MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

Program Overview

The ITU Engineering Management program is designed to equip engineers and business specialists with the skills to lead technical projects or businesses in fast-paced, technological industries. In a globalized economy driven by advances in science and technology, tech leaders must stay on top of trends and adapt to rapidly changing conditions. They must also be innovative in motivating and retaining their staff.

The skills and knowledge offered in ITU's Engineering Management program include a broad exposure to common engineering management topics such as leadership, organizational theory, project management, financial management, operations and supply chain management, quality management, systems thinking, risk management, intellectual property, and more. We also work to ensure that students develop a solid understanding of technology management and innovation, as well as product management and marketing. From start to finish, ITU's training is project-focused and practical.

Why You Should Apply

ITU Engineering Management degree can provide you with several advantages in the job market:

- A unique degree in Engineering Management that demonstrates the technical ability to tackle challenging work and the soft skills required in business management, such as outstanding communication, collaboration, and creative business strategies.
- An industry demand for individuals with technological training.
- Statistics showing that engineering management graduates earn a premium over graduates from other degree programs.

Curriculum Highlights

Our 36 credit hour curriculum is completed in 16 months. The 36 credit hours are composed of core courses, electives, cross disciplinary electives, capstone or thesis, and an internship.

Sample Courses

Internet of Things Management	Cloud Computing Management
Cybersecurity Management	Business Analysis for Software Development

36 credit hours

16 Months for Full Time | **32 Months** for Part Time

Admission Requirements

Bachelor's Degree With a minimum GPA of 2.75 or a Master's degree with a minimum GPA of 3.0.

Proof of English proficiency*: All applicants whose native language is not English and who did not receive either a bachelor's or graduate degree from an English-speaking institution must take an English proficiency test.

Test of English as a Foreign Language (TOEFL) examination; 78 or better for the internet-based test (ibt).

International English Language Testing System (IELTS) examination; band score of 6.0 or better for the academic module.

Demonstrate commitment to contribute to and complete the program.

U.S. citizens or U.S. Permanent* Residents that have earned an undergraduate or graduate degree from a regionally accredited institution in the U.S. are waived from this requirement.

Deadlines

Applications are reviewed on a rolling basis and considered for admission to the next available trimester start date.

One-On-One Advising

We are here to help. Email us for application assistance at **admissions@itu.edu**

Studying In Silicon Valley

ITU is in the heart of Silicon Valley. Our centrally located campus allows students to uncover the far-reaching opportunities offered in one of the world's leading business hubs. As an ITU student, you will study among some of the world's biggest companies. Our campus neighbors the headquarters of leading firms such as Facebook, Google, and eBay. The university's location gives each student the chance to learn and network with the best talent in the tech field.

Outside of your studies, you can spend your spare time exploring the distinctive culture of Northern California. Discover the exciting nightlife of the area by visiting local hotspots such as San Francisco's Haight-Ashbury and Pier 39. Take a break from city life with a day trip to some of California's premier beaches and mountain trails. Or spend a weekend further north touring Napa's Wine District, traversing Yosemite, or enjoying the many activities found in bustling Lake Tahoe.

CAREER DEVELOPMENT

RENOWNED FACULTY

SILICON VALLEY RESOURCES

ENTREPRENEURSHIP

Career Opportunities

• Project Manager
• Project Lead
• Product Manager
• Engineering Manager
• Business Analyst

2%

Projected job-growth rate for Engineering Managers.

$134,730

Median annual wage for Engineer Managers in 2016.

U.S. Bureau of Labor Satistics

DEPARTMENT CHAIR OF ENGINEERING MANAGEMENT

Tom Tafolla, JD, received his Bachelor of Science (B.S.) degree in Psychology from Santa Clara University and his J.D. from the University of San Francisco. Professor Tafolla is actively engaged in bringing the Engineering Management curriculum in line with standards set by the American Society for Engineering Management (ASEM), the IEEE Technology and Management Society, as well as assessing the practices of the Masters of Engineering Management Programs Consortium (MEMPC), an elite association of Ivy League and other prominent schools that offer engineering management training.

About ITU

ITU pioneers an industry-focused educational model to deliver education globally. ITU's pedagogy cultivates innovative thinking, ethical leadership, and entrepreneurial spirit through practical, industry-relevant curriculum reflecting Silicon Valley's culture. ITU closes the employment skills gap and empowers students to lead successful, enriching lives as meaningful contributors to the global community.

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