

NORTHERN NEW MEXICO COLLEGE



Course Number Course Name	ENVS 4414 Wildland Fire Management
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	In this course, you will focus on re in restoration ecology and the effects of re on plants, animals, soils, water, and air, with an emphasis directed toward re as an ecological process in wildland ecosystems. You will study how to characterize and predict re effects over time and space, as well as how to apply this to restoration ecology.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. Understand the impacts of wildland fire on soil, air, water, and vegetation resources. 2. Develop understanding how weather, topography, and fuel independently and collectively influence fire behavior. 3. Literacy in basics of wildland fire suppression and supervision. 4. Learn the use of ignition tools and techniques as a management tool. 5. Learn the techniques and limitations in the safe and efficient use of prescribed fire as a land and vegetation management tool.
College-Wide Student Learning Outcomes measured (General education courses only)	
Program Student Learning Outcomes measured	<ol style="list-style-type: none"> 1. Apply systems theory, concepts, and methodologies to critically analyze and understand interactions on an ecological level.