Construction Management

Overview
The construction management curriculum is designed to prepare students for professional careers and graduate programs in business administration and construction management. Different than civil engineering or architecture, which focuses on design and planning, construction is a business-oriented major for students interested in management, construction and land development. The construction management curriculum prepares students to enter the workplace for both vertical (building) and horizontal (highway and civil) construction with sought-after technical, managerial and communication skills.

Program Director
Professor Ralph V. Locurcio is a retired U.S. Army Brigadier General and Bronze Star Medal recipient with more than 40 years experience in construction engineering in both the public and private sectors. He has overseen the $650 million reconstruction of Kuwait following the Gulf War, as well as the construction of a $275 million dam on the Savannah River and a $253 million hospital at Fort Bragg. As a civilian, he was project director for the $100 million AMTRACK high-speed rail. A Fellow in the Society of American Military Engineers, Prof. Locurcio has published extensively in journals such as the Journal of the Society of American Military Engineering and ASCE Journal of Leadership and Management in Engineering. In addition, Professor Locurcio maintains contact with government and private construction firms as a part-time consultant and trainer.

Location, Location, Location
The construction industry in Brevard County, Florida, is booming, which makes the area surrounding Florida Tech’s Melbourne campus a virtual living laboratory. As a result, construction management students have access to a variety of local, ongoing construction projects, undergraduate research opportunities and internships. Also unique to the location is its proximity to Kennedy Space Center, Walt Disney World and countless high-tech industries. With an average temperature of 72 degrees, there is no “construction season” in Florida—it is year-round.

Admission Requirements
Because of Florida Tech’s rigorous academic programs, a strong high school curriculum is of utmost importance to a student’s success at the university. Students applying for admission to the construction program are advised to complete at least three years of high school math and science. A fourth year of math and science is recommended, and students are encouraged to take business electives and participate in extracurricular activities focused on leadership, planning and team building.

Outcomes
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. Currently, about 80% of seniors from the College of Engineering receive job offers prior to graduation and nearly 100% enter graduate school or find a job within three months of graduation.
Construction Industry Advisory Board

Florida Tech’s Construction Industry Advisory Board (CIAB) was formed to advise Florida Tech faculty on the development of a meaningful program in construction management for civil engineering students and, most recently, the development of the Bachelor of Science in Construction program. Comprised of industry professionals, many of them company presidents and CEOs, the CIAB also helps to provide students with a solid understanding of the many difficult management issues professionals face in the construction industry.

CIAB Member Companies
Charter members of the Construction Industry Advisory Board represent these companies:
- APAC Florida, Inc.
- Associated Builders and Contractors
- Berman, Hopkins, Wright & Laham, LLP
- Boys Electrical Contractors, LLC
- Brasilf & Gorrie LLC
- BRPH Architects Engineers, Inc.
- Burgoon Berger Construction
- Coastal Mechanical Services, LLC
- Eastern Construction Corporation
- Health First, Inc.
- Heard Construction, Inc.
- Home Builders and Contractors Assn.
- Hubbard Construction
- Ivy’s Construction
- Kinberg & Associates, LLC
- M. H. Williams Construction, Inc.
- Mead Construction, Inc.
- M.E.C. Construction
- Met-Con, Inc.
- NAWIC
- Newton Land Development, Inc.
- Precision Fabricating and Cleaning
- Scheduling Out Solutions
- JE Sverdrup
- Universal Engineering Sciences, Inc.
- Weitz Construction
- WELBRO Building Corp.
- W&J Construction Corporation
- Woodruff Construction Company

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 include but are not limited to:
- Bechtel
- Brown and Root
- Burgoon Berger Construction
- Camp, Dresser, & McKee
- Carter & Burges, Inc.
- CH2MHILL
- City of Palm Bay, Fla.—Engineer
- City of Sebastian, Fla.—Engineer
- Ceech Engineers, Inc.
- Kiewit Construction
- Kimley, Horn & Associates
- Lane Construction Corp.
- M.H. Williams Construction
- NASA
- PBS&J Construction Services, Inc.
- PEAK Construction
- R.C. Stevens Construction
- Turner Construction
- WELBRO Building Corp.
- Woodruff Construction Co.

FastTrack M.B.A.
Students majoring in construction management are eligible for entrance into Florida Tech’s FastTrack M.B.A. program. Completing M.B.A. 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.

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