

ENST 1500L - Introduction to Environmental Science Lab

Fall 2026 Syllabus, Section 02, CRN 40993,

Credit hours: 1

Instructor

Jeffrey Hazy

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Public Instructor Information

Instructor Title: Teaching Assistant

Instructor Professional Qualifications: Bachelor's Degree of Science in Biology, Youngstown State University (2025). Current Master's student in Environmental Studies, planned completion spring 2027.

Instructor Office Location: Moser Hall Room 0200

Instructor Office Phone: 330-941-3612

Course Description

1500L. Introduction to Environmental Science Lab. The use of the scientific method to explore various fields in environmental science including water quality, risk assessment, biodiversity and mineral uses. This field and laboratory work supplements ENST 1500. Prereq. or concurrent: ENST 1500. 1 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Introduction to Environmental Science (3rd Edition)	F. Armstrong	9781524987176

Available through YSU bookstore or through publisher (<https://he.kendallhunt.com>).

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

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Mon	8/24	Introduction to Environmental Science (3rd Revision)	Scientific Method and Taking Measurements (10pts)	
Mon	8/31	Introduction to Environmental Science (3rd Revision)	Minerals and Their Uses (10 pts)	
Mon	9/7	Introduction to Environmental Science (3rd Revision)	Groundwater (10pts)	Blackboard Syllabus Quiz Due (20pts)
Mon	9/14	Introduction to Environmental Science (3rd Revision)	Photosynthesis (10pts)	
Mon	9/21	Introduction to Environmental Science (3rd Revision)	Bacteria 1 (8pts)	
Mon	9/28	Introduction to Environmental Science (3rd Revision)	Bacteria 2 (2pts) Topographic Maps and GPS (10pts)	Homework: Risk Assessment (10pts)
Mon	10/5	Introduction to Environmental Science (3rd Revision)	Biodiversity (10pts)	Blackboard Bacteria Assignment Due (20pts)
Mon	10/12	Introduction to Environmental Science (3rd Revision)	Recycling at YSU (5pts) Diverting Waste (10pts)	Prior to Lab Complete Lab Manual questions pg. 13

Mon	10/19	Introduction to Environmental Science (3rd Revision)	Water Quality 1 (9pts)	Bring Water Sample to Class Recycling Article Due (15pts)
Mon	10/26	Introduction to Environmental Science (3rd Revision)	Water Quality 2 (1pt) Wetlands (10pts)	
Mon	11/2	Introduction to Environmental Science (3rd Revision)	Cleaning Up Oil (10pts)	Blackboard Water Quality Assignment Due (20pts)
Mon	11/9	Introduction to Environmental Science (3rd Revision)	Acid Mine Drainage (10pts)	
Mon	11/16	Introduction to Environmental Science (3rd Revision)	Mon -Groundwater Wed-AMD All Labs: Review for Final	
Mon	11/23	Introduction to Environmental Science (3rd Revision)	Pick up graded Lab – Mon/Tues Wed/TR – No Lab	
Mon	11/30	Introduction to Environmental Science (3rd Revision)	ENST 1500 Lab Final (TBA Blackboard)	
Mon	12/7		Finals Week - No Class	

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.