

U.A. WHITAKER COLLEGE OF ENGINEERING

MASTER OF SCIENCE IN ENGINEERING CONSTRUCTION CONCENTRATION

OVERVIEW

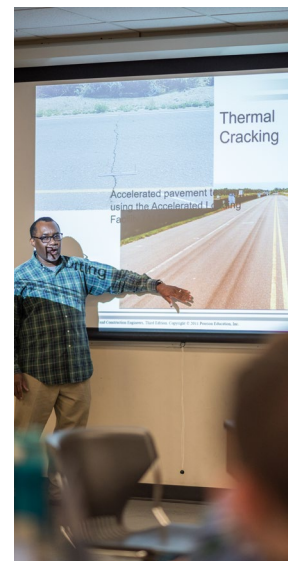
The U.A. Whitaker College of Engineering and the Department of Construction Management now offer a unique opportunity to **earn a Master of Science in Engineering (M.S.E.) degree with a concentration in Construction in just 19 months.** The new Construction concentration, launching in Fall 2020, is open to **qualified working professionals who have completed a regionally accredited undergraduate degree** from any U.S. college or university.

ADVANTAGES

- ▶ Increase your earning and promotion potential
- ▶ A great alternative to an MBA for working professionals in construction and/or engineering careers
- ▶ This multi-discipline graduate program has no Engineering prerequisites
- ▶ Degree can be structured as thesis or non-thesis option.
- ▶ GRE requirement may be waived for applicants with minimum 3.2 GPA in upper-division coursework (last 60 credit hours) within the last seven (7) years from an accredited undergraduate degree program in Engineering or Construction Management.
- ▶ Low in-state graduate tuition fees
- ▶ Designed for individuals who want to interact with peers using state-of-the-art online instructional methods. Typically, two 3-credit courses are taken each semester (Fall, Spring, Summer)
- ▶ Learn from instructors with extensive construction and industry experience.

REQUIREMENTS

- ▶ **Earned baccalaureate degree in Engineering or Construction Management, or baccalaureate degree in a closely related discipline**, from a regionally accredited institution of higher learning.
 - ▶ Grade Point Average (GPA) must be of 3.0 or higher for the last 60 credits of undergraduate coursework.
- ▶ **International students** must have a **bachelor's in engineering or a science-related field and submit TOEFL or IELTS**





**CONSTRUCTION
MANAGEMENT**

fgcu.edu/eng/mse

TYPICAL COURSE OFFERINGS

- ▶ **Both the Non-Thesis and Thesis** options for the Construction concentration require **completion of 10 courses, each 3 credit hours.**
- ▶ **Courses common to both options** include Construction Management, Equipment and Methods, Comprehensive Estimating, Advanced Planning and Control, Construction Finance, Engineering/Project Management, Research Methods, and Advanced Engineering Analysis.
- ▶ The **Non-Thesis Option** adds courses in Construction Law and either a project or Special Topics in Engineering course
- ▶ The **Thesis Option** requires 1 and 2 level Thesis courses.

ABOUT THE M.S.E. PROGRAM

- ▶ The **Master of Science in Engineering (M.S.E.)** prepares students for leadership positions in industries working to solve some of the world's most challenging problems by applying science and technology in innovative ways.
- ▶ Besides the **new Construction concentration**, other concentrations are **Renewable Energy Engineering** and **Sustainable Water Engineering.**
- ▶ This 30 credit-hour degree program can be pursued on a **full- or part-time** basis. Classes are held either **online or in the evenings** for working adults.
- ▶ The program takes **fewer than two years** to complete, tuition support may be available, and the **GRE requirements can be waived** for qualified applicants.
- ▶ We offer **small class sizes** and **opportunities for research and professional development.**

TO LEARN MORE, VISIT
FGCU.EDU/ENG/MSE OR CONTACT

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Innovative solutions by thoughtful analysis and creative design.