

# SAFETY TECHNOLOGY (SFT)

<b>SFT 536 Safety Ed for Elem Teachers</b>	<b>1 Credit hour</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 540 Indust Fire Protection</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 553 International Safety &amp; Health</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 554 Indust Hygiene I</b>	<b>3 Credit hours</b>	
Environmental protection as related to industrial settings. Air/water quality, noise and chemical pollution and hazardous material control.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 555 Environmental Prog/Sampling</b>	<b>3 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 558 Hospital Safety</b>	<b>3 Credit hours</b>	
The course covers the various aspects of safety and health in professional health care services.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 561 Workers Comp</b>	<b>3 Credit hours</b>	
Introductory principles of workers' compensation and how it relates to the safety professional.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 565 Incident Investigation Tech</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 575 System Safety Engineering</b>	<b>3 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 580 Special Topics</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 581 Special Topics</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 582 Special Topics</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 583 Special Topics</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 585 Independent Study</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 586 Independent Study</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 587 Independent Study</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 589 Process Safety Mgmt</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 591 Workshop</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 592 Workshop</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 593 Workshop</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 594 Workshop</b>	<b>1-4 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 597 Occup Sft &amp; Health Prog Dev</b>	<b>3 Credit hours</b>	
Safety functions in industry. Principles of organization and application of safety programs. Prevention, correction, and control methods are outlined and evaluated.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 599 Dev &amp; Mgt of Occup Safety Prog</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 601 Safety in Transportation</b>	<b>3 Credit hours</b>	
Concerned with safe, efficient movement of people and goods. Involves highway, air, water, pipeline, and rails.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 606 Field Esp Safety Specialist</b>	<b>3 Credit hours</b>	
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 610 Intro to Prof Safety &amp; Health</b>	<b>3 Credit hours</b>	
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.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 630 Current Lit &amp; Res in Safety</b>	<b>3 Credit hours</b>	
An analysis and study of selected works of national and international authors concerning significant works in Occupational Safety.		
<b>Attributes:</b> No Textbook Required		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 645 Saf Engineering Equip Design</b>	<b>3 Credit hours</b>	
The design and engineering of facilities and equipment to meet the physical needs of the human as well as enhancing production.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 647 Industrial Hygiene II</b>	<b>3 Credit hours</b>	
Concerned with environmental health and safety hazards that arise out of or occur during work of employees.		
<b>Grade Mode:</b> Normal Grading Mode		
<b>SFT 647L Quan Indus Hygiene Lab</b>	<b>3 Credit hours</b>	
A laboratory course designed to complement Industrial Hygiene.		
<b>Grade Mode:</b> 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

**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