



**SOUTH DAKOTA BOARD OF REGENTS**  
**ACADEMIC AFFAIRS FORMS**  
 Revised Course Request: Common Course  
 (*Substantive Modifications*)

USD	Dan Van Peurseem	<i>Matthew Moen</i>	12/21/2016
<b>Institution</b>	<b>Form Initiator</b>	<b>Dean's Approval Signature</b>	<b>Date</b>
USD	Arts & Sciences/ Mathematical Sciences		
<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 102	College Algebra	3

Course Description
Equations and inequalities; polynomial functions and graphs, exponents, radicals, binomial theorem, zeros of polynomials; systems of equations; exponential, logarithmic, and inverse functions, applications and graphs. Other topics selected from sequences, series, and complex numbers.

**Pre-requisites or Co-requisites**

One math course (MATH 095 or 101) with a grade of C or better or appropriate placement based on standardized testing.
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Registration Restrictions N/A

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

**2.1. This modification will include:**

		<b><u>Current</u></b>	to	<b><u>New</u></b>
<input checked="" type="checkbox"/>	<b>Pre-Requisites</b>	One math course (MATH 095 or 101) with a grade of C or better or appropriate placement based on standardized testing.		MATH 095; or MATH 101 with a grade of C or better; or appropriate placement based on standardized testing.

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

The current common pre-requisites do not apply to all BOR institutions. This revision will accurately reflect academic policies and curricula across the regental system.
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**Section 3. Other Course Information**

Will this course equate with any other unique or common courses in the common course database?  
 Yes       No

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

	<b><u>Current</u></b>	to	<b><u>New</u></b>	
<input type="checkbox"/> Change in University Department Code	UMATH			
<input type="checkbox"/> Change in <b><u>CIP Code</u></b>	27.0101			

## **REGENT ACADEMIC AFFAIRS EMAILS:**

**From:** "LaFave, Alan" <[Alan.LaFave@northern.edu](mailto:Alan.LaFave@northern.edu)>  
**Date:** Wednesday, January 4, 2017 at 9:56 AM  
**To:** "Hedge, Dennis" <[Dennis.Hedge@sdstate.edu](mailto:Dennis.Hedge@sdstate.edu)>, "Freeburg, Beth M" <[Beth.Freeburg@usd.edu](mailto:Beth.Freeburg@usd.edu)>, "Crawford, Chris" <[Chris.Crawford@bhsu.edu](mailto:Chris.Crawford@bhsu.edu)>, "Alley, Kate" <[Kate.Alley@sdsmt.edu](mailto:Kate.Alley@sdsmt.edu)>, "Kouris, Demitris A." <[Demitris.Kouris@sdsmt.edu](mailto:Demitris.Kouris@sdsmt.edu)>, "Dittman, Judy" <[Judy.Dittman@dsu.edu](mailto:Judy.Dittman@dsu.edu)>, "Hanson, Richard" <[Richard.Hanson@dsu.edu](mailto:Richard.Hanson@dsu.edu)>, "Helling, Mary Kay" <[Mary.Helling@SDSTATE.EDU](mailto:Mary.Helling@SDSTATE.EDU)>, "Lien, Joelle L" <[Joelle.Lien@northern.edu](mailto:Joelle.Lien@northern.edu)>  
**Cc:** "Moran, Jim D" <[Jim.Moran@usd.edu](mailto:Jim.Moran@usd.edu)>, "Card, Michael" <[Michael.Card@usd.edu](mailto:Michael.Card@usd.edu)>, "Turman, Paul" <[Paul.Turman@sdbor.edu](mailto:Paul.Turman@sdbor.edu)>, "Perry, Jay" <[Jay.Perry@sdbor.edu](mailto:Jay.Perry@sdbor.edu)>  
**Subject:** Re: Math Discipline Council: MATH 102, 103, 104 change in prerequisites

NSU supports the revisions as well.

Thanks much.  
Al

**Alan D. LaFave, D.M.A.**  
Provost/VPAA  
Northern State University  
Aberdeen, SD 57401  
(605) 626-7786  
[alan.lafave@northern.edu](mailto:alan.lafave@northern.edu)

**From:** Alley, Kate  
**Sent:** Thursday, January 5, 2017 11:22 AM  
**To:** Freeburg, Beth M  
**Cc:** Alley, Kate ; Kouris, Demitris A.  
**Subject:** FW: Math Discipline Council: MATH 102, 103, 104 change in prerequisites

Beth,

SD Mines is fine with these changes.

Dr. Kate Alley  
Associate Provost  
208 O'Harra Building  
South Dakota School of Mines and Technology  
501 E. St. Joseph St.  
Rapid City, SD 57701

**From:** Crawford, Chris  
**Sent:** Wednesday, January 4, 2017 9:16 AM  
**To:** Freeburg, Beth M  
**Subject:** RE: Math Discipline Council: MATH 102, 103, 104 change in prerequisites

Yes, this is good for BHSU.

**From:** Dittman, Judy  
**Sent:** Wednesday, January 4, 2017 8:08 AM  
**To:** Hedge, Dennis ; Freeburg, Beth M ; Crawford, Chris ; Alley, Kate ; Kouris, Demitris A. ; Hanson, Richard ; Helling, Mary Kay ; LaFave, Alan ; Lien, Joelle L  
**Cc:** Moran, Jim D ; Card, Michael ; Turman, Paul ; Perry, Jay  
**Subject:** RE: Math Discipline Council: MATH 102, 103, 104 change in prerequisites

DSU also supports the revisions.

Judy

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Judy L. Dittman, Ph.D.  
Professor, Physical Education & Exercise Science  
Project Coordinator, Title III Grant  
Dakota State University  
(605) 256-5673

**From:** Hedge, Dennis  
**Sent:** Tuesday, January 3, 2017 8:26 PM  
**To:** Freeburg, Beth M ; Crawford, Chris ; Alley, Kate ; Kouris, Demitris A. ; Dittman, Judy ; Hanson, Richard ; Helling, Mary Kay ; LaFave, Alan ; Lien, Joelle L  
**Cc:** Moran, Jim D ; Card, Michael ; Turman, Paul ; Perry, Jay  
**Subject:** RE: Math Discipline Council: MATH 102, 103, 104 change in prerequisites

SDSU supports the revisions.

Dennis

**Dennis D. Hedge, Pharm.D.**  
*Interim Provost and VP Academic Affairs*



**From:** Freeburg, Beth M [<mailto:Beth.Freeburg@usd.edu>]  
**Sent:** Tuesday, January 3, 2017 11:00 AM  
**To:** Crawford, Chris <[chris.crawford@bhsu.edu](mailto:chris.crawford@bhsu.edu)>; Alley, Kate <[kate.alley@sdsmt.edu](mailto:kate.alley@sdsmt.edu)>; Kouris, Demitris A. <[demitris.kouris@sdsmt.edu](mailto:demitris.kouris@sdsmt.edu)>; Dittman, Judy <[judy.dittman@dsu.edu](mailto:judy.dittman@dsu.edu)>; Hanson, Richard <[richard.hanson@dsu.edu](mailto:richard.hanson@dsu.edu)>; Hedge, Dennis <[Dennis.Hedge@sdstate.edu](mailto:Dennis.Hedge@sdstate.edu)>; Helling, Mary Kay <[Mary.Helling@SDSTATE.EDU](mailto:Mary.Helling@SDSTATE.EDU)>; LaFave, Alan <[alan.lafave@northern.edu](mailto:alan.lafave@northern.edu)>; Lien, Joelle L <[joelle.lien@northern.edu](mailto:joelle.lien@northern.edu)>  
**Cc:** Moran, Jim D <[jim.moran@usd.edu](mailto:jim.moran@usd.edu)>; Card, Michael <[michael.card@usd.edu](mailto:michael.card@usd.edu)>; Turman, Paul <[paul.turman@sdbor.edu](mailto:paul.turman@sdbor.edu)>; Perry, Jay <[jay.perry@sdbor.edu](mailto:jay.perry@sdbor.edu)>  
**Subject:** Math Discipline Council: MATH 102, 103, 104 change in prerequisites  
**Importance:** High

Good morning Provosts,

The Math Discipline Council has been working together to revise the pre-requisites of the common courses: Math 102, MATH 103, and MATH 104. (Please see attached forms.) Dr. Van Peurseem, the chair of the Math Discipline Council, agreed to take the lead to coordinate these curriculum revisions through USD. These will be vetted in our curriculum committee next week.

Do you support these revisions to align the pre-requisites?

Thank you,

Elizabeth McKay Freeburg, Ed.S., Ph.D.  
Assistant Provost  
University of South Dakota  
414 East Clark Street, Slagle Hall 102  
Vermillion, SD 57069  
(605) 677-5317  
Fax: (605)677-6651

## **MATH DISCIPLINE COUNCIL EMAILS:**

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**From:** Cogswell, Kurt  
**Sent:** Tuesday, November 22, 2016 5:25 PM  
**To:** Elkhader, A S; Siewert, Daluss; Avery, Rich; Van Peurse, Dan; Riley, Kyle L.; Palmer, Jeff; Jones, Benjamin  
**Cc:** Turman, Paul  
**Subject:** RE: Pre-req consideration

As do I. Thanks Dan.

Kurt

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**From:** Elkhader, A S [<mailto:A.Elkhader@northern.edu>]  
**Sent:** Tuesday, November 22, 2016 2:30 PM  
**To:** Siewert, Daluss <[daluss.siewert@bhsu.edu](mailto:daluss.siewert@bhsu.edu)>; Avery, Rich <[rich.avery@dsu.edu](mailto:rich.avery@dsu.edu)>; Van Peurse, Dan <[dan.vanpeurse@usd.edu](mailto:dan.vanpeurse@usd.edu)>; Riley, Kyle L. <[kyle.riley@sdsmt.edu](mailto:kyle.riley@sdsmt.edu)>; Cogswell, Kurt <[Kurt.Cogswell@SDSTATE.EDU](mailto:Kurt.Cogswell@SDSTATE.EDU)>; Palmer, Jeff <[jeff.palmer@dsu.edu](mailto:jeff.palmer@dsu.edu)>; Jones, Benjamin <[benjamin.jones@dsu.edu](mailto:benjamin.jones@dsu.edu)>  
**Cc:** Turman, Paul <[paul.turman@sdbor.edu](mailto:paul.turman@sdbor.edu)>  
**Subject:** RE: Pre-req consideration

Agree as well.

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**From:** Siewert, Daluss  
**Sent:** Tuesday, November 22, 2016 2:16 PM  
**To:** Avery, Rich; Van Peurse, Dan; Riley, Kyle L.; Cogswell, Kurt; Elkhader, A S; Palmer, Jeff; Jones, Benjamin  
**Cc:** Turman, Paul  
**Subject:** RE: Pre-req consideration

I agree. I like first option proposed.

Thanks,  
Daluss

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**From:** Riley, Kyle L.  
**Sent:** Tuesday, November 22, 2016 2:04 PM  
**To:** Van Peurse, Dan  
**Cc:** Avery, Rich  
**Subject:** RE: Pre-req consideration

Hello,

I agree with Rich.

Kyle

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**From:** Avery, Rich  
**Sent:** Tuesday, November 22, 2016 2:02 PM  
**To:** Van Peurse, Dan; Riley, Kyle L.; Cogswell, Kurt; Siewert, Daluss; Elkhader, A S; Palmer, Jeff; Jones, Benjamin  
**Cc:** Turman, Paul  
**Subject:** RE: Pre-req consideration

I like the uniformity that is proposed. I think the first option is preferable as we will be going back to math 021/101 as the primary delivery model for remedial math. I know it should be clear with the (math 095 or math 101), but I like the bluntness of "Math 095; or Math 101..." instead of "one math course" especially in regards to offering math 021 in the fall.

Best wishes over the Thanksgiving holiday,

Rich

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**From:** Van Peurse, Dan

**Sent:** Tuesday, November 22, 2016 1:50 PM

**To:** Riley, Kyle <[Kyle.Riley@sdsmt.edu](mailto:Kyle.Riley@sdsmt.edu)>; Avery, Rich <[Rich.Avery@dsu.edu](mailto:Rich.Avery@dsu.edu)>; Cogswell, Kurt <[Kurt.Cogswell@SDSTATE.EDU](mailto:Kurt.Cogswell@SDSTATE.EDU)>; Siewert, Daluss <[Daluss.Siewert@bhsu.edu](mailto:Daluss.Siewert@bhsu.edu)>; Elkhader, A <[A.Elkhader@northern.edu](mailto:A.Elkhader@northern.edu)>

**Cc:** Turman, Paul <[Paul.Turman@sdbor.edu](mailto:Paul.Turman@sdbor.edu)>

**Subject:** Pre-req consideration

Hi Folks,

Since 102, 103 and 104 are lumped together with our placement for the math index, it seems we may want to have the same pre-req's on those courses as well. I'm happy to initiate the paperwork on our campus but wanted to see if you all concur or would support it. This was brought to the forefront as we are seeing more students go from 095 to 104 and having problems registering. Let me know what you think of the following change. I am providing 2 options on the proposed change as I reworded the current 102 and 103 language slightly as 095 is RS/RU grading and not letter graded. We could even just use that language as is since it apparently doesn't cause any issues. Let me know what you think. Thanks.

Dan

Current Pre-Req's

104: "One math course (at the 100/200 level) or appropriate placement based on standardized testing."

102 and 103: "One math course (MATH 095 or 101) with a grade of C or better or appropriate placement based on standardized testing."

Consider changed Pre-Req's

102, 103, 104: "MATH 095; or MATH 101 with a grade of C or better; or appropriate placement based on standardized testing."

Or

102, 103, and 104: "One math course (MATH 095 or 101) with a grade of C or better or appropriate placement based on standardized testing."