

SAFETY TECHNOLOGY (SFT)

SFT 536 Safety Ed for Elem Teachers	1 Credit hour	
Grade Mode: Normal Grading Mode		
SFT 540 Indust Fire Protection	3 Credit hours	
An introductory course that explores the relationship between engineering and fire prevention. Topics include: water supplies, sprinkler systems, behavior of fire and materials, fire protection, fire extinguishers, and other systems.		
Grade Mode: Normal Grading Mode		
SFT 553 International Safety & Health	3 Credit hours	
The course covers the impact of globalization on worldwide safety and health programs, and a wide variety of safety and health programs for various countries and multi-national organizations.		
Grade Mode: Normal Grading Mode		
SFT 554 Indust Hygiene I	3 Credit hours	
Environmental protection as related to industrial settings. Air/water quality, noise and chemical pollution and hazardous material control.		
Grade Mode: Normal Grading Mode		
SFT 555 Environmental Prog/Sampling	3 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 558 Hospital Safety	3 Credit hours	
The course covers the various aspects of safety and health in professional health care services.		
Grade Mode: Normal Grading Mode		
SFT 561 Workers Compensation	3 Credit hours	
Introductory principles of workers' compensation and how it relates to the safety professional.		
Grade Mode: Normal Grading Mode		
SFT 565 Incident Investigation Tech	3 Credit hours	
An introductory course in accident investigation designed to give insight into the recognition and collection of evidence, collection and recording data and reconstructing the accident based on the facts.		
Grade Mode: Normal Grading Mode		
SFT 575 System Safety Engineering	3 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 580 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 581 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 582 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 583 Special Topics	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 585 Independent Study	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 586 Independent Study	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 587 Independent Study	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 589 Process Safety Mgmt	3 Credit hours	
A study of the latest industrial safety information which will assist the student in designing a program to reduce or eliminate all incidents which downgrade the system.		
Grade Mode: Normal Grading Mode		
SFT 591 Workshop	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 592 Workshop	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 593 Workshop	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 594 Workshop	1-4 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 597 Occup Sft & Health Prog Dev	3 Credit hours	
Safety functions in industry. Principles of organization and application of safety programs. Prevention, correction, and control methods are outlined and evaluated.		
Grade Mode: Normal Grading Mode		
SFT 599 Dev & Mgt of Occup Safety Prog	3 Credit hours	
A study of safety programs at the state and local levels including the administrative, instructional, and protective aspects of a comprehensive safety program in schools, occupations, home and public.		
Grade Mode: Normal Grading Mode		
SFT 601 Safety in Transportation	3 Credit hours	
Concerned with safe, efficient movement of people and goods. Involves highway, air, water, pipeline, and rails.		
Grade Mode: Normal Grading Mode		
SFT 606 Field Esp Safety Specialist	3 Credit hours	
Grade Mode: Normal Grading Mode		
SFT 610 Intro to Prof Safety & Health	3 Credit hours	
An analysis of the educational philosophies and the application of these philosophies to occupational safety. A study of the effect of occupational safety on modern living.		
Grade Mode: Normal Grading Mode		
SFT 630 Current Lit & Res in Safety	3 Credit hours	
An analysis and study of selected works of national and international authors concerning significant works in Occupational Safety.		
Attributes: No Textbook Required		
Grade Mode: Normal Grading Mode		
SFT 645 Saf Engineering Equip Design	3 Credit hours	
The design and engineering of facilities and equipment to meet the physical needs of the human as well as enhancing production.		
Grade Mode: Normal Grading Mode		
SFT 647 Industrial Hygiene II	3 Credit hours	
Concerned with environmental health and safety hazards that arise out of or occur during work of employees.		
Grade Mode: Normal Grading Mode		
SFT 647L Quan Indus Hygiene Lab	3 Credit hours	
A laboratory course designed to complement Industrial Hygiene.		
Grade Mode: Normal Grading Mode		

SFT 648 Industrial Ventilation 3 Credit hours

This course will cover the techniques of development, design maintenance, and troubleshooting of industrial ventilation systems. Also the types of ventilation systems used for different types of toxic materials.

Pre-req: SFT 647 or SED 647.

Grade Mode: Normal Grading Mode

SFT 649 Biophysical Hazards & Monitor 3 Credit hours

Grade Mode: Normal Grading Mode

SFT 650 Internship Safety Specialist 3-12 Credit hours

Attributes: No Textbook Required

Grade Mode: Credit/No Credit Grade Only

SFT 651 Toxicology & Epidemiology 3 Credit hours

Grade Mode: Normal Grading Mode

SFT 652 Industrial Noise & Vibration 3 Credit hours

Pre-req: (SFT 554 or SED 554) or (SFT 647 or SED 647).

Grade Mode: Normal Grading Mode

SFT 660 Appl Ergon and Hum Factors Eng 3 Credit hours

A study of how humans interact with the work environment, focusing on human capabilities and limitations, repetitive motion disorders, the human/machine interface and workspace design.

Attributes: No Textbook Required

Grade Mode: Normal Grading Mode

SFT 661 Adv Occup Ergonomics 3 Credit hours

Pre-req: SFT 660 or SED 660.

Grade Mode: Normal Grading Mode

SFT 662 Methods in Work Analysis 3 Credit hours

Grade Mode: Normal Grading Mode

SFT 663 Work Environment Issues 3 Credit hours

An examination of the aspects of the work environment that can affect health: time pressure, machine pacing, control etc. The recognition, measurement and control of these factors will be discussed.

Grade Mode: Normal Grading Mode

SFT 669 Traffic Safety Management 3 Credit hours

Grade Mode: Normal Grading Mode

SFT 679 Problem Report 1-3 Credit hours

Grade Mode: Normal Grading Mode

SFT 681 Thesis 1-6 Credit hours

Attributes: No Textbook Required, Thesis

Grade Mode: Normal Grading Mode

SFT 690 Seminar 1-4 Credit hours

Grade Mode: Normal Grading Mode

SFT 691 Seminar 1-4 Credit hours

Grade Mode: Normal Grading Mode

SFT 692 Seminar 1-4 Credit hours

Grade Mode: Normal Grading Mode