SOUTH DAKOTA BOARD OF REGENTS
New Course Request

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<th>Institution</th>
<th>Division/Department</th>
<th>Institutional Approval Signature</th>
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<tbody>
<tr>
<td>SDSU</td>
<td>Chemistry &amp; Biochemistry</td>
<td>Laurie Stenberg Nichols</td>
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<tr>
<td></td>
<td>Medical Laboratory Science</td>
<td>Date</td>
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Section 1. Course Title and Description

If the course contains a lecture and laboratory component, identify both the lecture and laboratory numbers (xxx and xxxL) and credit hours associated with each. Provide the complete description as it will appear in the system common or unique database, including pre-requisites, co-requisites, and registration restrictions.

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<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>MLS368</td>
<td>Medical Laboratory Science Technical Training</td>
<td>20-40</td>
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MLS368 Medical Laboratory Science Technical Training
Designed to facilitate transfer of students who have completed a one or two year regionally or nationally accredited or certified program in medical laboratory science, clinical laboratory science and /or technician. The purpose is to provide transfer of previous work into an upward mobility option for students who have a commitment to medical laboratory science.

Section 2. Review of Course

Will this be a common or unique course? (select the appropriate option below)

X This course will be a unique course. (Go to Section 3.)

Section 3. Other Course Information

1. Are there instructional staffing impacts?

X No, schedule management. Explain: Transcripts credit already submitted and approved in the previous MLS Upward Mobility Program requests. Additional faculty hire in progress

2. Existing program in which course will be offered: Medical Laboratory Science

3. Proposed instructional method: Tracking

Provide a brief justification: Review of documentation for completion of training as described to allow transcript of technical training.
4. Proposed primary delivery: Tracking

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

6. Can this course be repeated for additional credit? X No

7. Will the grade for this course be limited to S/U (pass/fail)? X Yes

8. Will section enrollments be capped? X 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 No

10. Is this prefix already approved for your university? X Yes

**Section 4. To be completed by Academic Affairs**

1. University department code: 511005
NEW COURSE REQUEST  
Supporting Justification for On-Campus Review

<table>
<thead>
<tr>
<th>Patricia Tille Ph.D. MT (ASCP)</th>
<th>Patricia Tille</th>
<th>1/25/2012</th>
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<tr>
<td>Request Originator</td>
<td>Signature</td>
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<th>James Rice Ph.D.</th>
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<tr>
<td>Department Chair</td>
<td>Signature</td>
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<tr>
<th>Kathleen Donovan</th>
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<th>1/25/2012</th>
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<tr>
<td>School/College Dean</td>
<td>Signature</td>
<td>Date</td>
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1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum. This course will be used to provide a mechanism for transcription of the equivalency credits outlined in the Major Program Modification submitted and outlined here:

The minimum college level courses were outlined in the original program proposal but did not include the sufficient number of equivalency credits equal to the program as outlined. Therefore a statement regarding the equivalency provided given the student has completed a program as outlined and required in the new proposed course MLS398 has been added to provide for proper evaluation and transcription of credits at SDSU.

- The MLS398 Medical Laboratory Science Technical Training provides for the transcription of the completion of a laboratory science technical program, work experience and course reduction for laboratory courses and clinical internship reduction for employed laboratory professionals. Work experience in a clinical laboratory (two years minimum, equivalency credits of 10 credits granted provided the regionally or nationally accredited or certified program includes the minimum of credit equivalent to the scientific content equivalent course work as described below.) If the program does not contain the content described, or the student has not taken college level equivalent course work, the student may be required to complete additional scientific pre-requisite courses.

- Completion of a one or two year regionally or nationally accredited or certified program in medical laboratory science equivalency credit of 29 credits will be applied towards pre-requisite course work for entry level MLS courses, laboratory course and reduction in clinical course work as outlined from within the MLS content specific curriculum.

- Successful completion of a minimum of 20 credits in biology to include General Biology, and/or Anatomy and Physiology, Microbiology; 12 credits in chemistry to include one semester of general, one semester of organic/biochemistry; one course in statistics college level courses and/or equivalency within the laboratory science program.

All upward mobility students that have completed a one or two year regionally or nationally accredited or certified program in laboratory science (consistent with Board of Certification requirements) will be granted an equivalency of 19 credits for the following laboratory and junior level SDSU MLS courses prior to beginning the online MLS baccalaureate program: MLS201, MLS301/301L, MLS311/311L, MLS341L, MLS402L, MLS411L, MLS412L, MLS441L, MLS431(431L), 471L The additional
equivalency credit 10 credit hours will be applied within the clinical practicum. This provides for the recognition of the practicing professionals basic knowledge and allows for the addition of the on-lone courses unique to the on line upward mobility program as described below.

2. Note whether this course is:   ____x____ Required   _______ Elective

3. In addition to the major/program in which this course is offered, what other majors/programs will be affected by this course?  None

4. If this will be a dual listed course, indicate how the distinction between the two levels will be made.

5. Desired section size   N/A

6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s). Patricia M. Tille Ph.D., MT (ASCP) Program Director Medical Laboratory Science and Assistant Professor, Department of Chemistry and Biochemistry. 2002; Ph.D. Basic Biomedical Sciences Sanford School of Medicine; Department of Microbiology and Immunology. American Society of Clinical Pathology Certified Medical Laboratory Technologist, 1992 – present, or additional MLS faculty.

7. Note whether adequate facilities are available and list any special equipment that will be needed for the course.  None

8. Note whether adequate library and media support are available for the course. Current library resources are adequate.

9. Will the new course duplicate courses currently being offered on this campus?
   _______ Yes   ____ X ____ No

10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined. The minimal credits of 29 will be applied as specifically outlined for the MLS courses and clinical practice as listed upon documentation of completion of an accredited or certified program. The variability will exist in a review of the pre-requisite college level equivalency credit of 20 credits as outlined. It will be determined if the curriculum adequately addresses the minimal prerequisite content areas as outlined by the program description. Even though a student has successfully completed a program as outlined, the student may be required to complete additional scientific pre-requisites as indicated. All students are required to meet the General Education Requirements.

11. Add any additional comments that will aid in the evaluation of this request  NA