This form is to be used to request a substantive change in a common course. Representatives from all institutions offering the common course must participate in developing the proposed revisions to a common course. Signatures from all institutions offering the common course must be included on the final form submitted to AAC.

**Section 1. Course Title and Description**

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EE 736</td>
<td>Advanced Photovoltaics</td>
<td>3</td>
</tr>
</tbody>
</table>

Course Description as it currently appears in the system common course database:
This course builds on the foundations established in EE 636. It will cover advanced photovoltaic concepts, including thin films, compound semiconductors, spectral conversion devices, and organic and polymeric devices. Advanced device designs will be emphasized. Evaluation will include a research paper addressing a current PV topic.

**Section 2. Modification(s) Requested**

Current New
Course content/description change to:
This course will cover advanced photovoltaic concepts, including thin films, compound semiconductors, spectral conversion devices, and organic and polymeric devices. Advanced device designs will be emphasized. Evaluation will include a research paper addressing a current PV topic.

Prerequisites

EE 636 to EE 735

Justification for all changes noted above:
The SDSU Electrical Engineering graduate committee has completed a review of the graduate courses based on the graduate program changes over the last several years. The course number for EE 636 Photovoltaics was changed to EE 735. Due to the change EE 736 Advanced Photovoltaics required an update to the description and prerequisites. This request updates the course description to remove reference to EE 636 and updates SDSU’s prerequisite to EE 735.

Section 3. Other Course Information

1. Will this course be equated (considered the same course for degree completion) with any other unique or common course in the course database? X Yes No

If yes, indicate the course(s) to which it will be equated.
MES/NANO 736 (SDSM&T) and CHEM 736 (USD)

Section 4. To Be Completed by Academic Affairs

Current

University Dept Code
SEECS

CIP Code
141001

From: Kellar, Jon J.
Sent: Friday, May 09, 2014 5:10 PM
To: Berry, Mary; Galipeau, David
Cc: Hietpas, Steven; Sykes, Andrew; Smith, Steve J.
Subject: RE: EE 736 Course Modification

dave:
This is fine for the MES program at Mines, but Steve Smith (copied here) is the person to speak on behalf of the NANO program.
Jon

From: Smith, Steve J.
Sent: Friday, May 09, 2014 10:55 PM
To: Kellar, Jon J.; Berry, Mary; Galipeau, David
Cc: Hietpas, Steven; Sykes, Andrew
Subject: Re: EE 736 Course Modification

dave:
The change is OK, I hope we can offer the course soon!
Thanks and regards,
Steve Smith
http://nano.sdsmt.edu/

From: Berry, Mary
Sent: Friday, May 09, 2014 4:12 PM
To: Galipeau, David; Kellar, Jon J.
Cc: Hietpas, Steven; Sykes, Andrew
Subject: RE: EE 736 Course Modification

Yes. I am sure that is fine.

I am cc'ing Andy Sykes who is current Chair of Chemistry.

Best,
Mary