ENVIRONMENTAL HEALTH AND SAFETY (EVHS)

EVHS 10001 ENVIRONMENTAL TECHNOLOGY I 3 Credit Hours
Survey course in environmental technology, including health and safety, history, environmental compliance and related issues.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 10004 TOXICOLOGY 3 Credit Hours
Examination of the terminology and classification of poisons that affect humans. Includes poison sources, modes of exposure, health effects and control measures.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 10010 INDUSTRIAL HYGIENE I 4 Credit Hours
In-depth study of safety methods and procedures with lab for identifying, monitoring, handling, containing and disposing of hazardous substances and hazardous conditions in the workplace.
Prerequisite: EVHS 10004.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

EVHS 20001 ENVIRONMENTAL LAW 3 Credit Hours
Emphasize civil, criminal and tort liability issues; procedural and constitutional requirements; and administrative codes, rules and regulations for fire, health, safety and environmental hazards.
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 20004 ENVIRONMENTAL HEALTH AND SAFETY I 3 Credit Hours
Examination of hazards assessment including organizational, environmental and disaster planning; health and safety inspection and reporting criteria; and first aid procedures.
Prerequisite: EVHS 10001.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 20008 ENVIRONMENTAL SAFETY ADMINISTRATION 3 Credit Hours
Organization and operation of environmental safety unit; relationships with business governmental and community entities involved in environmental safety and hazards control.
Prerequisite: EVHS 10010.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 20092 ENVIRONMENTAL TECHNOLOGY INTERNSHIP I (ELR) 3 Credit Hours
(Repeatable for credit) This on- or off-campus experience gives students an opportunity to apply learned concepts in the classroom to practical environmental technology situations.
Prerequisite: EVHS 20008.
Schedule Type: Practical Experience
Contact Hours: 21 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

EVHS 21010 INDUSTRIAL HYGIENE II 4 Credit Hours
Emphasis is placed on methodologies of gas, vapor, and aerosol sampling; including instrumentation function and calibration. Measurement and evaluation of physical hazards including noise, heat stress, lighting and radiation hazards. Includes a major emphasis upon the types of problems and calculations likely to be found in general industry. Laboratory exercises and use of a case study to explore the methods of sampling.
Prerequisite: BSCI 10120; and CHEM 10050 or CHEM 10055; and EVHS 10010.
Schedule Type: Laboratory, Lecture, Combined Lecture and Lab
Contact Hours: 3 lecture, 2 lab
Grade Mode: Standard Letter

EVHS 21092 ENVIRONMENTAL TECHNOLOGY INTERNSHIP II (ELR) 3 Credit Hours
(Repeatable for credit) This on- or off-campus experience gives students an opportunity to apply learned concepts in the classroom to practical environmental technology situations.
Prerequisite: EVHS 20092; and special approval.
Schedule Type: Practical Experience
Contact Hours: 21 other
Grade Mode: Standard Letter
Attributes: Experiential Learning Requirement

EVHS 22095 SPECIAL TOPICS IN ENVIRONMENTAL HEALTH AND SAFETY 3 Credit Hours
(Repeatable for a total of 6 hours) Specialized instruction oriented primarily to application of current technology developed for the field of environmental technology. Course is repeatable as the specific topics will vary.
Prerequisite: Special approval.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter

EVHS 22096 INDIVIDUAL INVESTIGATION IN ENVIRONMENTAL HEALTH AND SAFETY 1-3 Credit Hours
(Repeatable for credit) Independent research of environmental technology topic supervised by an environmental technology faculty member.
Prerequisite: Special approval.
Schedule Type: Individual Investigation
Contact Hours: 1-3 other
Grade Mode: Standard Letter

EVHS 30002 ENVIRONMENTAL ISSUES II 3 Credit Hours
Current topics in environmental technology including climate change and alternate energy sources.
Prerequisite: EVHS 10001.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter
EVHS 30020    HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE    4 Credit Hours
Study of hazardous waste operations and emergency response to release of hazardous materials in compliance with EPA and OSHA regulations (29CRF 1910.120).
Prerequisite: None.
Schedule Type: Lecture
Contact Hours: 4 lecture
Grade Mode: Standard Letter

EVHS 40006    FIRE PREVENTION AND CONTROL    3 Credit Hours
Conditions and properties conducive for combustible states and hazards; techniques and procedures for fire extinguishing and control; preventative strategies; fire codes and alarm systems.
Prerequisite: EVHS 10001.
Schedule Type: Lecture
Contact Hours: 3 lecture
Grade Mode: Standard Letter