Construction systems management (CSM) is the management and operation of the business and technological aspects of the construction industry. The CSM major focuses on developing managerial skills to prepare for careers in coordinating and directing activities in a range of industry sectors including residential, commercial, and heavy construction. Specific topics in the CSM core courses include construction materials and methods, mechanical systems, electrical and lighting systems, surveying and site development, estimating, scheduling, structures, heavy construction, safety and health, project management, contracts and documents, and professional development. Additionally, students in the CSM major take supporting courses in business management and technical electives to enhance the managerial and technical skills necessary for success as construction project manager in any sector of the construction industry.*

**Career Areas/Job Titles:**

**Management and Industry**
- Construction Project Manager
- Construction Project Estimator
- Project Superintendent
- Green Building Specialist
- Project Scheduler
- Project Safety Specialist
- Independent Contractor
- Specialty Contractor (Excavation, HVAC, Electrical, etc.)

**Communication and Media**
- Historical Renovation
- Green Building Specialist
- Residential Builder
- Heavy and Highway Contractor

**Science and Technology**
- Communication and Media
- Public Relations Manager
- Construction Sales Consultant
- Survey Technology
- Information Technology Manager

**Education**
- Training Specialist
- Construction Management Instructor

**Government/Politics**
- City Building Inspector
- City Plans Examiner
- City Planner
- Army Corps of Engineers

**Transferable Skills:**

- Building and Construction
- Business Fundamentals
- Engineering Fundamentals
- Law and Policy Awareness
- Written/Verbal Communication
- Motivating Others
- Teamwork
- Conceptualization
- Developing Evaluation Strategies
- Research Skills
- Attention to Detail
- Judgment & Decision Making
- Basic Computer Skills
- Economics and Accounting
- Organization Skills
- Data Analysis
- Strategic Planning/Visioning
- Creating Innovative Solutions
- Analytical/Critical Thinking
- Problem Solving
- *Internship Required

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Professional Links:**

- Construction Management Association of America: [http://cmaanet.org/](http://cmaanet.org/)
- Construction Systems Management (CSM) Club

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://www.ccss.osu.edu](http://www.ccss.osu.edu)*