

ENFP350 Professional Development Seminar

Credits: 1 credit

Instructor: Stanislav I. Stoliarov

Textbook: None required

Specific course information:

1. Catalog Description: This course is designed to inform students about the profession of fire protection engineering and help them select career path. The topics covered include professional licensing, engineering ethics, codes and standards, and various contemporary issues of fire safety science and technology.
2. Prerequisites: None
3. Required Course

Specific goals for the course:

1. Upon completion of this course, students should be able to:
 - Demonstrate an understanding of various career paths that exist in fire protection engineering field
 - Understand the steps that must be taken to obtain Professional Engineer license
2. This courses focuses on one SO:
 - SO6 – An understanding of professional and ethical responsibility.
 - SO9 – A recognition of the need for, and an ability to engage in life-long learning.

Brief list of topics:

The class meetings consist of presentations by guest speakers from government, academia, the private sector, and associations. An example of invited speaker schedule is provided on the next page.

Date	Speaker	Subject
February 2	Stanislav Stoliarov	Course Overview
February 9	Dr. Vincent Brannigan, UMD	Ethics in Engineering
February 16	Daniel Gorham, NFPA	FPE: A Young Engineer's Perspective
February 23	Cameron Novak, ATF	Fire Investigation and Forensic Engineering
March 1	Chris Jelenewicz, SFPE	Licensure of FPE's (PE Exam)
March 8	Diana Hugue, Jensen Hughes	A Day in the Life of a Code Consultant
March 15	Spring Break	Spring Break
March 22	Amy Murdock, Code Consultants	Fire Protection and Life Safety Consultation: Problem Solving to the n-th degree
March 29	Ray Grill, Arup	Fire Protection Engineering – A Consulting Perspective
April 5	David Moore, AcuTech	AcuTech Overview
April 12	Mat Chibbaro, NIH	NIH Division of the Fire Marshal and FPEs in Code Enforcement
April 19	Stacy Welch, Marriott	A Current Approach to Hotel Fire Protection
April 26	Mark Salley, NRC	Risk-Informed Approach to Fire Protection
May 3	Thomas Long, Exponent	Forensic Fire Protection Engineering Consulting
May 10	Presentation of Student Videos	