



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM DEGREE:	Master of Science (M.S.)
CURRENT PROGRAM MAJOR/MINOR:	Mechanical Engineering
CURRENT SPECIALIZATION:	N/A
CIP CODE:	14.1901
UNIVERSITY DEPARTMENT:	Department of Mechanical Engineering
BANNER DEPARTMENT CODE:	SMEC
UNIVERSITY COLLEGE:	Jerome J. Lohr College of Engineering
BANNER COLLEGE CODE:	3E

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

3/28/2024

Vice President of Academic Affairs or
President of the University

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
<i>Must have prior approval from Executive Director or designee</i> | |

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:

<i>Existing Curriculum</i>				<i>Proposed Curriculum (highlight changes)</i>			
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
ME	7XX	Courses with the ME Prefix	6	ME	7XX	Courses with the ME Prefix	6
		Select one of the following options:				Select one of the following options:	
		<i>Option A: Thesis</i>				<i>Thesis</i>	
ME	798	Thesis	6	ME	798	Thesis	6
		Electives	18			Electives	18
		<i>Option B – Research/Design Paper</i>				<i>Option B – Research/Design Paper</i>	
ME	788	Research Problems/Projects	2	ME	788	Research Problems/Projects	2
		Electives	24			Electives	24
		<i>Option C – Coursework Only</i>				<i>Non-Thesis</i>	
		Electives	29				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 Department of Mechanical Engineering has requested to change the non-thesis option from 32 credits (Option B) and 35 credits (Option C) to 30 credits.