

NORTHERN NEW MEXICO COLLEGE



Course Number Course Name	ENVS 3336L Environmental Sampling and Instrumentation Lab
Credit Value (Breakdown of theory and lab credits)	1 Lab
Catalog Course Description	In a hands-on setting students will participate in the fundamentals of environmental sampling and instrumentation to include data collection and evaluation.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. Understand the methods of assessment of environmental hazards, whether those environments are outdoors, indoors, at work, or at home. 2. Knowledge Standard sampling and analytical techniques have been developed to assess contaminant levels for a variety of media, including water, air, and living systems. 3. Explore new analytical methods and compare to existing methods in quantifying contaminant levels. 4. Introduction to multi-media sampling techniques and analytical methods for evaluation outdoor/indoor air, soil/surfaces, and water.
College-Wide Student Learning Outcomes measured (General education courses only)	
Program Student Learning Outcomes measured	<ol style="list-style-type: none"> 1. Effectively communicate complex concepts, theoretical applications, and analysis of research utilizing different media, to a wide variety of audiences.