

Engineering Management (EMGT)

EMGT 500 Managing in the STEM Environment 3 Credits (3,0)

Management skills in STEM environments; technical communication skills as a component of STEM management professionalism.

Course Offered at: Worldwide, Asia

EMGT 520 Quality for Projects and Operations 3 Credits (3,0)

Introduction to quality management systems and statistical process control techniques; quality thought leaders.

Prerequisites: EMGT 500

Course Offered at: Worldwide

EMGT 530 Project Scheduling and Risk Management 3 Credits (3,0)

Project schedule characterization by scope, activities, resource assignments; iterative nature of risk identification and analysis.

Prerequisites: EMGT 500

Course Offered at: Worldwide

EMGT 599 Special Topics in Engineering Management 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in engineering management.

Course Offered at: Daytona Beach, Prescott, Worldwide

EMGT 620 Technology and Innovation Management 3 Credits (3,0)

Creation of technology roadmaps; configuration policy in complex systems; intellectual property; strategic frameworks and organizational structures for innovation.

Prerequisites: EMGT 500

Course Offered at: Worldwide

EMGT 690 Engineering Management Capstone 3 Credits (3,0)

Mastery of engineering management topics including project plans, financial analysis, quantitative analysis, quality management, ethics. Required for American Society for Engineering Management aligned studies.

Prerequisites: HROM 510, HROM 520, HROM 530, EMGT 520, EMGT 530, EMGT 620, and FINE 610

Course Offered at: Worldwide

EMGT 699 Special Topics in Engineering Management 1-6 Credit (1-6,0)

Individual, independent, or directed studies of selected topics in engineering management.

Course Offered at: Daytona Beach, Prescott, Worldwide