

Start/End Dates

Meeting Days

Meeting Times

Location

Instructor

Course Topic (if applicable)

**OCCUPATIONAL AND ENVIRONMENTAL SAFETY AND HEALTH****Occupational and Environmental Safety & Health**

**SAFETY 201 PERSONAL AND PUBLIC SAFETY (GI) ... Presents a systematic account of the foundations of safety to students with little previous knowledge of the subject. It presents the accident problem, philosophical implications, concepts of accident causation and countermeasures, and an overview of specific areas of safety concern: fire, water safety, traffic, disasters, etc.**

#2744 Section 01 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 MWF 09:00 AM - 09:50 AM HH1309 Deborah Bowen

#2745 Section 02 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 MWF 10:00 AM - 10:50 AM HH1309 Deborah Bowen

#2746 Section 03 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 MWF 11:00 AM - 11:50 AM HH1309 Deborah Bowen

#2747 Section 04 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 MW 02:00 PM - 03:15 PM HH1309 Deborah Bowen

#2749 Section 11 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED Robert Evangelisti

#3689 Section 12 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED Robert Evangelisti

**SAFETY 255 ALCOHOL AND OTHER DRUGS (GI) ... An investigation into the physiological, psychological and sociological problems presented by the use of alcohol and other drugs. Prevention and treatment programs will be examined. Other areas of study will include alcohol and traffic safety, alcohol and other drugs education and employee assistance programs.**

#2754 Section 01 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 TR 09:30 AM - 10:45 AM HH2311 Ted Izydor

#2755 Section 02 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 TR 11:00 AM - 12:15 PM HH2311 Ted Izydor

#2756 Section 03 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 TR 12:30 PM - 01:45 PM HH2311 Treena Fiesel

#2751 Section 04 [units: 3] Gen Ed Interdisciplinary (GI)  
01/17-05/19 TR 02:00 PM - 03:15 PM HH2311 Treena Fiesel

#2750 Section 11 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED Kwangseog Ahn

#2752 Section 12 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED David Vosburgh

#2753 Section 13 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED David Vosburgh

#3454 Section 14 [units: 3] Gen Ed Interdisciplinary (GI) NOTE: This is an entirely web based section, students must have access to the internet and an internet browser. In addition to the normal tuition, students will be assessed a \$50.00 per credit additional surcharge for on-line (web based) courses. A Webcam may be required for remote exam monitoring.

01/17-05/19 Arranged Arranged WEB BASED David Vosburgh

**SAFETY 380 INDUSTRIAL ACCIDENT PREVENTION ... A combination of principles and practices designed to provide the student with a basis for understanding the nature of occupational accident prevention and loss reduction. The topics to be examined include legislative aspects, accident causation, strategies for minimizing injuries and losses, and sources of assistance in resolving safety and health problems.**

#2757 Section 01 [units: 3]  
01/17-05/19 MW 12:00 PM - 01:15 PM HH1307 Tracy Buchman

#2758 Section 02 [units: 3]  
01/17-05/19 R 06:30 PM - 09:00 PM HH2311 George Gruetzmacher

**SAFETY 382 SAFETY IN THE CONSTRUCTION INDUSTRY ... This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.**

**PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR**

#2759 Section 01 [units: 3]  
01/17-05/19 TR 02:00 PM - 03:15 PM HH1309 Wayne Cole

*Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)*

**SAFETY 388 OCCUPATIONAL SAFETY & HEALTH STANDARDS AND APPLICATIONS ...** This course is designed to provide the student with a comprehensive understanding of occupational safety and health standards and their application for the management of workplace injury prevention and health promotion. Topics to be examined include federal regulations and their interpretations and accident investigation methodologies.

**PREREQ: SAFETY 380**

#2763 Section 01 [units: 3]

01/17-05/19 TR 12:30 PM - 01:45 PM HH1309 Todd Loushine

**SAFETY 420 PRINCIPLES OF ENVIRONMENTAL MANAGEMENT ...** This course addresses the U.S. Environmental Protection Agency regulations and the related responsibilities of the safety professional to insure compliance. Areas to be covered are: Safe Drinking Water Act, Storm Water Discharges, Hazardous Waste Disposal, Environmental Audits, Clean Air Act, etc.

**PREREQ: CHEM 102 AND COREQ: SAFETY 453**

#2764 Section 01 [units: 3]

01/17-05/19 TR 12:30 PM - 01:45 PM HH1307 Robert Evangelisti

**SAFETY 450 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION ...** Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and sociological factors which influence behavior, and methods for modifying unsafe behavior.

**PREREQ: SOPH ST OR CONS INSTR.**

#2765 Section 01 [units: 3]

01/17-05/19 R 05:00 PM - 07:30 PM HH1309 Wayne Cole

**SAFETY 453 FUNDAMENTALS OF ENVIRONMENTAL LAW ...** An examination of federal and state laws with judicial and regulatory interpretations having application to the management of the occupational and environmental safety & health responsibilities of private sector firms in the United States.

#2801 Section 01 [units: 3]

01/17-05/19 TR 09:30 AM - 10:45 AM HH1307 Robert Evangelisti

**SAFETY 472 ADVANCED INDUSTRIAL ERGONOMICS ...** This course focuses on the specific needs of key industries that present high incidence of work-related musculoskeletal disorders. These industries display specific working conditions with large and diverse workforces. In addition, ergonomic issues of work populations with special needs are also reviewed. The course will involve applied problem solving projects in different work settings.

**PREREQ: SAFETY 471/SAFETY 671 OR CONSENT OF INSTRUCTOR**

#2767 Section 01 [units: 3]

01/17-05/19 M 05:00 PM - 07:30 PM HH1307 Sang Choi

**SAFETY 479 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE ...** An introduction to the science and art of anticipating, recognizing, evaluating, and controlling the chemical, physical, and biological agents that affect the health and safety of workers. The laboratory provides working knowledge and hands-on experience with equipment for recognizing, analyzing, and evaluating occupational health hazards in industry. One 2.5 hour lecture and one 2.5 hour lab per week.

**PREREQ: CHEM 102, (CHEM 104 OR CHEM 112), PHYSCS 130 AND MAJOR GPA OF 2.50**

#2769 Section 01 [units: 5]

01/17-05/19 W 11:00 AM - 01:30 PM HC0005A Donna Vosburgh  
01/17-05/19 M 11:00 AM - 01:30 PM HC0005 Donna Vosburgh

Dept. Consent

**SAFETY 481 ANALYSIS AND DESIGN FOR SAFETY IN INDUSTRIAL OPERATIONS ...** The course reviews interpretations and applications of occupational safety and health standards. Emphasis is placed on local, state, federal and trade standards to numerous applications including materials handling, machine guarding, metalworking, electrical hazards, and flammable liquids. Class visitations to selected industries will be scheduled to assist students in understanding industrial and plant processes and to recognize potential hazards.

**PREREQ: SAFETY 388, SAFETY 488, AND MAJOR GPA OF 2.5 FOR SAFETY MAJORS COREQ: SAFETY 479**

#3746 Section 01 [units: 3]

01/17-05/19 W 02:00 PM - 04:30 PM HH2311 Sang Choi

#3747 Section 02 [units: 3]

01/17-05/19 F 09:00 AM - 11:30 AM HH1307 David Manke

**SAFETY 482 CONSTRUCTION SAFETY MANAGEMENT ...** An examination of the practices of managing occupational safety and health programs in the construction field. The course is designed to provide the student with an understanding of how the regulatory and financial responsibilities of accident prevention, health preservation and loss reduction in construction operations are met.

**PREREQ: SAFETY 384 OR SAFETY 584**

#2773 Section 01 [units: 3]

01/17-05/19 T 05:00 PM - 07:30 PM HH1309 Wayne Cole

**SAFETY 483 OCCUPATIONAL SAFETY MANAGEMENT ...** Emphasis will be on the organizational and administrative problems that relate to risk assessments, occupational accidents, worker compensation management, safety committees and employee safety training programs. The course is designed for students majoring in the business related areas and future safety professionals who desire to develop an understanding of these management problems as well as applicable solutions.

**PREREQ: SAFETY 388 OR CONSENT OF INSTRUCTOR, ONE SEMESTER OF COLLEGE STATISTICS, AND MAJOR GPA OF 2.50**

#2775 Section 01 [units: 3]

01/17-05/19 TR 11:00 AM - 12:15 PM HH1309 Todd Loushine

*Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)*

**SAFETY 485 FIRE PROTECTION/PREVENTION ... Control of fire through study of building construction to prevent fire spread, occupancy-hazard relationships, exposure to and from adjacent occupancies, lifesaving aspects, and the development of professional knowledge of flammable gases, liquids, combustible solids, dusts, chemicals, and explosives. Interpretation of appropriate codes will be covered.**

**PREREQ: CHEM 102 OR ONE SEMESTER OF GENERAL COLLEGE CHEMISTRY OR CONSENT OF INSTRUCTOR**

#2777 Section 01 [units: 3]

01/17-05/19 MW 09:00 AM - 10:15 AM HH1307 Tracy Buchman

**SAFETY 488 ERGONOMICS ... This course is intended to provide the student with basic introductory information concerning human information processing capabilities and limitations. Ergonomic strategies for preventing manual material handling, repetitive motion injury and ergonomic design and evaluation of man-machine systems will be included in the course.**

**Prereq: Consent of Instructor.**

#2779 Section 01 [units: 3]

01/17-05/19 TR 09:30 AM - 10:45 AM HH1309 Alvaro Taveira

**SAFETY 492 FIELDWORK INTERNSHIP IN SAFETY ... Offered on a satisfactory/no credit grade basis only. Internship students will be assigned to a company or governmental agency according to their interests to study in the field under the joint direction of the organization's Safety Manager and a University Supervisor. Students will be required to work with administrative and operational personnel at various levels. Written documentation of experiences will be required.**

**PREREQ: CONSENT OF COORDINATOR OF FIELD EXPERIENCES AND CONCURRENT ENROLLMENT IN SAFETY 470 AND MAJOR GPA OF 2.5**

#2781 Section 01 [units: 1-12] NOTE: This course will meet in Hyland 1307

01/17-05/19 F 01:30 PM - 04:00 PM HH1307 Todd Loushine

S/NC Grading Basis Only

#2782 Section 02 [units: 1-12] NOTE: This course will meet in Hyland 1307

01/17-05/19 F 01:30 PM - 04:00 PM Todd Loushine

S/NC Grading Basis Only

#3748 Section 03 [units: 1-12] NOTE: This course will meet in Hyland 1307

01/17-05/19 F 01:30 PM - 04:00 PM Todd Loushine

S/NC Grading Basis Only

#3749 Section 04 [units: 1-12] NOTE: This course will meet in Hyland 1307

01/17-05/19 F 01:30 PM - 04:00 PM Todd Loushine

S/NC Grading Basis Only

**SAFETY 493 AIR POLLUTION EVALUATION AND CONTROL ... This entry-level course presents a broad overview of the major aspects of air pollution evaluation and control. The course includes information about pollutants, pollutant sources, and effects of pollution on human health and the environment, dispersion of pollutants, measurement and control of emissions, and laws and regulations pertaining to air pollution control.**

**PREREQ: CHEM 102 AND PHYSCS 130 OR CONSENT OF INSTRUCTOR**

#2783 Section 01 [units: 3]

01/17-05/19 MW 09:30 AM - 10:45 AM HC0005 Donna Vosburgh

**SAFETY 498 INDEPENDENT STUDY ... Study of a selected topic or topics under the direction of a faculty member. May be taken for a maximum of 3 units in major/degree.**

**PREREQ: CONSENT OF INSTRUCTOR AND JUNIOR STATUS AND OCCUPATIONAL SAFETY MAJOR OR MINOR**

#2784 Section 01 [units: 1-3]

01/17-05/19 Arranged Arranged Kwangseog Ahn

Instructor Consent

#2785 Section 02 [units: 1-3]

01/17-05/19 Arranged Arranged Deborah Bowen

Instructor Consent

#2786 Section 03 [units: 1-3]

01/17-05/19 Arranged Arranged Tracy Buchman

Instructor Consent

#2787 Section 04 [units: 1-3]

01/17-05/19 Arranged Arranged Sang Choi

Instructor Consent

#2788 Section 05 [units: 1-3]

01/17-05/19 Arranged Arranged Todd Loushine

Instructor Consent

#2789 Section 06 [units: 1-3]

01/17-05/19 Arranged Arranged Alvaro Taveira

Instructor Consent

#2790 Section 07 [units: 1-3]

01/17-05/19 Arranged Arranged Donna Vosburgh

Instructor Consent

\*\*\* GRADUATE LEVEL COURSES \*\*\*

**SAFETY 582 SAFETY IN THE CONSTRUCTION INDUSTRY ... This course examines the practices and safety-related problems found in the construction industry. Administrative and organizational issues that impact construction safety programs are examined. Students will be introduced to specific problems and countermeasures for correction through lectures and field experiences. The course provides an overview of applicable OSHA and MSHA standards.**

**PREREQ: SAFETY 380 OR CONSENT OF INSTRUCTOR**

#2760 Section 01 [units: 3]

01/17-05/19 TR 02:00 PM - 03:15 PM HH1309 Wayne Cole

*Start/End Dates Meeting Days Meeting Times Location Instructor Course Topic (if applicable)*

**SAFETY 650 BEHAVIORAL ASPECTS OF ACCIDENT PREVENTION ...** Selected theories of accident causation and countermeasures are studied. Examination of physiological, medical, psychological, and sociological factors which influence behavior, and methods for modifying unsafe behavior.

**PREREQ: CONSENT OF INSTRUCTOR**

#2766 Section 01 [units: 3]

01/17-05/19 R 05:00 PM - 07:30 PM HH1309 Wayne Cole

**SAFETY 672 ADVANCED INDUSTRIAL ERGONOMICS ...** This course focuses on the specific needs of key industries that present high incidence of work-related musculoskeletal disorders. These industries display specific working conditions with large and diverse workforces. In addition, ergonomic issues of work populations with special needs are also reviewed. The course will involve applied problem solving projects in different work settings.

**PREREQ: SAFETY 471/SAFETY 671 OR CONSENT OF INSTRUCTOR**

#2768 Section 01 [units: 3]

01/17-05/19 M 05:00 PM - 07:30 PM HH1307 Sang Choi

**SAFETY 679 PRINCIPLES AND METHODS OF INDUSTRIAL HYGIENE ...** An introduction to the science and art of anticipating, recognizing, evaluating, and controlling the chemical, physical, and biological agents that affect the health and safety of workers. The laboratory provides working knowledge and hands-on experience with equipment for recognizing, analyzing, and evaluating occupational health hazards in industry. One 2.5 hour lecture and one 2.5 hour lab per week.

**PREREQ: CHEM 102 OR CONSENT OF INSTRUCTOR**

#2771 Section 01 [units: 5]

01/17-05/19 W 11:00 AM - 01:30 PM HC0005A Donna Vosburgh

01/17-05/19 M 11:00 AM - 01:30 PM HC0005 Donna Vosburgh

Dept. Consent

**SAFETY 682 CONSTRUCTION SAFETY MANAGEMENT ...** An examination of the practices of managing occupational safety and health programs in the construction field. The course is designed to provide the student with an understanding of how the regulatory and financial responsibilities of accident prevention, health preservation and loss reduction in construction operations are met.

**PREREQ: SAFETY 384 OR SAFETY 584**

#2774 Section 01 [units: 3]

01/17-05/19 T 05:00 PM - 07:30 PM HH1309 Wayne Cole

**SAFETY 683 OCCUPATIONAL SAFETY MANAGEMENT ...** Emphasis will be on the organizational and administrative problems that relate to risk assessments, occupational accidents, worker compensation management, safety committees and employee safety training programs. The course is designed for students majoring in the business related areas and future safety professionals who desire to develop an understanding of these management problems as well as applicable solutions.

**PREREQ: SAFETY 388 OR CONSENT OF INSTRUCTOR, ONE SEMESTER OF COLLEGE STATISTICS, AND MAJOR GPA OF 2.50**

#2776 Section 01 [units: 3]

01/17-05/19 TR 11:00 AM - 12:15 PM HH1309 Todd Loushine

**SAFETY 685 FIRE PROTECTION/PREVENTION ...** Control of fires through study of building construction to prevent fire spread, occupancy-hazard relationships, exposure to and from adjacent occupancies, lifesaving aspects, and the development of professional knowledge of flammable gases, liquids, combustible solids, dusts, chemicals, and explosives. Interpretation of appropriate codes will be covered.

**PREREQ: CHEM 102 OR ONE SEMESTER OF GENERAL COLLEGE CHEMISTRY OR CONSENT OF INSTRUCTOR**

#2778 Section 01 [units: 3]

01/17-05/19 MW 09:00 AM - 10:15 AM HH1307 Tracy Buchman

**SAFETY 688 ERGONOMICS ...** Study of human capabilities and limitations (physical, perceptual and cognitive) as the basis for improving human interactions with products, workstations and jobs. Review of human anatomical, physiological, perceptual and psychomotor characteristics applied to human-machine systems to enhance worker comfort, safety, health and productivity.

**PREREQ: CONSENT OF INSTRUCTOR**

#2780 Section 01 [units: 3]

01/17-05/19 TR 09:30 AM - 10:45 AM HH1309 Alvaro Taveira

**SAFETY 712 DISASTER PLANNING AND RESPONSE ...** This course provides an overview of the organizational processes of preparing for and responding to disasters, both natural and technological. The course will begin with emergency response planning and preparation, then move into emergency operations and incident management, and conclude with a module on incident investigation and root cause analysis.

#4200 Section 22 [units: 3] NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.

03/12-05/19 Arranged Arranged WEB BASED Tracy Buchman

**SAFETY 753 ENVIRONMENTAL SAFETY & HEALTH LAW ...** An examination of federal and state laws with legal interpretations having application to safety professionals and industries will be emphasized. Federal acts, such as OSHA, CPSA and others will be dealt with in respect to their involvement with the industry. Liability to individuals and to the public will be stressed.

#3941 Section 22 [units: 3] NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.

01/17-03/11 Arranged Arranged WEB BASED Donna Vosburgh

**SAFETY 789 READINGS AND RESEARCH IN SAFETY ...** Under the direction of a faculty member the student will examine current research and professional practices and apply that knowledge to an ESH problem. The course serves as the capstone experience and requires the successful completion of a research paper.

#2791 Section 22 [units: 3] NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser. Instructor Consent

01/17-05/19 Arranged Arranged WEB BASED Kwangseog Ahn

<u>Class#</u>	<u>Section</u>	<u>(Units)</u>	<u>General Education Designation (if any)</u>				<u>Consent</u>
<u>Start/End Dates</u>	<u>Meeting Days</u>	<u>Meeting Times</u>	<u>Location</u>	<u>Instructor</u>	<u>Course Topic (if applicable)</u>		
#2792	Section 23	[units: 3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		Tracy Buchman			
#2793	Section 24	[units: 3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		Sang Choi			
#2794	Section 25	[units: 3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		Todd Loushine			
#2795	Section 26	[units: 3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		Alvaro Taveira			
#3943	Section 27	[units: 3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		Donna Vosburgh			

**SAFETY 798 INDIVIDUAL STUDIES ... Study of a selected topic or topics under the direction of a faculty member.**

#2796	Section 22	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged		WEB BASED	Kwangseog Ahn		
#2797	Section 23	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged			Tracy Buchman		
#2798	Section 24	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged			Sang Choi		
#2799	Section 25	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged			Todd Loushine		
#2800	Section 26	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged			Alvaro Taveira		
#3944	Section 27	[units: 1-3]	NOTE: Graduate online classes will be billed at \$637.43 per credit for all students. Students must have access to the internet and an internet browser.				Instructor Consent
01/17-05/19	Arranged	Arranged			Donna Vosburgh		