



## MASTER OF SCIENCE IN ENGINEERING MANAGEMENT

### PROGRAM OVERVIEW

The Master (ME) in Engineering Management is a graduate program combining the up-to-date technology of engineering projects with management skills to give working professionals the competitive edge in a fast changing global environment. As an international hub of world class engineering projects, Dubai is the perfect place to undertake such a program. This concentration enables you to cover the dual aspects of being an engineering manager, both as a technologist and a business expert and will provide you with a thorough background in areas such as organizational behavior, finance, and accounting, as well as industrial engineering expertise.

You'll undertake a study program from the Saunders College of Business to complement the engineering course work, ensuring you are well positioned to take on challenges and lead in the sector.

**Flexible Timings:** Class schedules cater to working professionals, providing intensive seminars offered in evenings at our campus in Dubai Silicon Oasis.

### POSSIBLE CAREER OPTIONS

The Master of Engineering Management degree qualifies professionals for a diverse array of exciting jobs, including:

Engineering Project Manager, Senior Lead Analyst, Cost Systems Analyst, Construction Management Engineer, Industrial Management Engineer.

# CURRICULUM

## TYPICAL COURSE SEQUENCE

## CONTACT US

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COURSE						
Curriculum			Credits	Curriculum		Credits
First Year			Second Year - Capstone Option			
ISEE - 750	Systems and Project Management	3		Engineering Management Electives	6	
ISEE - 771	Engineering of Systems I	3		Electives	6	
ACCT - 603	Accounting for Decision Makers	3	ISEE - 792	Engineering Capstone	3	
ISEE - 760	Design of Experiments	3	Second Year- Research Option			
	Engineering Management Elective	3		Engineering Management Electives	6	
	Electives	3		Electives	3	
			ISEE - 790	Research thesis	6	
Total Semester Credit Hours – 33						
Available Courses for Engineering Management						
Required/Core Courses			Engineering Management Elective Courses (Choose 3)			
ACCT - 603	Accounting for Decision Makers	3	GRCS - 701	Research Methods	3	
ISEE - 750	System and Project Management	3	SERQ - 712	Breakthrough Thinking, Creativity and Innovation	3	
ISEE - 760	Design of Experiments	3	MGMT - 740	Organizational Behavior & Leadership	3	
ISEE - 771	Engineering of Systems	3	ISEE - 728	Production System Management	3	
ISEE - 760	Design of Experiments		ISEE - 770	Product and Process Design and Development	3	
Electives (Choose 3)			Exit Tool			
ISEE - 691	Life Cycle Assessment	3	ISEE - 792	Engineering Capstone	3	
ISEE - 711	Advanced Simulation	3	ISEE - 790	Research thesis	6	
OEEE-600+ & MEME-600+ All available ME& EE courses as applicable to the student background & interest		3				

## ACCREDITATION

The program is accredited by the UAE Ministry of Education - Higher Education Affairs and Scientific Research and is licensed by the KHDA. According to Princeton Review and U.S. News & World Report, RIT's master's degree programs are ranked among the best master's degree programs in the United States of America.