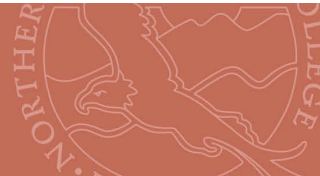


# NORTHERN NEW MEXICO COLLEGE



<b>Course Number</b>	ENVS 4410L Soil Testing and Interpretation Lab
<b>Course Name</b>	
<b>Credit Value</b> (Breakdown of theory and lab credits)	1 Lab
<b>Catalog Course Description</b>	Soil morphology and development. Field analysis and characterization of soil profiles, impact of weather, drainage, agricultural, industrial, and man-made factors on edaphic characterization
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ol style="list-style-type: none"> <li>1. Understand the history of soil classification, methods and characterization techniques of soil, morphologic genetic horizons, diagnostic horizons, moisture regimes, temperature regimes, detailed discussion of Soil Taxonomy.</li> <li>2. Morphologic descriptions, classification, and soil genesis discussions are enhanced by field-based activities and prepare students for mapping and map interpretation.</li> </ol>
<b>College-Wide Student Learning Outcomes measured (General education courses only)</b>	
<b>Program Student Learning Outcomes measured</b>	<ol style="list-style-type: none"> <li>1. Apply systems theory, concepts, and methodologies to critically analyze and understand interactions on an ecological level.</li> </ol>