

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 in Live Online and onsite training is 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.