CONSTRUCTION MANAGEMENT

Close-Knit Community
Our low student-to-faculty ratio encourages close collaboration and mentorship as well as individual creativity and leadership.

Faculty Professionals
Construction management faculty are accomplished professionals with vast industry experience.

On Location Education
Field trips to local construction sites—even Extreme Makeover Home Edition—augment classroom teaching. Students compare their solutions and plans with completed structures.

The construction management curriculum combines practical business skills with vital engineering know-how. The program prepares undergraduates to enter the rapidly expanding field of construction as competent and confident construction managers, who organize the construction workforce, order the materials, schedule the construction activities, manage the costs and quality, and coordinate the project through completion.

The Business of Building
The construction management curriculum was developed in response to direct input from construction industry experts. It is designed to prepare students for professional careers and graduate programs in construction management and business administration. Different than civil engineering or architecture, which focuses on design and planning, construction is a business-oriented major for students interested in project management, construction and land development, leading to licensure as a general contractor or professional construction manager. The construction management curriculum prepares students to enter the workplace for both vertical (building) and horizontal (highway and civil) construction with soughtafter technical, managerial and communication skills.

WHY HERE?
• Construction industry is active year-round
• Professional network is extensive and accessible
• Learning is practical, hands-on and dynamic
• High-tech environment creates unique opportunities for innovation
• Resume-building internships abound
• Industry professionals participate in classes and project tours
Internship Opportunities

The College of Engineering works closely and maintains relationships with many local engineering and construction companies. Many of these companies also serve on the Construction Industry Advisory Board. As a result, students have access to a large network that provides a wealth of resources and internship opportunities.

Companies and organizations providing internships have included:

- Bechtel
- Brown and Root
- Burgoon Berger Construction
- Camp, Dresser, & McKee
- Carter & Burges, Inc.
- CH2MILL
- City of Palm Bay, Fla.—Engineer
- Creech Engineers, Inc.
- Kiewit Construction
- Kimley, Horn & Associates
- Lane Construction Corp.
- NASA
- PBS&J Construction Services, Inc.
- PEAK Construction
- R.C. Stevens Construction
- Turner Construction
- WELBRO Building Corp.
- Woodruff Construction Co.

Construction Industry Advisory Board

Comprised of industry professionals, many of them company presidents and CEOs, the Construction Industry Advisory Board (CIAB) helps to provide students with a solid understanding of the many difficult management issues professionals face in the construction industry. Members have included representatives from:

- BRPH Architects Engineers, Inc.
- Burgoon-Berger Construction
- Coastal Mechanical Services, LLC
- Heard Construction, Inc.
- Kinberg & Associates, LLC
- M. H. Williams Construction, Inc.
- Mead Construction, Inc.
- Newton Land Development, Inc.
- Precision Fabricating and Cleaning
- WELBRO Building Corp.

What’s Next?

Students graduating from the construction management program will be well positioned to enter the field of construction with little to no additional on-the-job training, prepared to start their careers as project managers and/or entrepreneurs.

Department Contact

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FastTrack Master’s Degree

Students majoring in construction management are eligible for entrance into Florida Tech’s FastTrack MBA program. Completing MBA core course requirements may be accomplished using free electives, social science electives and business or technical electives. Students must maintain a 3.25 cumulative GPA and complete 95 credits in order to be accepted into the program, but students may indicate interest early by completing the FastTrack Master’s Degree Program Supplemental Application included with the Application for Undergraduate Admission.

Collaborative Curriculum

Students and faculty are partners in developing the skills needed to succeed as a construction project manager. Out-of-class meetings with professors are frequent and encouraged. In addition, students work collaboratively with civil engineering students to solve real-world problems. As a result, students enter the workforce with practical skills.

Florida Institute of Technology

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