

## Construction Management Program



Our NAHB Student Chapter won "2005-06 Rookie of the Year" award at the estimating competition at the Homebuilders Show in Orlando in January 2006!

Graduates from this program are highly sought after for positions in management related areas including cost estimators, project managers, and project superintendents while several graduates have started their own businesses.



*The Engineering Technology & Management Department is located in newly renovated Solberg Hall on the SDSU Campus.*

*For more information, please contact:*  
Construction Management Program Coordinator  
Solberg Hall 202B, Box 2223  
Engineering Technology & Management Department

Solberg Hall 202B, Box 2223  
901 Administration Lane  
South Dakota State University  
Brookings, SD 57007

[www.sdstate.edu](http://www.sdstate.edu)



## Bachelor of Science

# Construction Management

Department of  
Engineering Technology  
and Management



**College of Engineering**  
South Dakota State University



*You Can Go Anywhere From Here*

# Construction Management Program at South Dakota State University

The SDSU Construction Management program prepares you to effectively manage construction projects from civil projects such as highways, dams, bridges and similar large commercial projects

Our program of study includes the following courses:

- Construction Surveying
- Plan and Blueprint Reading
- Cost Estimating
- Construction Materials
- Heavy & Highway Construction
- Building Systems
- Project Management
- Construction Law & Accounting

Many CM students elect to complete a Business Minor by using required courses for the CM major and 3-4 additional business courses.

The CM curriculum has been developed using the guidelines provided by the Associated Schools of Construction (ASC) and the Associated General Contractors (AGC). The CM program has been fully accredited by the American Council for Construction Education (ACCE) which is the predominant accreditation agency for construction management programs.

The CM program has student chapters of the Associated General Contractors of America, and the National Association of Home Builders. The CM students and faculty are also involved with the Brookings Habitat for Humanity. The senior chapters of AGC and NAHB offer scholarships on a competitive basis and provide networking opportunities with industry professionals for our students.

## Program of Study

### General Education (42 credits):

#### Written Communications (6 cr)

ENGL 101	Composition I	3
ENGL 277	Technical Writing in Engineering	3

#### Oral Communications (3 cr)

SPCM 101	Fundamentals of Speech	3
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#### Social Sciences / Diversity (6 cr)

	Student selection	3
ECON 201	Principles of Microeconomics	3

#### Humanities and Arts / Diversity (6 cr)

PHIL 220	Introduction to Ethics	3
	Student selection	3

#### Mathematics (3 cr)

MATH 115	Pre-Calculus	5
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#### Natural Sciences (6 cr)

CHEM 106	Chemistry Survey & Lab	4
PHYS 111	Introduction to Physics & Lab	4

#### Land & Natural Resources (3 cr)

PS 243	Geology	3
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#### Personal Wellness (2-3 cr)

	Student selection	2
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#### Social Responsibility (3 cr)

	Student selection	3
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### Construction Management Core (46 credits):

CM 101	Intro to Construction	1
CM 210	Construction Surveying	3
CM 216	Construction Materials	3
CM 232	Plan & Blueprint & Specs	3
CM 320	Construction Soil Mechanics	3
CM 332	Building Systems in Const	3
CM 333	Mech, Elect, Plumbing Systems	3
CM 352	Cost Estimating	3
CM 353	Struc Theory for Techs	3
CM 374	Heavy Const Meth & Systems	3
CM 400	Risk Mgmt & Const Safety	3
CM 410	Construction Supervision	3
CM 443	Const Planning & Schedule	3
CM 455	Residential Construction	3
CM 473	Const Legal & Acct	3
CM 482	Engineering Administration	3

### Construction Management Support Courses (25 Credits):

GE 101	Intro to Engr. & Technology	1
GE 121	Engineering Design Graphics I	1
GE 123	Computer Aided Drawing	1
CSc 105	Intro to Computers	3
MATH 121	Survey of Calculus	5
	Technical Electives	14

### Business Minor (21 credits):

ACCT 210	Principles of Accounting I	3
ACCT 211	Principles of Accounting II	3
ECON 201	Principles of Microeconomics*	3
ECON 202	Principles of Macroeconomics	3
BADM 350	Legal Environment of Business	3
BADM 334	Small Business Management	3
CM 443	Const Planning & Schedule**	3

\*also counted under General Education

\*\*also counted in CM Core

**Use this brochure as a program check sheet.**

My Advisor: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Notes: \_\_\_\_\_

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