

# NORTHERN NEW MEXICO COLLEGE



<b>Course Number</b> <b>Course Name</b>	ENVS 3325 Principles of Physical Hydrology
<b>Credit Value</b> <b>(Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	In this course, you will be exposed to a qualitative introduction to the dynamics of watersheds and groundwater flow from an intuitive perspective, laying the foundations for understanding the physical mechanisms by which water is transported throughout a hydrologic system.
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ol style="list-style-type: none"> <li>1. Learn concepts and physical principles of water flow as well as techniques to solve hydrologic problems</li> <li>2. Understand how to quantify the exchange and rates between atmosphere, oceans, and land masses.</li> <li>3. A balanced view of hydrology that includes a coherent presentation of the theories and techniques that are used in practice.</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. Effectively communicate complex concepts, theoretical applications, and analysis of research utilizing different media, to a wide variety of audiences.</li> </ol>