



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

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

SDSU Institution	Kurt Cogswell Form Initiator	Bruce Berdanier Dean's Approval Signature	4/15/2019 Date
SDSU Institution	Engineering/ Mathematics & Statistics Division/Department	Dennis D. Hedge Institutional Approval Signature	4/27/2019 Date
BHSU Institution	Academic Affairs Division/Department	Chris Crawford Institutional Approval Signature	1/31/2019 Date
DSU Institution	Academic Affairs Division/Department	Scott McKay Institutional Approval Signature	2/4/2019 Date
NSU Institution	College of Arts & Sciences Division/Department	Stacy M Trentham Institutional Approval Signature	2/7/2019 Date
SDSM&T Institution	Department of Mathematics Division/Department	Travis Kowalski Institutional Approval Signature	2/7/2019 Date
USD Institution	Academic Affairs Division/Department	Elizabeth McKay Freeburg Institutional Approval Signature	2/28/2019 Date

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 120	Trigonometry	3

Course Description
Topics include: trigonometric functions, equations, and identities; inverse trigonometric functions; exponential and logarithmic functions, and applications of these functions.

Section 2. Modification(s) Requested

2.1. This modification will include:

Course Content/Description change (write proposed new content/description below)

Topics include: trigonometric functions, equations, and identities; inverse trigonometric functions; and applications of these functions. Additional topics may include exponential and logarithmic functions, trigonometric form of complex numbers; and polar equations.

Effective term of the change: Fall 2019

2.2. Add justification for all changes noted above:

Several common MATH course descriptions had not been updated in recent memory, including this one. The Math Discipline Council arrived at the proposed new description after discussion. It

more accurately reflects the course content as it is currently delivered across the system.

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)

<input type="checkbox"/> Change in University Department Code	<u>Current</u> BMTSS DMATH NMATH MMATH SMATH UMATH	to	<u>New</u> No Change
<input type="checkbox"/> Change in CIP Code	<u>27.0101</u>	to	<u>No change</u>

BSHU Approval

From: Siewert, Daluss
Sent: Thursday, January 31, 2019 5:50 PM
To: Cogswell, Kurt
Subject: FW: [EXT] RE: MDC - revised course descriptions?

Kurt – Below is an approval email from Dr. Chris Crawford, BHSU Provost and Vice-President of Academic Affairs. Please let me know if you need anything else.

Thanks,
Daluss

From: Crawford, Chris
Sent: Thursday, January 31, 2019 4:45 PM
To: Siewert, Daluss
Cc: Fuqua, Amy
Subject: RE: [EXT] RE: MDC - revised course descriptions?

Daluss:

You are the expert on this. I trust your sage judgment always. Please run them forward.

Chris

From: Siewert, Daluss
Sent: Thursday, January 31, 2019 4:34 PM
To: Crawford, Chris
Cc: Fuqua, Amy
Subject: FW: [EXT] RE: MDC - revised course descriptions?

Chris,

The Math Discipline Council reviewed several common math course descriptions since they have not been updated in many years. The Math Discipline Council arrived at the proposed new descriptions. These revised descriptions more accurately reflect the course content as it is currently delivered across the system. The courses included are:

I just heard back. Our AAC has passed this earlier this week.

Stacy Trentham, PhD

Assistant Professor of Mathematics
Northern State University
MJ 216

SDSMT Approval

From: Kowalski, R. T.
Sent: Thursday, February 7, 2019 10:12 AM
To: Cogswell, Kurt; Van Peurse, Dan; Avery, Rich; Trentham, Stacy M; Siewert, Daluss
Subject: RE: [EXT] RE: MDC - revised course descriptions?

Kurt,

Sorry for the delay from SD Mines, but I'm sure Kyle has related our head-scratchingly bureaucratic process here.

The good news here is that SD Mines approves of these changes.

--Travis

Travis Kowalski
Interim Head of the Department of Mathematics
South Dakota School of Mines and Technology
605-394-6146

USD Approval

From: Freeburg, Beth M
Sent: Thursday, February 28, 2019 3:52 PM
To: Van Peurse, Dan
Subject: RE: [EXT] RE: MDC - revised course descriptions?

Hi Dan,

We are going to FYI these to the USDCI. It is ok to proceed.
They were already SDBOR approved so it seems inappropriate to have our faculty try to vote.
Beth

From: Van Peurse, Dan
Sent: Thursday, February 28, 2019 3:28 PM
To: Freeburg, Beth M
Subject: FW: [EXT] RE: MDC - revised course descriptions?

Hi Beth,

Our Math Discipline Council rep, Kurt Cogswell from SDSU was wondering if we approved of the above revised course descriptions so he can ship them off to the BOR? Not sure if Kurt was going to approve or if they are working their way through the system here. Either way, I told him I would check up on the approval process on our end for him. I believe I initially sent these up through John but he mentioned you may have received them via another avenue as well. Either way, if you could let me know what you find out as far as approving that would be great. If it matters, they were all approved by our math discipline council and we are all ok with them. Thanks.

Dan

From: Cogswell, Kurt
Sent: Thursday, January 31, 2019 2:57 PM
To: Van Peurse, Dan; Avery, Rich; Trentham, Stacy M; Siewert, Daluss; Kowalski, R. T.
Subject: FW: [EXT] RE: MDC - revised course descriptions?

Daluss, Dan, Rich, Stacy, and Travis,

I've attached common course curriculum mod forms for the course description changes we've been discussing, and also one SUMMARY form that contains all the essential info if that's easier to work with on your campus. Could you please see if the appropriate person on your campus approves of these changes? If so, an email from that person to me, or through you to me, expressing approval should be all that's needed. Once I have all campus responses I'll get these moving to BOR.

Kurt