



# Master of Science in Engineering Management & Leadership

This career-building graduate program is designed for students to gain a comprehensive understanding of how to manage technology teams and projects to become influential leaders of global technology organizations.

## WHO IS THE PROGRAM FOR?

The MS Engineering Management and Leadership program is designed for technical professionals who are ready to take the next step in their career. Ideal candidates will have a command of technical/engineering skills along with a prior management and leadership experience. Students will be instructed and trained on how to be leaders who can:

- Influence and lead flat, diverse and dynamic technology organizations
- Effectively manage complex customer and vendor interactions
- Succinctly communicate value to all stakeholders
- Define and implement innovative and creative strategies
- Develop and articulate comprehensive solutions to large scale business and technological challenges

Graduates will be well-suited for high-level careers in any field where management requires a balance of technical ability and the capacity to be adaptable, strategic, innovative and influential.



### IN PERSON

Learn in person with your peers at USD's beautiful campus



### 16 MONTH PROGRAM

- Complete the program in 3 semesters
- Intakes in Fall and Spring
- No required coursework over the Summer



### 30 UNIT PROGRAM

Students take three courses per semester



### TUITION

Per Unit: \$2,000  
Total Cost: \$60,000  
Scholarships Available

## CONTACT

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Regionally Accredited by:

**WASC** | Senior College and University Commission



# OPPORTUNITY CALLS: JOIN THE FRONTLINES OF INNOVATION

The Master of Science in Engineering Management and Leadership is a 30-unit project-based program that is offered full-time in person. Students will learn how to manage complex customer and vendor interactions, communicate value to all stakeholders, define and implement innovative strategies and develop comprehensive solutions to business challenges.

## PROGRAM OBJECTIVES

- Lead complex technology organizations managed by managers/directors, product groups consisting of product managers, project managers, operations groups consisting of engineering, manufacturing and supply chain groups led by managers/directors.
- Develop organizational structure and culture that promote the kind of innovation and intrapreneurship needed to enable the company to be market nimble.
- Develop a strategic vision and corporate mission and goals that align with the strengths of the technology-based corporation and manage risks.
- Interpret the elements of competitive advantage and the challenges and solutions to implement them.
- Develop a personal style of technology leadership based upon an understanding of the model of influence most aligned with their natural abilities.
- Build high performing teams, manage productivity and handle personnel issues with the comprehension of the impact Social System Concepts have within organizations.

## ADMISSION REQUIREMENTS

- Bachelor's degree in a STEAM or business professional field from a regionally accredited institution (official transcripts required) with cumulative GPA of 2.75 or higher
- Statement of purpose (minimum 500 words)
- Resume or Curriculum Vitae
- Recommendation letters either from candidate's current super supervisor/manager or external references
- International students will require a TOEFL score of 83 or more or a Duolingo minimum score of 120

## COURSE LIST

- Introduction to Technology and Engineering Management
- Introduction to Technology and Engineering Leadership
- Emerging Technology Trends and Startups
- Tomorrow's Platforms, Products and Services
- Competing Strategically
- Building Resilient Technology Businesses
- Value Chain of Engineering Organizations
- Sustainability, Ethics and Compliance
- Decision Analysis
- Capstone

*This program is the ultimate choice for the aspiring technical leader. It provides a more targeted approach than the typical MBA path and is designed to equip students with the technical skills and leadership qualities that top technology organizations are looking for.*