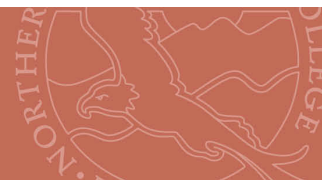


NORTHERN NEW MEXICO COLLEGE



Course Number	ENVS 3318 Silviculture
Course Name	
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	You will study the physical, biological, social, historical, and economic forces shaping past and present forest structure and composition in the various regions of the United States, and you will learn how silvicultural practices have been adapted to address specific management problems. You will also evaluate silvicultural alternatives for addressing present and anticipated future forest management-related problems and issues.
Course Student Learning Outcomes/Objectives /Competencies	<ol style="list-style-type: none"> 1. To develop an understanding of the terminology and techniques of silviculture. 2. To develop an understanding of the advantages and limitations of silvicultural systems and techniques as they relate to specific biotic, abiotic, social and economic conditions. Particular emphasis will be placed on Western States and Southwestern Ponderosa Pine forests but appropriate examples from across the United States will be used. 3. To develop an appreciation for the role of silviculture within the broader context of managing landscapes, watersheds, and ecosystems. 4. Develop writing skills specific to the natural resources career. This will include understanding and practicing document, prescription, and report development.
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.