NORTHERN NEW MEXICO COLLEGE

Course Number Course Name	**ES 203 INTRODUCTION TO GIS/GPS AND CARTOGRAPHY**
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	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).
Student Learning Outcomes/Objectives /Competencies of the Course	• Understanding the basic principles, terminology and applications for GIS • Leaning the basics in the use of the ArcMap and ArcCatalog • Understanding how GIS is applied to Environmental Science, Urban planning and more. • Learning IT patience!
College-Wide Student Learning Outcomes	1. *Critical Thought* *Critical Thought will be assessed with an assignment related to map layer generation and placement on base map*