS 2220	History of Fire in the US	3			
		ETFS 3695	Fire Safety Prof Development Seminar	1			
	Total: 14						
Senior Fall		ETFS 4323	Advanced Fire Service Admin	3			
		ETGR 4301	Environmental Pollution Control	3		CHEM 1200 or higher, MATH 1100 or higher	
		PSYC 2320	Intro to Industrial/Organizational Psychology	3		PSYC 1101*	
		Major Elective	Refer to DegreeWorks for list of electives (b)	3			
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	Total: 15						
Senior Spring		ETFS 4123	Community Threat Assessment & Mitigation	3			
		ETFS 4272	Fire and Safety Capstone	3		Senior standing in FSET major	
		ETFS 4901	Fire Safety Res. & Data Analy	3			
		ETFS 4280	Wildland Fire in America	3			
		Major Elective	Refer to DegreeWorks for list of electives (b)	3			
	Total: 15						

Community College Prerequisites

UNC Charlotte General		UNC Charlotte		NCCCS Acceptable Course		Course	Grade	MET
Hrs	Course	Hrs	Course	Grade				
3	English Composition and/or Technical Writing	WRDS 1103			ENG 111, 113, 114			NO
3	College Algebra	MATH 1100			MAT 171			NO
3	Statistics	STAT 1222			MAT 151, 152, 155			NO
3	Physics with Lab	PHYS 1101			PHYS 151, 251			NO
1		PHYS 1101L						NO
3	Introductory Chemistry	CHEM 12XX			CHM 151			NO
3	Introduction to Fire Protection	ETFS 1120			FIP 120			NO
3	Water Based Fire Suppression	ETFS 1244			FIP 146 or FIP 232			NO
3	Fire and Municipal Financial Ops	ETFS 2128			FIP 228			NO
3	Fire Protection & Safety Law	ETFS 1152			FIP 152			NO
3	Fire Service Community Relations	ETFS 2256			FIP 256			NO
3	Fire Investigation & Forensics	ETFS 2126			FIP 128			NO
3	Intro to Fire Prevention	ETFS 2124			FIP 124			NO
3	Building Construction	ETFS 2132			FIP 132			NO
3	Technical Drawing	ETGR 1103			CIV 125, ARC 114, CEG 151, EGR 120, DFT 151			NO

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) DegreeWorks will state which course(s) you still need to complete the requirement. Please follow DegreeWorks when registering for general education theme courses.
 (b) 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.
 (c) These courses must be completed with a grade of C or better.