

Project Management (PMGT)

PMGT 500 Foundations of Project Management 3 Credits (3,0)

Introduction to the project management profession and international methodologies. Examination of project manager roles and organizational governance.

Course Offered at: Worldwide, Asia

PMGT 505 Aviation Project Management and Frameworks 3 Credits (3,0)

Overview of aviation project management with emphasis on international and aviation-specific frameworks. Focuses on organizational governance and the unique characteristics of aviation projects.

Course Offered at: Worldwide

PMGT 515 The Project Lifecycle and Methodologies 3 Credits (3,0)

Examines the aviation project lifecycle and project management methodologies. Focuses on predictive and iterative approaches to managing projects in aviation settings.

Prerequisites: PMGT 505

Course Offered at: Worldwide

PMGT 520 Fundamentals of Project Scope, Schedule, Cost, and Resource Management 3 Credits (3,0)

Focuses on developing and managing project scope, schedule, cost, and resources. Emphasizes technical skills in project initiation, planning, execution, and control, integrating management and project techniques for successful completion.

Course Offered at: Worldwide, Asia

PMGT 530 Fundamentals of Project Quality, Communication, Stakeholder, Resource, and Procurement Management 3 Credits (3,0)

Focuses on managing project quality, communication, stakeholder engagement, and procurement. Emphasizes integration of technical and management skills to initiate, plan, execute, and control projects.

Prerequisites: PMGT 500

Course Offered at: Worldwide, Asia

PMGT 549 Applied Project Management 1.5 Credit (1.5,0)

Offers exposure to project management tools and software. Focuses on applying key performance metrics for success in real-world project scenarios.

Course Offered at: Worldwide

PMGT 550 Project Management Professional 3 Credits (3,0)

Equips project managers with essential skills in managing teams, navigating challenges, conflict management, and team leadership. Emphasizes emotional intelligence and negotiation within project environments.

Course Offered at: Worldwide

PMGT 560 Construction Project Professional 3 Credits (3,0)

Focuses on contracts management in construction projects. Addresses contract lifecycle, risk, claims, and interface management aligned with global construction standards.

Course Offered at: Worldwide

PMGT 575 Agile Project Management Professional 3 Credits (3,0)

Applies agile principles within project teams. Emphasizes value-driven delivery, stakeholder engagement, and continuous improvement to foster self-organization and high performance.

Course Offered at: Worldwide

PMGT 599 Special Topics in Project Management 1-6 Credit (1-6,0)

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

Course Offered at: Daytona Beach, Prescott, Worldwide

PMGT 600 Organizational Decisions for Project Preparation and Launch 3 Credits (3,0)

Explores project lifecycle stages, integration strategies, and organizational fit for projects. Addresses supply chain, safety, human resource strategies, and sustainability assessments.

Prerequisites: PMGT 505

Course Offered at: Worldwide

PMGT 610 Aviation Project Planning 3 Credits (3,0)

Develops comprehensive project plans in high-risk aviation settings. Emphasizes regulatory compliance, risk mitigation, and project integration across aviation practices.

Prerequisites: PMGT 505

Course Offered at: Worldwide

PMGT 613 Assessing and Managing Project Risk 3 Credits (3,0)

Investigates planning, identification, qualitative and quantitative analysis, and control of project risks. Focuses on managing threats and opportunities in complex project environments.

Prerequisites: PMGT 530

Course Offered at: Worldwide, Asia

PMGT 614 Directing and Controlling Projects 3 Credits (3,0)

Focuses on managing complex projects by directing and controlling project activities. Includes practical exercises using project management software to develop higher-level project management skills.

Prerequisites: PMGT 613

Course Offered at: Worldwide

PMGT 620 Advanced Project Planning 3 Credits (3,0)

Master advanced techniques such as Monte Carlo, PERT, and earned value methodologies. Focuses on optimizing outcomes through advanced planning and project audits.

Prerequisites: PMGT 610

Course Offered at: Worldwide

PMGT 630 Project Execution - Predictive 3

Credits (3,0)

Applies predictive project management tools tailored for high-risk aviation settings. Focuses on risk metrics, change control, earned value management, and compliance with regulatory requirements.

Prerequisites: PMGT 620

Course Offered at: Worldwide

PMGT 640 Project Execution - Agile 3 Credits

(3,0)

Applies agile project management tools in high-risk aviation settings. Focuses on adaptability, change control, risk metrics, and earned value management while ensuring regulatory compliance.

Prerequisites: PMGT 620

Course Offered at: Worldwide

PMGT 650 Advanced Project Management

Professional 3 Credits (3,0)

Focuses on processes, communications, stakeholder engagement, and governance aligned with global project management standards. Emphasizes strategic execution of projects and change management.

Course Offered at: Worldwide

PMGT 652 Concepts and Practices of Project

Management 3 Credits (3,0)

Covers the complete project lifecycle, including planning, executing, monitoring, and closing. Emphasis on global project management standards and terminology.

Course Offered at: Worldwide

PMGT 660 Advanced Construction Project

Professional 3 Credits (3,0)

Focuses on stakeholder engagement, scope management, and governance in construction projects. Addresses communication, strategy, and governance issues using methodologies like Obeya and Commitment-based Management.

Course Offered at: Worldwide

PMGT 675 Advanced Agile Project Management

Professional 3 Credits (3,0)

Focuses on adaptive planning, problem detection, and continuous improvement in agile project management. Emphasizes communication, risk resolution, and fostering team performance.

Course Offered at: Worldwide

PMGT 690 Project Management Capstone 3

Credits (3,0)

Provides opportunity to apply knowledge gained throughout the program. Emphasizes technical project management, leadership, and business strategy.

Prerequisites: (PMGT 515, PMGT 600, PMGT 630, PMGT 640) and (PMGT 550 and PMGT 650) or (PMGT 560 and PMGT 660) or (PMGT 575 and PMGT 675) or (AMNT 605 and AMNT 615)

Course Offered at: Worldwide

PMGT 699 Special Topics in Project

Management 1-6 Credit (1-6,0)

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

Course Offered at: Daytona Beach, Prescott, Worldwide