SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

Revised Course Request: Common Course
(Substantive Modifications)

SDSU	Kurt Cogswell	Bruce Berdanier	4/15/2019
Institution	**Form Initiator**	**Dean's Approval Signature**	**Date**
SDSU	Engineering/ Mathematics & Statistics	Dennis D. Hedge	4/27/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**Date**
BHSU	Academic Affairs	Chris Crawford	1/31/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**Date**
DSU	Academic Affairs	Scott McKay	2/4/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**Date**
NSU	College of Arts & Sciences	Stacy M Trentham	2/7/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**Date**
SDSM&T	Department of Mathematics	Travis Kowalski	2/7/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**Date**
USD	Academic Affairs	Elizabeth McKay Freeburg	2/28/2019
Institution	**Division/Department**	**Institutional Approval Signature**	**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 021	Basic Algebra	3

Course Description
This course prepares students for college level mathematics. Topics generally include: basic properties of real numbers, exponents & radicals, rectangular coordinate geometry, solutions to linear and quadratic equations, inequalities, polynomials, and factoring. Students may also be introduced to functions and systems of equations. Note: This is remedial level course and no credit for MATH 021 will be granted for graduation.

Section 2. Modification(s) Requested

2.1. This modification will include:

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

This course prepares students for college level mathematics. Topics generally include: basic properties of real numbers, exponents and radicals, rectangular coordinate geometry, linear and quadratic equations, linear inequalities, polynomials, and factoring. Students may also be introduced to functions and systems of equations. Note: This is a remedial level course and no credit for MATH 021 will be granted for graduation. Grade assigned RS/RU.

Effective term of the change: <u>Fall 2019</u>

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)

		Current		**New**
☐	**Change in University Department Code**	BMTSS	to	
		DMATH		
		NMATH		
		SMATH		
		UMATH		No Change
☐	**Change in CIP Code**	27.0101	to	No change

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:

MATH 021
MATH 101
MATH 102
MATH 103
MATH 120
These changes are summarized on the first attachment

We support these changes. We have been asked to forward an email to the Math Discipline Council chair expressing support for these changes so this can be included in the curriculum paperwork.   If you are okay with these changes, please reply as such and I will forward the response to the Math Discipline Council chair.

Thanks,
Daluss

DSU Approval

From: Avery, Rich
Sent: Monday, February 4, 2019 7:56 PM
To: Cogswell, Kurt
Subject: FW:

Below is the email support from DSU's Provost regarding the math description changes. Thanks for all of your work on these documents,

Rich

>>>>>>>>>>>>>>>>>>>>>>
Richard I. Avery, Ph.D.
Professor of Mathematics
Dakota State University

From: McKay, Scott
Sent: Monday, February 4, 2019 3:38 PM
To: Avery, Rich
Subject:

Dear Dr. Avery,

We are in favor of making the necessary curriculum changes on the six course descriptions for math.

Regards, Dr. McKay

Dr. Scott McKay
Provost and Vice President of Academic Affairs
Professor of Chemistry
Dakota State University
Madison, South Dakota
Scott.mckay@dsu.edu
605-256-5147

NSU Approval

From: Trentham, Stacy M
Sent: Thursday, February 7, 2019 6:00 PM
To: Cogswell, Kurt
Subject: RE: [EXT] RE: MDC - revised course descriptions?

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 Peursem, 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 Peursem, 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 Peursem, 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 Peursem, 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