ENVIRONMENTAL TECH (EPCT)

EPCT 1301 Hazardous Waste Operations and Emergency Response (HAZWOPER) Training and Related Topics 3 Credits (3 Lec, 1 Lab)
This course covers minimum certification requirements in the Code of Federal Regulations (CFR) for a hazardous waste site worker as found in 29 CFR 1910.120 and 40 CFR 264.16. Students must make a grade of "C" or better in order to be eligible for HAZWOPER certification.
Prerequisite(s): EPCT 1307. Reading level 6, Writing level 6, Math level 6
Course Type: Technical

EPCT 1305 Environmental Regulations Overview 3 Credits (3 Lec, 0 Lab)
This course provides an introduction to the history of the environmental movement, including basic requirements for compliance with the environmental regulations.
Prerequisite(s): EPCT 1307; Reading level 6, Writing level 6, Math level 6
Course Type: Technical

EPCT 1307 Introduction to Environmental Safety and Health 3 Credits (3 Lec, 0 Lab)
This course provides a historic overview of environmental safety and health. Emphasis is on the use of occupational safety and health codes.
Course Type: Technical

EPCT 1311 Introduction to Environmental Science 3 Credits (3 Lec, 0 Lab)
This course provides an overview of environmental science and current global concerns, and a brief history of environmental ethics, resource use, and conservation. It includes a discussion of fundamental principles of resource economics and environmental health.
Prerequisite(s): EPCT 1307; Reading level 6, Writing level 6, Math level 6
Course Type: Technical

EPCT 1313 Contingency Planning 3 Credits (3 Lec, 0 Lab)
This course provides an introduction to the development of an emergency response contingency plan for a facility or community. Emphasis is on analyzing the hazards, writing and implementing the contingency plans, and evaluating the effectiveness of the contingency plan.
Prerequisite(s): EPCT 1307; Reading level 6, Writing level 6, Math level 6
Course Type: Technical

EPCT 1341 Principles of Industrial Hygiene 3 Credits (3 Lec, 0 Lab)
This course covers concepts in threshold limits, dose response, and general recognition of occupational hazards, including sampling statistics, calibration, and equipment use. It includes a study of the control of occupational hazards and sample collection and evaluation methods.
Prerequisite(s): EPCT 1307, CHEM 1311 and CHEM 1111, and
MATH 1314; Reading level 6, Writing level 6
Course Type: Technical

EPCT 1349 Environmental Regulations Interpretation & Applications 3 Credits (3 Lec, 0 Lab)
This course is an in-depth study of the major federal and state environmental regulations.
Prerequisite(s): INTC 1348
Course Type: Technical

EPCT 2333 Environmental Toxicology 3 Credits (3 Lec, 0 Lab)
This course provides a review of the research determining the systematic health effects of exposures to chemical. It includes a discussion of risk factors, routes of entry, control measures, and acute and chronic effects.
Prerequisite(s): EPCT 1307, CHEM 1311 and CHEM 1111, and
MATH 1314; Reading level 6, Writing level 6
Course Type: Technical
### EPCT 41001 Hazardous Waste Operations and 4.8-9.6 Credits
Learn the full range of auditing skills that will help you become a strong advocate in your company's effort to obtain maximum value from your commitment to ISO 14001:2004. Participants will acquire the necessary skills to become a leader in preparing and conducting audits through interactive methods and avoiding lecture based learning.

### EPCT 41003 24-Hour Emergency Response Tra 1.6-9.6 Credits

### EPCT 41005 Environmental Regulations Over 3.2-9.6 Credits

### EPCT 41007 Introduction to Environmental 3.2-9.6 Credits

### EPCT 41011 Introduction to Environmental 3.2-9.6 Credits

### EPCT 41013 Contingency Planning 3.2-6.4 Credits

### EPCT 41017 Environmental Geology 3.2-9.6 Credits

### EPCT 41019 Air Quality Control 3.2-6.4 Credits

### EPCT 41020 Lead Awareness 4.8-6.4 Credits

### EPCT 41021 Lead Inspection 4.8-6.4 Credits

### EPCT 41022 Hazardous Waste Management 1.6-3.2 Credits

### EPCT 41023 Hazardous Waste Management Upd 0.8-3.2 Credits

### EPCT 41024 Occupational Noise Control and 4.8-8 Credits

### EPCT 41027 Water Treatment and Operations 4.8-9.6 Credits

### EPCT 41028 Basic Wastewater Operations 1.6-4.8 Credits

### EPCT 41029 Water Laboratory Management 1.6-4.8 Credits

### EPCT 41030 Water Utility Safety 1.6-4.8 Credits

### EPCT 41040 Industrial Chemical Processes 4.8-9.6 Credits

### EPCT 41041 Principles of Industrial Hygiene 3.2-9.6 Credits

### EPCT 41042 Introduction to Organic and Bi 4.8-9.6 Credits

### EPCT 41043 Treatment, Remediation, and Di 3.2-9.6 Credits

### EPCT 41044 Environmental Sampling and Ana 4.8-12.8 Credits

### EPCT 41045 Lead Based Paint Removal 4.8-6.4 Credits

### EPCT 41046 Lead Based Paint Removal - Con 4.8-6.4 Credits

### EPCT 41047 Waste Minimization and Pollut 3.2-9.6 Credits

### EPCT 41049 Environmental Regulation Inter 3.2-9.6 Credits

### EPCT 41050 Basic Statistics and Calculati 3.2-4.8 Credits

### EPCT 41051 Quality Assurance and Quality 6.4-17.6 Credits

### EPCT 41052 Hazardous Materials: Operatio 0.8-4.8 Credits

### EPCT 41053 Hazardous Materials Technician 0.8-4.8 Credits

### EPCT 41054 Asbestos Worker 1.6-3.2 Credits

### EPCT 41055 Asbestos Contractor and Superv 3.2-4.8 Credits

### EPCT 41056 Asbestos Worker Refresher 0.8-0.8 Credits

### EPCT 41057 Asbestos Contractor and Superv 0.8-1.6 Credits

### EPCT 41058 Asbestos Inspector Refresher 0.8-1.6 Credits

### EPCT 41059 HAZWOPER Update 0.7-3.2 Credits

### EPCT 41091 Special Topics in Environmenta 0.7-11.2 Credits

### EPCT 41092 Special Topics in Water Qualit 0.7-11.2 Credits

### EPCT 42000 DOT Regulations 4.8-12.8 Credits

### EPCT 42001 Surface Water Operations 1.6-4.8 Credits

### EPCT 42002 Basic Waterworks 1.6-4.8 Credits

### EPCT 42003 Surface and Groundwater Collec 4.8-9.6 Credits

### EPCT 42004 Hazardous Materials Transport 0.7-4.8 Credits

### EPCT 42005 Intermediate Wastewater Treatm 1.6-4.8 Credits

### EPCT 42006 Wastewater Collection Systems 1.6-4.8 Credits

### EPCT 42007 Ground Water Production 1.6-4.8 Credits

### EPCT 55002 RABQSA-Certified ISO 14001:2004 EMS Lead Auditor 4 Credits

### EPCT 55003 Aerospace Auditor Transition Training 2.4 Credits
The Aerospace Auditor Transition Training is the course which has been mandated and sanctioned by the IAEG for all current Aas, AEAAs, and AIEAs to meet the new training requirement for AS9110:2009 Revision C. This course is applicable and beneficial to internal auditors, Implementation teams, OEMs, and non-aerospace auditors looking to become Aerospace auditors. The course is process-based to add value for those implementation members who desire to learn how to audit for effectiveness as well as compliance.

### EPCT 55004 ISO 5001:2011 Understanding and Implementing 1.6 Credits
This course is designed to provide a step-by-step method to guide an organization in the implementation of an Energy Management System in accordance with the ISO 50001:2011 Energy Management Systems Standard. It has been developed to give the participants a set of tools that will allow them to design and implement an Energy Management System (EnMS) within their organizations. This course will provide a framework through the use of specially defined tools and activities so that the participant can immediately return to their organization and begin the process of developing and implementing their own Energy Management Systems (EnMS).

### EPCT 55005 Internal Auditor ISO 9001:2008 1 Credit

ISO 9001:2008 Internal Auditor Training is comprehensive cost effective and standard complaint. A complete roadmap for developing a quality system and preparing an organization for registration. This program is designed to be flexible and is applicable to all standards, including ISO 9000, ISO 14000, QS-9000, ISO/TS 16949, TL-9000 and AS9100. This training program teaches the skills required to implement an effective quality auditing process, including planning execution, and reporting. ISO 9001 Certified organizations will need to perform regularly schedule internal audits. This on-line program shows existing and new auditors how the system is working and how you can continue to improve it. The course delivers content and information needed to present an interactive training for the Internal Audit Team. Train auditors and give them practice with each step of the audit process as they progress.

### EPCT 55006 Hazardous Materials: Operations Level 0.8 Credits

### EPCT 55007 Initial Hazardous Material Transportation Preparation Training 2.4 Credits

A course in the transport of hazardous materials and dangerous goods to meet the requirements of the U.S. Department of Transportation Title 49 CFR, Sub Part H, Sections 172.700 - 172.704, commonly referred to as Docket HM - 126F. This docket sets the training requirements for employees and employers involved in all modes of transportation, including road, rail, aircraft, and marine vessels.