

CONSTRUCTION MANAGEMENT (B.S.C.M.)

GOALS

This Bachelor of Science program will:

- ▶ Deliver graduates trained to incorporate planning, coordination and building skills to take a project from conception to completion.
- ▶ Provide guidance on working with architects, engineers, financial experts, suppliers and public stakeholders.
- ▶ Focus on commercial and residential construction using sustainable methods through a team-based, interdisciplinary learning philosophy.



EDUCATIONAL OBJECTIVES

- ▶ Provide graduates with knowledge for leadership in sustaining our world with critical thinking skills required for effective, innovative practice, with emphasis on technologies needed to solve problems and deliver successful construction projects.
- ▶ Produce graduates who pursue lifelong learning through continuing education and/or advanced degrees in construction management or related fields.
- ▶ Inspire graduates to progress to professional certifications and/or licensure and to continue to develop professionally by participating in related industry organizations and development activities.



BUILDING A FUTURE

According to the latest figures released by the U.S. Bureau of Labor Statistics:

- ▶ The **mean annual wage** for construction managers in 2017 was estimated at **\$101,000 (\$48.56 per hour)**, with the top 25 percent earning an average of \$121,570.
- ▶ There were **403,800 construction management jobs** in the U.S. in 2016, with the forecast through 2026 estimating that **44,800 new positions** will be created. That projected **11 percent industry growth** is faster than the national average for most professional careers.
- ▶ **Florida ranks third nationally** among states (behind California and Texas) **with the highest employment level of construction managers**, with the metropolitan markets in FGCU's home region of Collier County and Lee County ranking third and eighth, respectively, in the U.S.





CAREERS

- ▶ Construction manager
- ▶ General contractor
- ▶ Project manager
- ▶ Drafter
- ▶ Building inspector
- ▶ Safety supervisor
- ▶ Property or facility manager
- ▶ Superintendent
- ▶ Equipment manager
- ▶ Estimator

EMPLOYERS

- ▶ Construction companies
- ▶ Architecture firms
- ▶ Engineering firms
- ▶ Infrastructure companies
- ▶ Government agencies
- ▶ Fabrication companies
- ▶ Schools, colleges and universities
- ▶ Transportation companies
- ▶ Utility companies
- ▶ Self-employed contractor

LEARNING FACILITIES

▶ **HOLMES HALL (1):** As home base of the U.A. Whitaker College of Engineering, Holmes Hall is specifically designed for student-centered teaching. Among its unique features are the **Construction Methods Laboratory**, a 6,000-square-foot, open-air, covered worksite; the **Virtual Immersive Portal for Engineer Research (VIPER) Lab**, which creates virtual-construction technology in present time through cameras, motion detectors, speakers and computers; and the **Johnson-Prewitt Engineering High Bay**, which provides space for teaching and research activities and features a 2-ton capacity Gorbel Crane System with an electric-driven carriage and hoist for horizontal travel and vertical lifting.

▶ **EMERGENT TECHNOLOGIES INSTITUTE (2):** This 6.5-acre, research-and-development complex just northeast of the main campus includes the 26,000-square-foot main **ETI building** of classrooms, research labs and a multipurpose conference room; and an outdoor **Energy Park** that serves as a teaching venue for testing new solar technologies.

PROGRAM DIRECTOR

▶ **Craig Capano, Ph.D., CPC**, is the founding department chair and a professor in FGCU's Construction Management program, joining the university in January 2019.

He brings an extensive academic and professional resume to the new position, and has previous experience starting similar programs at the Milwaukee School of Engineering, Western Carolina University and Wentworth Institute of Technology in Boston. He also served in administrative and faculty roles at Clemson, Mississippi State, Everglades University and Santa Fe College. His many honors include National Outstanding Educator Awards from both the American Institute of Constructors and Associated General Contractors of America.

Professionally, Dr. Capano has more than 40 years of experience in the construction industry and currently serves as principal of The Capano Group, a consulting firm for contractors and construction education.



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