# ENVIRONMENTAL HEALTH AND SAFETY (EVHS)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Grade Mode</th>
<th>Contact Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVHS 10001</td>
<td>ENVIRONMENTAL TECHNOLOGY I</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 10004</td>
<td>TOXICOLOGY</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 10010</td>
<td>INDUSTRIAL HYGIENE I</td>
<td>4</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 20001</td>
<td>ENVIRONMENTAL LAW</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 20004</td>
<td>ENVIRONMENTAL HEALTH AND SAFETY I</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 20008</td>
<td>ENVIRONMENTAL SAFETY ADMINISTRATION</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 20092</td>
<td>ENVIRONMENTAL TECHNOLOGY INTERNSHIP I (ELR)</td>
<td>3</td>
<td>Experiential Learning Requirement</td>
<td>Lecture, 1 lab</td>
</tr>
<tr>
<td>EVHS 21092</td>
<td>ENVIRONMENTAL TECHNOLOGY INTERNSHIP II (ELR)</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 22095</td>
<td>SPECIAL TOPICS IN ENVIRONMENTAL HEALTH AND SAFETY</td>
<td>3</td>
<td>Experiential Learning Requirement</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 22096</td>
<td>INDIVIDUAL INVESTIGATION IN ENVIRONMENTAL HEALTH AND SAFETY</td>
<td>1-3</td>
<td>Experiential Learning Requirement</td>
<td>Lecture</td>
</tr>
<tr>
<td>EVHS 30002</td>
<td>ENVIRONMENTAL ISSUES II</td>
<td>3</td>
<td>Standard Letter</td>
<td>Lecture</td>
</tr>
</tbody>
</table>

## Course Descriptions

**ENVIRONMENTAL TECHNOLOGY I (EVHS 10001)**
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

**TOXICOLOGY (EVHS 10004)**
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

**INDUSTRIAL HYGIENE I (EVHS 10010)**
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

**ENVIRONMENTAL LAW (EVHS 20001)**
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

**ENVIRONMENTAL HEALTH AND SAFETY I (EVHS 20004)**
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

**ENVIRONMENTAL SAFETY ADMINISTRATION (EVHS 20008)**
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

**ENVIRONMENTAL TECHNOLOGY INTERNSHIP I (ELR) (EVHS 20092)**
This on- or off-campus experience gives students opportunity to apply learned concepts in the classroom to practical environmental technology situations.  
**Prerequisite:** EVHS 20092 and special approval.  
**Schedule Type:** Practicum or Internship  
**Contact Hours:** 21 other  
**Grade Mode:** Standard Letter

**ENVIRONMENTAL TECHNOLOGY INTERNSHIP II (ELR) (EVHS 21092)**
This on- or off-campus experience gives students opportunity to apply learned concepts in the classroom to practical environmental technology situations.  
**Prerequisite:** EVHS 20092 and special approval.  
**Schedule Type:** Practicum or Internship  
**Contact Hours:** 21 other  
**Grade Mode:** Standard Letter

**SPECIAL TOPICS IN ENVIRONMENTAL HEALTH AND SAFETY (EVHS 22095)**
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

**INDIVIDUAL INVESTIGATION IN ENVIRONMENTAL HEALTH AND SAFETY (EVHS 22096)**
Independent research of environmental technology situations. Course is repeatable as the specific topics will vary.  
**Prerequisite:** special approval.  
**Schedule Type:** Individual Investigation  
**Contact Hours:** 1-3 other  
**Grade Mode:** Standard Letter

**ENVIRONMENTAL ISSUES II (EVHS 30002)**
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 conductive 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