



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

**New Course Request**

<b>SDSU</b>	<b>Jerome J. Lohr College of Engineering / Construction &amp; Operations Management</b>
<b>Institution</b>	<b>Division/Department</b>
Dennis D. Hedge	2/24/2021
<b>Institutional Approval Signature</b>	<b>Date</b>

**Section 1. Course Title and Description**

Prefix & No.	Course Title	Credits
CIM 370	Concrete Production and Strategy	3

<b>Course Description</b>	Managing concrete production systems in the ready mix and precast industry sectors. Concrete manufacturing facility operation, production equipment systems, delivery scheduling, and managing the concrete product supply chain.
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**Pre-requisites or Co-requisites**

Prefix & No.	Course Title	Pre-Req/Co-Req?
CIM 230	Concrete Construction Systems	Pre-requisite

**Registration Restrictions**

None
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**Section 2. Review of Course**

**2.1. Will this be a unique or common course?**

Unique Course

Prefix & No.	Course Title	Credits
MNET 367	Production Strategy	3
CM 443	Construction Planning and Scheduling	3

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

CIM 370 is focused on concrete manufacturing facilities, scheduling, delivery of ready mix product, and precast supply chains. MNET 367 seeks to optimize all manufacturing sector processes with an emphasis on lean manufacturing. CM 443 encompasses the entire construction build project from foundation to finish and uses specialized software to track the project.

**Section 3. Other Course Information**

**3.1. Are there instructional staffing impacts?**

Yes. Specify below: Concrete industry patrons will cover salary and benefits to hire new faculty for the CIM program.

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

**3.3. Proposed instructional method by university:** R - Lecture

**3.4. Proposed delivery method by university:** 001 – Face to Face Term Based Instruction

**3.5. Term change will be effective:** Fall 2021

**3.6. Can students repeat the course for additional credit?**  Yes  No

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

**3.8. Will section enrollment be capped?**  Yes, max per section:  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?**  Yes  No - Request for new CIM prefix included in this curriculum proposal.

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

**4.1. University Department Code:** SCOM

**4.2. Proposed CIP Code:** 15.1501

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

**NEW COURSE REQUEST  
Supporting Justification for On-Campus Review**

Teresa Hall	Teresa J.K. Hall	1/8/2021
<b>Request Originator</b>	<b>Signature</b>	<b>Date</b>
Teresa Hall	Teresa J.K. Hall	1/8/2021
<b>Department Chair</b>	<b>Signature</b>	<b>Date</b>
Bruce Berdanier	Bruce Berdanier	1/15/2021
<b>School/College Dean</b>	<b>Signature</b>	<b>Date</b>

1. Provide specific reasons for the proposal of this course and explain how the changes enhance the curriculum.  
This course and accompanying new course requests are to establish the new B.S. in Concrete Industry Management (CIM) at SDSU. The CIM program requirements ultimately will result in an accredited program under the Association of Technology, Management, and Applied Engineering (ATMAE).
2. Note whether this course is:  Required  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.
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                      35
6. Provide qualifications of faculty who will teach this course. List name(s), rank(s), and degree(s).  
Search is currently underway for the first CIM faculty member who will teach in the CIM program as well as serve as Program Director. The Department is seeking a person with at least 10 years relevant industry experience, credentials consistent with a Professor of Practice rank.
7. Note whether adequate facilities are available and list any special equipment needed for the course.  
The Department of Construction & Operations Management has adequate instructional facilities for this course.
8. Note whether adequate library and media support are available for the course.  
There is adequate library and media support available.
9. Will the new course duplicate courses currently being offered on this campus?  Yes  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