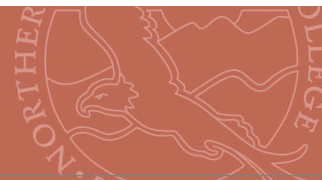
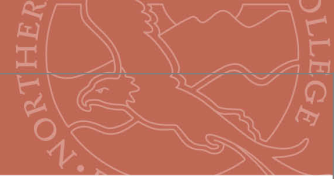


# NORTHERN NEW MEXICO COLLEGE



<b>Course Number</b> <b>Course Name</b>	<b>FDMA 2010 FILMMAKING IN SCIENCE</b>
<b>Credit Value</b> <b>(Breakdown of theory and lab credits)</b>	(4, 3T+1S)
<b>Catalog Course Description</b>	<p>Students will examine, study and practice filmmaking as an essential skill in a scientist's toolkit. They will: explore how the art and history of filmmaking is similar to practices within the history of science and technology; examine the relationships between data collection, documentation, interpretation and presentation. They will explore the technical nature of film and video and become aware of how dependent film and video are upon developments in science and technology. They will study ways to popularize science to lay persons and how to use film and video as a career building, promotional and fundraising art.</p> <p>(4, 3T+1S)</p>
<b>Course Student Learning Outcomes/ Objectives/ Competencies</b>	<ol style="list-style-type: none"> <li>1. Determine effective ways to use video under varying circumstances to gather data.</li> <li>2. Explore ways to interpret and present data gathered by video.</li> <li>3. Explore how the realms of artistic creation and data collection overlap, compete with but often enhance one another.</li> <li>4. Be able to competently photograph--and record good sound for--a simple documentary video on a scientific subject.</li> <li>5. Gain awareness of the technical history of cameras, film and video and sound recording.</li> </ol>
<b>College-Wide Student Learning Outcomes measured (General education courses only)</b>	

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**Program Student Learning Outcomes measured**

PSLO 1  
Develop an aesthetic understanding of media production and technical proficiency in areas such as video and visual production, writing and digital media development.

PSLO 4  
Evaluate the impact of media and effectively articulate various perspectives on aspects of media in written and in verbal communication