SOUTH DAKOTA BOARD OF REGENTS
New Course Request

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<th>Institution</th>
<th>Mathematics and Statistics</th>
<th>Laurie Stenberg Nichols</th>
<th>4/26/11</th>
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<td>USD</td>
<td>Division/Department</td>
<td>Institutional Approval Signature</td>
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<td>Mathematical Sciences</td>
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Section 1. Course Title and Description

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<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<td>MATH 095</td>
<td>Pre-College Algebra</td>
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Course Description: This course prepares students for college level mathematics. Topics include basic properties of real numbers, exponents & radicals, rectangular coordinate geometry, solutions to linear and quadratic equations, systems of equations, inequalities, polynomials, factoring, rational expressions and equations, radical expressions and equations, and an introduction to functions such as polynomial, exponential and logarithmic functions. Note: This is remedial level course. No credit for MATH 095 will be granted for graduation.

Section 2. Review of Course

X This course will be a common course.

Indicate universities that are proposing this common course:

BHSU DSU NSU SDSMT X SDSU X USD

Section 3. Other Course Information

1. Are there instructional staffing impacts?  
   X No, schedule management. Explain: This course will be offered instead of MATH 021 Basic Algebra, 3 credits AND MATH 101 Intermediate Algebra 3 credits. These courses may eventually be deleted on campuses offering MATH 095.

2. Existing program in which course will be offered: Developmental Mathematics

   Provide a brief justification: Mastery-based, self-paced study has proven to be an extremely effective instructional method in courses of this nature.

4. Proposed primary delivery: 001 - Face to Face Term Based Instruction

5. Term in which change will be effective: Spring 2012

6. Can this course be repeated for additional credit?  
   X Yes, total credit limit: 6  No

7. Will the grade for this course be limited to S/U (pass/fail)?  
   X Yes  No

8. Will section enrollments be capped?  
   USD Yes, maximum per section 40 SDSU No

9. Will this course be equated (i.e. considered the same course for degree completion) with any other unique or common course in the course database?  
   X Yes  No
   If yes, indicate the course(s) to which it will be equated. The combination of MATH 021 and MATH 101

10. Is this prefix already approved for your university?  
    X Yes  No

Section 4. To be completed by Academic Affairs

1. University department code: SMATH, UMATH

2. Proposed CIP code: 27.0101 Mathematics
   Is this a new CIP code for this university?  X Yes  No