

ENST 2600L - Foundations of Environmental Science Laboratory

Fall 2026 Syllabus, Section 01, CRN 40069,

Credit hours: 1

Instructor

Alice Kwarteng

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Public Instructor Information

Instructor Title: Part Time Faculty

Instructor Professional Qualifications: M.S. Environmental Science, Youngstown State University

B.S. Chemical Engineering, Kwame Nkrumah University of Science and Technology

Instructor Office Location: Moser Hall 2130

Instructor Office Phone: 330-941-3611

Course Description

2600L. Foundations of Environmental Science Laboratory. Laboratory and field investigations identified in ENST 2600. Emphasis on the scientific method, problem solving and critical thinking skills in environmental assessment techniques, active exploration of environmental concerns and their solutions. Three hours per week. Field trips may require additional time past the scheduled lab time. Prereq. or Coreq.: ENST 2600. 1 s.h.

Course Readings

Group	Title	Author	ISBN
	handouts		

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Tentative Course Schedule (Subject to Change)

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Thu	8/27	No readings	Introduction/Scientific Method	Lab handout
Thu	9/3	No readings	History and background of YSU Freshman Legacy Forests (Carbon Cycle and Photosynthesis)	Lab handout
Thu	9/10	No readings	Cleaning up of Oil Spill	Lab handout
Thu	9/17	No readings	Wetlands	Lab handout
Thu	9/24	No readings	STEM Expo	Turn in Answered Questionnaires
Thu	10/1	No readings	Biodiversity	Lab handout
Thu	10/8	No readings	Field trip: Green Infrastructure Field Trip (former campus pollinator gardens)	Trip report
Thu	10/15	No readings	Groundwater and/or Field trip: Wetlands and Mill Creek Park Water Quality	Trip report
Thu	10/22	No readings	Field trip: Wastewater Treatment Plant	Trip report
Thu	10/29	No readings	Acid Mine Drainage and Abandoned Mines	Lab handout
Thu	11/5	No readings	Documentary: TBD *	Lab handout
Thu	11/12	No readings	Field trip: LEGACY FOREST PLANTING	Trip report
Thu	11/19	No readings	Minerals and Mineral Museum	Lab handout

Thu	11/26	Happy Thanksgiving - No class
Thu	12/3	Finals Review
Thu	12/10	Final Exam

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.