SOUTH DAKOTA BOARD OF REGENTS  
Revised Course Request: Common Course

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.

SDSM&T  CEE  Molly Gribb  10/6/11
Institution  Division/Department  Institutional Approval Signature  Date

SDSU  Bruce Berdanier  Lewis F. Brown  10/7/11
Institution  Form Initiator  Dean’s Approval Signature  Date

Institution  Division/Department  Institutional Approval Signature  Date

Indicate (X) the universities that offer the common course.

BHSU  DSU  NSU  X SDSMT  X SDSU  USD

Section 1. Course Title and Description

Prefix & No.  Course Title  Credits
CEE 457/457L  Indeterminate Structures  (2,1) credits

Course Description as it currently appears in the system common course database:
Analysis of indeterminate structures by classical and matrix methods. The classical methods are the force method, the slope-deflection equations and the moment-distribution method. The classical methods also are used to determine influence lines for indeterminate structures. Stiffness matrices for truss and beam elements are derived and used to analyze trusses, beams and frames.

Section 2. Modification(s) Requested

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<th>Current</th>
<th>New</th>
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<tbody>
<tr>
<td>CEE 457/457L</td>
<td>CEE 457</td>
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<tr>
<td>(2,1) credits</td>
<td>(3)</td>
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Justification for all changes noted above:
This change, for both SDSMT and SDSU, is to eliminate the lab component of the course to reflect actual practice and simplify scheduling. The course will be scheduled for 3-50 minute lectures per week. This change reflects the current state of pedagogy and technology used to deliver this course. This proposal has been discussed with and supported by the CEE department heads at both institutions.