As the most used material per capita on the planet after water (Science Direct, 2014), concrete provides the foundation for all of the country's vital infrastructure. From houses to office buildings, roads and bridges to airport runways, retail stores and schools to manufacturing facilities, concrete is the one product required on nearly every construction project.

Why Concrete Industry Management?

A Bachelor of Science degree in concrete industry management gives students many advantages including entering the concrete workforce with exposure to the industry early in their career, relevant industry certifications and awareness of the skills needed to succeed. The program provides graduates with a broad array of career paths within the industry including sales, operations, technical services and construction management.

Since its inception in 1996, more than 80% of CIM graduates continue to work in the industry. This has been made possible due to the concrete industry's continued strong support of CIM through the involvement and financial support of the national steering committee. Many of the industry's associations, foundations, companies and Patron's Groups have provided both financial and in-kind support to the CIM program.

Concrete Industry Management Careers

The concrete industry management (CIM) program is a business-intensive program providing solid management skills that are applicable in any industry but have been developed specifically for the concrete industry. A CIM degree is designed to provide graduates with a broad array of initial opportunities within the industry including sales, operations, technical services and construction management. These initial opportunities will blossom into lucrative and satisfying careers due to CIM's focus on supplying the industry with its future managers and leaders. As the latest of five universities entrusted with the administration of this program, South Dakota State University is very excited to begin offering CIM classes in the fall semester of 2021.

CIM is a joint initiative of a growing number of universities supported by networks of local, state and regional concrete industry producers, suppliers and contractors that pledge their time, talent and treasure to support the development of each universities' CIM program. In addition to the five universities designated as schools with undergraduate CIM programs, an executive MBA in concrete industry management is now available at Middle Tennessee State University (MTSU). A National Steering Committee (NSC), comprised of industry-leading organizations, helps to provide funding, oversight and direction for each university and for the overall CIM program.

South Dakota State University

Department of Construction & Operations Management

Concrete Industry Management

Build your future with a Bachelor of Science in Concrete Industry Management

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About the Program

Recognizing the need for people with enhanced technical, communication and management skills, the concrete industry management (CIM) program was developed through a collaboration of industry and academia. The individuals graduating from this program have the skill set necessary to meet the growing demands of the progressively changing concrete industry of the 21st century. The program gives students many advantages including entering the concrete workforce with exposure to the industry early in their careers, unlike others coming in with generic business degrees or technical degree programs.

The goal of the program is to produce broadly educated, articulate graduates grounded in basic business management, who are knowledgeable of concrete technology and techniques and are able to manage people and systems as well as promote products or services related to the concrete industry. It entails a broad range of courses, from English and history to science and mathematics. A series of required business courses such as finance, marketing, management and business law are also taken throughout the length of the program.

The concrete-specific courses teach the fundamentals of concrete, properties and testing, sustainability, concrete construction and more. All of these courses provide much more than what is simply in the text. They emphasize problem solving, quality assurance and customer satisfaction, while utilizing practical case studies. An internship program ensures students obtain real-world experience essential to starting a successful career.

"Advancing the Concrete Industry by Degrees."

A Concrete Future

A career in concrete industry management (CIM) is a future you can build on. Concrete is the foundation that keeps America's office buildings, roads and bridges, manufacturing facilities, retail stores and schools operating. The concrete industry uses cutting-edge technology and sustainability to meet the needs of the developers, engineers, architects, city planners, departments of transportation and others who in turn work to meet environmental, community and safety requirements.

When concrete is required, there have to be professionals trained in concrete technology, operations and management. The concrete industry is looking to the CIM program to develop the workforce for these important roles, forming the framework for the future of the concrete industry.

Worldwide, the concrete industry was worth $633.4 billon in 2019, a number which is projected to reach $1227.2 billion by 2027 (Fortune Business Insight, 4/9/21). The industry employs more than 2 million people in the U.S. alone. (Concretehelper.com/concrete-facts)

Concrete is used more innovatively than ever before, creating an urgent need for individuals that possess both focused concrete technology skills and a broad business education to move the industry forward.

It's all built by you and *SDSU*.

Careers

Graduates of CIM are hired for management positions throughout the concrete industry including production, material supply, contracting and manufacturing. Some examples of careers upon graduation include:

- Ready Mixed Concrete Plant Managers
- Concrete Pipe Plant Managers
- Precast-Prestressed Plant Managers
- Quality Control Managers
- Concrete Product Managers
- Contracting Services
- Project Engineer
- Project Manager
- Construction Manager
- Safety Manager
- Estimator
- Operations Manager
- Inventory Control Manager
- Cement Terminal Manager
- Technology Development