



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**Substantive Program Modification Form**

<b>UNIVERSITY:</b>	<b>SDSU</b>
<b>CURRENT PROGRAM DEGREE:</b>	<b>Master of Science (M.S.)</b>
<b>CURRENT PROGRAM MAJOR/MINOR:</b>	<b>Electrical Engineering</b>
<b>CURRENT SPECIALIZATION:</b>	<b>N/A</b>
<b>CIP CODE:</b>	<b>14.1001</b>
<b>UNIVERSITY DEPARTMENT:</b>	<b>Electrical Engineering and Computer Science</b>
<b>BANNER DEPARTMENT CODE:</b>	<b>SEEC</b>
<b>UNIVERSITY COLLEGE:</b>	<b>Jerome J. Lohr College of Engineering</b>
<b>BANNER COLLEGE CODE:</b>	<b>3E</b>

**University Approval**

*To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.*

Dennis D. Hedge

Vice President of Academic Affairs or  
President of the University

3/28/2024

Date

**1. This modification addresses a change in:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work       |
| <input checked="" type="checkbox"/> Total credits of elective course work        | <input checked="" type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name  | <input type="checkbox"/> Existing specialization                       |
| <input type="checkbox"/> CIP Code  | <input type="checkbox"/> Other (explain below)                         |
| <input type="checkbox"/> Modification requiring Board of Regents approval        |  |

*Must have prior approval from Executive Director or designee*

**2. Effective date of change: 2024-2025 Academic Year**

**3. Program Degree Level:**

Associate  Bachelor's  Master's  Doctoral

**4. Category:**

Certificate  Specialization  Minor  Major

**5. If a name change is proposed, the change will occur:**

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name:

**6. Is the program being modified associated with a current articulation agreement?**

Yes  No

**a. If yes, will the articulation agreement need to be updated with the partner**

institution following the approve of the program change? Please explain: N/A

**7. Primary Aspects of the Modification:**

Existing Curriculum				Proposed Curriculum (Highlight Changes)			
Pref	Num	Title	Cr Hrs	Pref	Num	Title	Cr Hrs
EE	5XX/ 6XX/ 7XX	Courses in a category of EE concentration	13-16	EE	7XX	Courses	6
		Select one of the following:				Select one of the following:	
		<i>Option A: Thesis</i>				<i>Thesis</i>	
EE	798	Thesis	5-7	EE	798	Thesis	5-7
		Electives	7-12			Electives	17-19
		<i>Option B: Research/Design Paper</i>				<i>Option B: Research/Design Paper</i>	
EE	788	Research Problems/Projects	2-3	EE	788	Research Problems/Projects	2-3
		Electives	13-17			Electives	13-17
		<i>Option C: Coursework Only</i>				<i>Non-Thesis</i>	
		Electives	19-22			Electives	24
Total number of hours required for degree				Total number of hours required for degree			
		Option A	30			Thesis	30
		Option B	32			Non-Thesis	30
		Option C	35				

**8. Explanation of the Change:**

The SDSU Graduate School has revised SDSU Policy 2:17 Credit Requirements for Graduate Credential Programs. The Graduate School adjusted the language to no longer refer to master's programs using Option A (Thesis Option), B (Research/Design Paper Option), C (Coursework Only), and D (Coursework Only – Professional Program) but to move forward with Thesis and Non-Thesis options that will require a minimum of 30 credits. The Electrical Engineering and Computer Science Department has requested to change the non-thesis option from 32 credits (Option B) and 35 credits (Option C) to 30 credits.