SOUTH DAKOTA BOARD OF REGENTS
New Course Request

SDSU
Institution

Engineering / Construction & Operations Management
Division/Department

Laurie Stenberg Nichols
Institutional Approval Signature

4/22/15
Date

Section 1. Course Title and Description

<table>
<thead>
<tr>
<th>Prefix &amp; No.</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ET 245</td>
<td>Digital Devices II</td>
<td>2</td>
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<tr>
<td>ET 245L</td>
<td>Digital Devices II Lab</td>
<td>1</td>
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ET 245 Course Description: Study and testing of electronic devices and digital circuits; gates and Boolean algebra, flip flops, registers, counters and memories; microprocessors, converters, and logic chips. Device specification and small system design.

ET 245L Course Description: Lab to accompany ET 245.

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.

Replacement of ET 474-474L Networking II and Lab (4) which is being deleted. Effective date of deletion: Fall 2015

2. Existing program in which course will be offered: General Studies (AA) – Electronics Emphasis


Provide a brief justification: Lecture will cover theoretical material, lab will provide practical application and testing.

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

5. Term in which change will be effective: Fall 2015

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

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

8. Will section enrollments be capped? Yes, 25 maximum per section

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? Yes

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

Section 4. To be completed by Academic Affairs

1. University department code: SCOM

2. Proposed CIP code: 15.0303

Is this a new CIP code for this university? Yes

X No