

SOUTH DAKOTA BOARD OF REGENTS ACADEMIC AFFAIRS FORMS

New Course Request

		Jerome J. Lohr C	College of Engineering /	Construction and		
SDSU		Operations Mana	gement			
Institution		Division/Departm	nent			
Dennis D. Hedge	e			4/3/2023		
Institutional Ap		Date				
	•	5				
Section 1. Course Title and Description						
Prefix & No.	Cour	urse Title		Credits		
CIM 120	Intro	uction to Industrial Safety		3		
Course Descrip	tion					
Safety course focused on the cement, concrete and aggregate industries.						
Pre-requisites or	· Co-r	equisites				
Prefix & No.	(Course Title		Pre-Req/Co-Req?		
None						
Registration Res	trictio	ns				
None						

Section 2. Review of Course

2.1. Will this be a unique or common course?

Unique Course

Prefix & No.	Course Title	Credits
GE 265	Industrial Safety	3
CM 400	Risk Management and Construction Safety	3

Provide explanation of differences between proposed course and existing system catalog courses below:

The Concrete Industry Management (CIM) program is focused on the unique demands of the concrete industry. As such, CIM 120 Introduction to Industrial Safety, is designed to introduce students to the unique hazards inherent within this industry. This class focuses on concrete batch plant safety (complete with several field trips), precast concrete plant safety, and types of equipment specific to the concrete industry. In addition, the MSHA (Mine Safety and Health Administration) New Miner Training program is taught within this class, a requirement for any of the SDSU students who intern or become employed at aggregate or cement manufacturing facilities. In addition, as a 100-level class, CIM 120 instills the safety culture mindset within the students before they begin performing internships and field trips.

GE 265 Industrial Safety provides a broad overview of construction and manufacturing safety practices, but without the focus on the industry that funds the CIM program and any of the MSHA facets. CM 400 Risk Management and Construction Safety focuses on OSHA certification and is certainly a valuable course (a requirement for students later in their academic careers), but again lacks the focus on the concrete industry and MSHA facets.

Section 3. Other Course Information

3.1. Are there instructional staffing impacts?

⊠ No. Replacement of CIM 216 Concrete Methods and Materials (3 cr.) Effective date of deletion: fall 2023

3.2. Existing program(s) in which course will be offered: Concrete Industry Management (B.S.), Concrete Technology minor

3.3. Proposed instructional method by university (as defined by <u>AAC Guideline 5.4</u>): R - Lecture

3.4. Proposed delivery method by university (as defined by AAC Guideline 5.5): 001- Face to Face

Term Based Instruction, 015 - Internet Asynchronous – Term Based Instruction, 018 - Internet Synchronous

3.5. Term change will be effective: fall 2023

3.6. Can students repeat the course for additional credit? DYes, total credit limit: DNO

3.7. Will grade for this course be limited to S/U (pass/fail)? □Yes ⊠ No

3.8. Will section enrollment be capped? \boxtimes Yes, max per section: 30 \square No

3.9. Will this course equate (i.e., be considered the same course for degree completion) with any other unique or common courses in the common course system database in Colleague and the Course Inventory Report? □Yes ⊠ No

3.10. Is this prefix approved for your university? \boxtimes Yes \square No

Section 4. Department and Course Codes (Completed by University Academic Affairs)

4.1. University Department: Construction and Operations Management

4.2. Banner Department Code: SCOM

4.3. Proposed CIP Code: 15.1501

Is this a new CIP code for the university? \Box Yes \boxtimes No

NEW COURSE REQUEST

Supporting Justification for On-Campus Review

Timothy Hostettler	Timothy Hostettler	12/7/2022
Request Originator	Signature	Date
Syed Ahmed	Syed Ahmed	12/8/2022
Department Chair	Signature	Date
Suzette Burckhard	Suzette Burckhard	11/29/2022
School/College Dean	Signature	Date

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.

The Concrete Industry Management (CIM) program is focused on the unique demands of the concrete industry. CIM 120 Introduction to Industrial Safety (3 cr.) is designed to introduce students to the unique hazards inherent within this industry. This class focuses on concrete batch plant safety (complete with several field trips), precast concrete plant safety, and types of equipment specific to the concrete industry. In addition, the MSHA (Mine Safety and Health Administration) New Miner Training program is taught within this class, a requirement for any of the SDSU students who intern or become employed at aggregate or cement manufacturing facilities. In addition, as a 100-level class, CIM 120 instills the safety culture mindset within the students before they begin performing internships and field trips.

- 2. Note whether this course is: \square Required \square 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. Students in other majors may take this course as an elective.

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

- 5. Desired section size 30
- 6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s). Timothy Hostettler, Associate Professor of Practice, MBA
- 7. Note whether adequate facilities are available and list any special equipment needed for the course. Facilities are adequate—no special equipment needed.
- 8. Note whether adequate library and media support are available for the course. Resources are adequate.
- 9. Will the new course duplicate courses currently being offered on this campus? \Box Yes \boxtimes No
- 10. If this course may be offered for variable credit, explain how the amount of credit at each offering is to be determined.

N/A