

# NORTHERN NEW MEXICO COLLEGE



<b>Course Number</b>	ENVS 2140 Introduction to GIS/GPS and Cartography
<b>Course Name</b>	
<b>Credit Value (Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	You will evaluate the characteristics, uses, and limitations of computer applications in natural resource management including application programs in statistical analysis, computer modeling, geographic information systems (GIS), global positioning systems (GPS), and database management systems (DBMS).
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ul style="list-style-type: none"> <li>• Understanding the basic principles, terminology and applications for GIS</li> <li>• Learning the basics in the use of the ArcMap and ArcCatalog</li> <li>• Understanding how GIS is applied to Environmental Science, Urban planning and more.</li> <li>• Learning IT patience!</li> </ul>
<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. Understand how climate change will affect environmental issue and natural resources.</li> <li>2. Effectively communicate complex concepts, theoretical applications, and analysis of research utilizing different media, to a wide variety of audiences.</li> </ol>