EVT 2000—Site Investigation: Sampling and Monitoring Labs
Three Semester Hours

PREREQUISITES:
None

COURSE DESCRIPTION:
Field-oriented course involving hazardous materials site investigation, characterization, and cleanup. Topics are planning and organization, training and medical programs, site assessment, sampling and monitoring, site control, hazardous materials handling, and emergency response.

METHODS OF COURSE INSTRUCTION:
All material for this course is print-based. Instructor and students communicate and exchange materials through postal mail.

E-PRINT OPTION:
In this course, an option exists to use e-mail to submit your lesson assignments. Your assignment will be returned to you either as an e-mail attachment or as a hard copy sent through the postal mail, depending on the preferences of the instructor and/or program.

TEXTBOOKS AND SUPPLIES:

Other: You will need a hand-held calculator for both the lesson assignments and the examinations. The Casio FX260SLR scientific calculator, or an equivalent model, is recommended.

NUMBER OF LESSONS:
The course has nine lessons complete with graded assignments and two supervised course examinations. If you have a deadline for completing the course, you may submit up to three lessons at one time, after you have taken the Midcourse Examination. The lessons include:
- Lesson 1: The Sampling Plan
- Lesson 2: Quality Assurance
- Lesson 3: Site Entry Activities
- Lesson 4: Sampling Equipment
- Lesson 5: Sample Collection
- Lesson 6: Midcourse Examination Information
- Lesson 7: Field Analysis
Lesson 8: Documentation
Lesson 9: Sample Shipment
Lesson 10: Personal Protection Equipment & Personal Contamination Reduction
Lesson 11: Final Examination Information

The midterm covers the first five lessons, and the final exam covers the last four lessons. You will have two hours to complete each exam. The exams are comprehensive, fill-in-the-blank, calculation, and problem solving.

TYPES OF WRITING ASSIGNMENTS:

The writing assignments in Lessons 1–5 and 7–10 consist of short-answer questions that require you to define a term or identify a concept, and problems that require you to use calculation and problem-solving skills. All assignments have clear directions in each lesson. Please note: for all Calculation & Problem Solving Assignments, you must show work. Each assignment is submitted to your instructor for evaluation and grading.

GRADING CRITERIA:

Your final grade for the course will be weighted on the following factors:

- Lesson Assignments: 20%
- Midcourse Exam: 30%
- Final Exam: 50%