Managing a team of technical professionals requires a unique blend of engineering and business expertise. Engineering managers must understand complex technical concepts and possess the leadership skills necessary to meet project goals. Florida Tech's Master of Science in Engineering Management is designed for engineers seeking to enhance their technical expertise and lead dynamic work teams. The program places a strong focus on technical project management.

**Why Engineering Management at Florida Tech?**

Florida Tech has more than 30 years of experience educating engineering management professionals. Our location on the Space Coast's high-tech corridor provides students with opportunities to interact with some of the most respected names in technology, including NASA and several defense and commercial technology companies. As a top engineering university, Florida Tech is home to the advanced resources of the F.W. Olin Engineering Complex as well as several engineering laboratories and research facilities. These capability-rich environments ensure that students can complete meaningful research that aligns with their career goals.

**Faculty**

All faculty in the engineering management program bring years of industry experience to the classroom, providing students with a real-world understanding of the engineering environment and engineering issues. As a result, our faculty members are able to quickly eliminate the student/faculty barrier and explain complicated concepts in an easy and practical manner. Through their research, the engineering management faculty publishes several journal and conference papers each year on topics including:

- Health care management
- Engineering process optimization
- Enterprise architecture development
- Multi-national engineering project management
- Work group formation and performance prediction

**Culture**

The majority of engineering management students are industry professionals, who benefit from an academic environment that is mature, cooperative and friendly. Many of the students in the program are international. Students support each other through project teams consisting of domestic and international students from diverse engineering backgrounds. This unique culture allows students to learn important business practices in ethics and cultural sensitivities.

**Research Portal**

Want to learn more about the cutting-edge research happening at Florida Tech? Visit our research portal and discover something new: www.fit.edu/research/portal
Research Overview
Team assignments are an essential part of the engineering management program. Students tackle problems and challenges that are not merely theoretical in nature, but which are practical issues regularly encountered in industry. This team-oriented approach provides students with the opportunity to bring their own unique insights and expertise to the group while achieving a common goal. Research in the engineering management program is undertaken through in-class projects, special independent study topics and master’s theses. Research topics include:
• Quality engineering
• Project engineering
• Engineering operations and logistics
• Technology commercialization
• Game theory

Careers
Engineering management graduates are well prepared for leading work teams in many different high-tech fields and firms around the world. Graduates often benefit from career advancement opportunities within their current organization. Because of Florida Tech’s proximity to world-renowned engineering firms, many graduates are employed by such companies as NASA, Harris, Northrop Grumman, General Electric, Rockwell Collins and DRS. Job opportunities for graduates include:
• Lead engineer
• Technical supervisor
• Project manager
• Engineering liaison and/or advisor
• Upper management