



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**Revised Course Request: Common Course  
(Substantive Modifications)**

NSU	Stacy Trentham		Click here to enter a date.
<b>Institution</b>	<b>Form Initiator</b>	<b>Dean's Approval Signature</b>	<b>Date</b>
BHSU	Department of Math & Social Sciences		Click here to enter a date.
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>
DSU	College of Arts & Sciences		Click here to enter a date.
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>
NSU	Department of Science & Mathematics		Click here to enter a date.
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>
SDSM&T	Department of Mathematics and Computer Science		Click here to enter a date.
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>
SDSU	Engineering/ Mathematics & Statistics		Click here to enter a date.
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>
USD	Department of Mathematical Sciences	<i>Elizabeth M. Freeburg</i>	<b>2/3/2020</b>
<b>Institution</b>	<b>Division/Department</b>	<b>Institutional Approval Signature</b>	<b>Date</b>

**Indicate universities that currently offer the common course:**

- BHSU     DSU     NSU     SDSMT     SDSU     USD

**Section 1. Existing Course Title and Description**

Prefix & No.	Course Title	Credits
MATH 125	Calculus II	4

**Course Description**

A continuation of the study of calculus, including the study of sequences, series, polar coordinates, parametric equations, techniques of integration, applications of integration, indeterminate forms, and improper integrals.

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

Check all revisions that apply and provide detailed information in the Current and New fields

below. If changing a course that previously had only a lecture or laboratory component to a composite course, identify both the course and laboratory numbers (xxx and xxxL) and credit hours associated with each.

**2.1. This modification will include:**

	<u>Current</u>		<u>New</u>
<input checked="" type="checkbox"/> Credit Hours change from	4	to	4-5

Effective term of the change: Spring 2020

**2.2. Add justification for all changes noted above:**

Some institutions in the system require a 1 credit lab to accompany this course while others do not have this requirement. This has caused issues in the new Banner system. Math Discipline Council has discussed this issue and the change to variable credit was agreed upon by all 6 institutions. Additionally, a similar credit change was made with Math 123 in Spring 2019 and this change has resolved the Banner issue.

**Section 3. Other Course Information**

Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course database ([Course Inventory Report](#))?

Yes                       No

**Section 4. Department and Course Codes (Completed by University Academic Affairs)**

	<u>Current</u>		<u>New</u>
<input type="checkbox"/> Change in University Department Code	_____	to	_____
<input type="checkbox"/> Change in Banner Department Code	_____	to	_____
<input type="checkbox"/> Change in <a href="#">CIP Code</a>	_____	to	_____

## Math Discipline Council Discussion

*\*includes initial email and one response per institution*

Trentham, Stacy M  
Fri 11/8/2019 8:48 AM  
Hi all,

I think we've done about as much as we can with Topic #2 in email discussions. I'm going to ask for a vote right off the bat on Topic #3 and we'll go from there. Dan's original email is below in italics for easy reference.

Topic #3: Make Calc II a variable credit course, 4/5 credits, with the option for a lab. (Dan)

I also concur with the wisdom in waiting until we have a full agenda from the BOR. However, an item I'd like to add to whatever they send us is to consider the same offering for Calc II like we did for Calc I with a variable 4-5 credit offering and then still maintain a lab option for those that want a lab specifically. The rationale is that apparently there was a bit of a snafu this fall in that Calc II was ok for the dual credit tuition remission but the lab component was not. They got it sorted out but it may also make sense for consistency sake with the Calc I.

-Stacy

Stacy Trentham, PhD

Assistant Professor of Mathematics  
Northern State University  
MJ 216

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Van Peurse, Dan <Dan.VanPeurse@usd.edu>  
Fri 11/8/2019 9:03 AM  
Since it was my motion, I would be remiss if I didn't vote ayeJ

Yes for Dan.

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Avery, Rich  
Fri 11/8/2019 9:03 AM  
Yes, at the same time is there a need for this at 225, 321 or any other course? Might as well address any items like this at once.

Rich Avery  
Professor  
DAKOTA STATE UNIVERSITY  
office/605-256-5188

From: Trentham, Stacy M <Stacy.Trentham@northern.edu>  
Sent: Friday, November 8, 2019 9:38 AM  
Subject: Re: Topic #3

I vote yes as well.

Good call, Rich! Are there any other courses where this is an issue?

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Cogswell, Kurt <Kurt.Cogswell@SDSTATE.EDU>  
Fri 11/8/2019 9:44 AM

Yes.  
No other courses to suggest.

Kurt

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Siewert, Daluss <Daluss.Siewert@bhsu.edu>  
Fri 11/8/2019 11:13 AM

Yes. We have no other courses to suggest either.

Daluss

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Kowalski, R. T. <travis.kowalski@sdsmt.edu>  
Tue 11/19/2019 9:44 AM  
Sorry Stacy... been down with a bug.

SDSMT is okay with the option for Calc II; and we would have no qualms about it for Calc II or DiffEq either. Flexibility is a good thing.

--Travis

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