Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>EE 704</td>
<td>Luminescent Spectroscopy Materials</td>
<td>3</td>
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Fundamentals of luminescent behavior and photodynamics of solid state materials and spectroscopic methods of characterization will be discussed. Applications of novel solid state materials as phosphors, sensors, and in optoelectronics devices will be considered.

2. Universities currently offering this course:

Indicate universities that are proposing this common course:

_____ BHSU _____ DSU _____ NSU X _____ SDSMT _____ SDS _____ USD X

3. FTE Implication

_____ X No, schedule management. Explain: This course will be taught at SDSM&T Fall 2013.

4. Existing program in which course will be offered: Electrical Engineering Ph.D.,

5. CIP code for the common course 141001

6. Proposed Instructional Method by this university: R-Lecture

7. Proposed delivery method by this university: 001-Face to face & 099 Emerging Technologies

Provide a brief justification: Oral presentation is the main content delivery method for this class. Students at SDSM&T will receive face-to-face instruction in their classroom. Meanwhile, the instructor delivers the course content using large format multimedia displays, such as audio and video, to students at SDSU. The new advanced technology allows collaboration between faculty and students in SDSU, SDSM&T, and USD. They can have two-way communication and presentation simultaneously.

8. University Dept. Code SEE

9. Authority to offer effective beginning in what term? 2013 Spring

10. Section Restriction: 20