

# Louisiana Delta Community College

## Academic Affairs Master Syllabus

**Course Name:** SAFETY, HEALTH & ENVIRONMENT

**Course Number:** PTEC 203

**Lecture hours:** 3

**Lab Hours:** 0

**Credit Hours:** 3

**Textbook, Author, and Publisher:** To be provided by College Campus

**Instructor Information:** To be provided by College Campus

**Class Location:** To be provided by College Campus

### **Course Description:**

This course introduces the various types of plant hazards, safety, and environmental systems and equipment, and regulations under which industry is governed. It describes and applies various analysis techniques to identify potential unsafe workplace practices and workplace hazards to help ensure the safety of the work environment. It also discusses and explains the various federal, state and local regulations as well as industry standards that impact the Process Industry.

**Prerequisites:** Must have completed ENG 099, with a passing score of "C" or better, or permission from department

**Co-requisites:** None

### **Learning Outcomes:**

On completion of this course, the student will be able to:

1. Identify the various agents that can present potential safety and health hazards in the Process Industry, including process fluids, pressurized equipment, physical agents and air contaminants.
2. Identify specific categories of hazardous chemicals used in the Process Industry.
3. Explain various routes of entry hazardous chemical used to enter the human body.
4. Describe long term and short term impact specific hazards have on individual health and safety as well as the environment.
5. Identify the various factors which can lead to leaks, spills and releases and their potential dangers to worker safety and environmental protection.
6. Employ and exhibit attitudes and behaviors that are critical to avoid personal injury, injury to others, or injury to the environment.
7. Recognize, identify and describe the various engineering controls.
8. Use MSDS to obtain key information regarding hazardous materials.
9. Discuss the various federal, state and local regulations as well as industry standards that impact the Process Industry.

**Assessment Measures:** To be provided by College Campus

**Library Resource Center:**

The Delta Library and Learning Resource Center is committed to providing quality information and learning resources and services, including technology, in supporting the overall mission of Louisiana Delta Community College and its commitment to lifelong learning.

**Special Accommodations:**

Louisiana Delta Community College complies with Section 504 of the Rehabilitation Act, as well as the Americans with Disabilities Act. Students with disabilities who attend the Monroe campus may make a request by contacting the Director of Counseling and Disability Services (See College Directory for contact information.) at the beginning of each semester. Reasonable accommodations will be attempted for students with documented disabilities. If an impairment is identified later in the semester, a non-retroactive accommodation plan will be developed. Students at satellite campuses should contact the Coordinator of Student Affairs at their particular campus.

**Title IX:**

Louisiana Delta Community College is committed to protecting the rights of students, which includes compliance with Title IX requirements. As such, the institution and members of our community will not tolerate the offenses of dating violence, domestic violence, sexual assault, and stalking. Students with Title IX concerns should contact the College's Title IX Coordinator (See College Directory for contact information.) Students are required to complete Sexual Assault Awareness and Prevention Online Training. Access to this online course will be sent out through the Delta email account.

**Student Code of Conduct:**

Louisiana Delta Community College encourages an environment of academic integrity and mutual respect. Students should read and follow both academic and behavioral expectations identified in the Code of Student Conduct that can be found online at [www.ladelta.edu](http://www.ladelta.edu). Students are expected to act with integrity, respect the rights of others, and conduct themselves in a professional manner. The Honor Code prohibits academic misconduct such as cheating, engaging in unauthorized collaboration, and plagiarism. Violations of the Code of Student Conduct may result in disciplinary action as provided in the Code. Incidents are reported through the online Student Conduct system.