COURSE SYLLABUS

FPM 231: Applications in Project & Program Management Course (Self-Paced)

This course equips mid-level federal program and project managers with advanced skills to manage complex, multi-dimensional projects across the full life cycle. Participants learn to integrate cost, schedule, and performance objectives through systems engineering, requirements management, and test and evaluation to achieve mission success.

> Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/courses/fpm-231-applications-in-project-program-management-course-self-paced



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Course Outline

Module 1: Federal Acquisition Overview

- Map a program to the acquisition life cycle and key decision points.
- Recognize core planning documents and who produces or approves them.
- Distinguish statutory vs. policy drivers that shape program choices.

Module 2: Requirements Development & Program Management

- Translate stakeholder needs into verifiable requirements.
- Maintain traceability as scope and priorities evolve.
- Govern changes with impact analysis on cost, schedule, and risks.

Module 3: Systems Engineering

- Apply systems thinking to balance performance, risk, and feasibility.
- Use technical reviews and trade studies to inform decisions.
- Plan risk handling and configuration control.

Module 4: Test & Evaluation (T&E)

- Tailor T&E strategy to validate requirements and mitigate risk.
- Define measures, data needs, and success criteria.
- Use findings to support go/no-go recommendations.

Module 5: Lifecycle Logistics

- Integrate sustainment, supportability, and total ownership cost.

- Plan spares, training, and technical data for long-term availability.
- Build performance-based sustainment metrics.

Module 6: Putting It All Together

- Synthesize acquisition, engineering, T&E, and logistics into one plan.
- Conduct an integration exercise and draft an on-the-job (OTJ) action plan.