



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

Substantive Program Modification Form

UNIVERSITY:	SDSU
CURRENT PROGRAM DEGREE:	Associate of Science (A.S.)
CURRENT PROGRAM MAJOR/MINOR:	Construction Technology
CURRENT SPECIALIZATION:	N/A
CIP CODE:	15.1001
UNIVERSITY DEPARTMENT:	Construction and Concrete Industry Management
BANNER DEPARTMENT CODE:	SCCM
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

Vice President of Academic Affairs or
President of the University

4/16/2025

Date

1. This modification addresses a change in:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Total credits required within the discipline | <input checked="" type="checkbox"/> Total credits of supportive course work |
| <input checked="" type="checkbox"/> Total credits of elective course work | <input 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: 2025-2026 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:**

7. Primary Aspects of the Modification:

Existing Curriculum

Proposed Curriculum (*highlight changes*)

Prof.	Num.	Title	Cr. Hrs	Prof.	Num.	Title	Cr. Hrs.
Systems General Education Requirements				Systems General Education Requirements			
25				26			
Systems General Education Requirements – Electives				Systems General Education Requirements – Electives			
15				12			
						SGR #1 Written Communication	3
		SGR #1 Written Communication	3			SGR #1 Written Communication	3
		SGR #2 Oral Communication	3			SGR #2 Oral Communication	3
		SGR #3 Social Sciences	3			SGR #3 Social Sciences	3
		SGR #4 Arts and Humanities	3			SGR #4 Arts and Humanities	3
		SGR #6 Natural Sciences	3			SGR #6 Natural Sciences	3
Systems General Education Requirements – Required				Systems General Education Requirements – Required			
10				14			
ENGL	101	English Composition I (SGR 1)	3	ENGL	101	English Composition I (SGR 1)	3
				ECON	201	Principles of Microeconomics (SGR 3)	3
				SPAN	101	Introductory Spanish I (SGR 4)	4
MATH	114	College Algebra (SGR 5)	3	MATH	114	College Algebra (SGR 5)	3
CHEM	106	Chemistry Survey (SGR 6)	3	CHEM	106	Chemistry Survey (SGR 6)	3
CHEM	106L	Chemistry Survey Lab (SGR 6)	1	CHEM	106L	Chemistry Survey Lab (SGR 6)	1
Major Requirements				Major Requirements			
26				30-31			
				ACCT	210	Principles of Accounting I	3
CM	124	Construction Graphics	3	CM	124	Construction Graphics	3
or				or			
CM	230	Applied Construction Planning		CM	230	Applied Construction Planning	
CM	130	Management Tools and Analysis	3	CM	130	Management Tools and Analysis	3
CM	216	Construction Methods and Materials	3	CM	216	Construction Methods and Materials	3
CM	232	Cost Estimating	3	CM	232	Cost Estimating	3
CM	250	Construction Project Management	2	CM	250	Construction Project Management	2
CM	333	Mechanical, Electrical, Plumbing Systems	3	CM	333	Mechanical, Electrical, Plumbing Systems	3
				GE	101	Introduction to Engineering and Technical Professions	1
GE	265	Industrial Safety	3	GE	265	Industrial Safety	3
				STAT	281	Introduction to Statistics	3
		Technical Electives	6			Technical Electives	17-18
						Select 17-18 credits from the following list:	
				CIM	101	Introduction to CIM	2
				CIM	120	Introduction to Industrial Safety	3
				CIM	125	Plans and Specifications	2
				CIM	210	Fundamentals of Concrete: Properties and Testing	3
				CIM	210L	Fundamentals of Concrete: Properties and Testing Lab	1
				CIM	230	Concrete Construction Systems	3
				SPAN	102	Introductory Spanish II	4
				CM	124	Construction Graphics	3
				CM	210	Construction Surveying	3
				CM	210L	Construction Surveying Lab	1
				CM	216	Construction Methods and Materials	3
				CM	216L	Construction Methods and Materials Lab	1
				CM	333	Mechanical, Electrical, Plumbing Systems	3
				GE	231	Technology, Society, and Ethics	3
Supporting Coursework				Supporting Coursework			
6				1			
ACCT	210	Principles of Accounting I	3	ACCT	210	Principles of Accounting I	3
GE	231	Technology, Society, and Ethics	3	GE	231	Technology, Society, and Ethics	3
Electives				Electives			
3				3-4			

Summary of Credits in Construction Technology (A.S.)

Existing Curriculum

Proposed Curriculum (highlight changes)

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		System General Education Requirement	25			System General Education Requirement	26
		Major Requirements	26			Major Requirements	30-31
		Supporting Coursework	6			Supporting Coursework	-
		Electives	3			Electives	3-4
			Total number of hours required for major				Total number of hours required for major
			Total number of hours required for degree				Total number of hours required for degree
			42				44-45
			60				60

8. Explanation of the Change:

The associate’s degree in Construction Technology has been updated to address changes in offerings, BOR requirements, and to align the associate degree with the Construction Management and Concrete Industry Management majors. Presently, the program requires separate courses that are not part of any other degree. The sections of these courses typically have low enrollment and have been taught by adjunct faculty. This proposed realignment uses existing courses within the Construction and Concrete Industry Management department. The choice of courses preserves the pursuit of the degree by distance students.