COURSE SYLLABUS

FAC-P/PM Mid Level Certificate Program

Advance your ability to run complex federal programs, from requirements and systems engineering through contracting, cost control, and team leadership.

> 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/certificates/fac-p-pm-mid-level-certificate-program



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Course Outline

This package includes these courses

- FPM 231: Applications in Project & Program Management Course (32 Hours)
- FPM 232: Applications in Contracting Course (24 Hours)
- FPM 233: Applications in Business, Cost & Financial Management Course (24 Hours)
- FPM 234: Applied Leadership in Projects & Programs Course (16 Hours)

AI for Project Management Course

FPM 231: Applications in Project & Program Management Course

This course is designed to help mid-level federal program and project managers strengthen their ability to lead complex projects through advanced systems management and analytical practices. Through expert-led instruction, collaborative exercises, and real-world applications, participants learn to integrate cost, schedule, and performance objectives to achieve long-term mission success.

- Examination of the federal acquisition process and the planning documents that guide program and project success.
- Advanced techniques for developing and managing evolving requirements throughout the project life cycle.
- Application of systems engineering principles and technical management tools to integrate key project objectives.
- Use of test and evaluation as a critical decision-making tool to ensure solutions meet performance standards.
- Exploration of total life-cycle systems management strategies, including logistics, sustainment, and post-deployment considerations.
- Development of a personalized on-the-job action plan to apply newly gained systems management and leadership skills.

FPM 232: Applications in Contracting Course

This course is designed to help mid-level federal program and project managers strengthen their ability to manage contracting activities across the federal acquisition lifecycle. Through expert-led instruction, case studies, and practical exercises, participants learn how to apply the Federal Acquisition Regulation (FAR) to achieve best value, mitigate risk, and ensure

successful contract performance.

- Understanding how federal contracting differs from commercial practices and the structure of the Federal Acquisition System.
- Applying the Federal Acquisition Regulation (FAR) throughout all phases of the acquisition lifecycle.
- Developing acquisition strategies, conducting market research, and leading source selection and award decisions that balance cost, risk, and mission requirements.
- Managing post-award activities, including contract administration, performance monitoring, and change management.
- Collaborating effectively with Contracting Officers and Contracting Officer's Representatives (CORs) to ensure compliance and program success.
- Enhancing communication, negotiation, and leadership skills to improve coordination across acquisition teams.

FPM 233: Applications in Business, Cost & Financial Management Course

This course is designed to help mid-level federal program and project managers strengthen their financial management and analytical skills for effective decision making. Through expert-led instruction, case discussions, and applied exercises, participants learn to build credible business cases, manage budgets, and use performance data to guide program outcomes.

- Developing cost estimates and analyzing cost types to support project planning and execution.
- Building strong business cases that align with agency priorities and strategic objectives.
- Understanding the federal budgeting process and its impact on funding and program management.
- Applying earned value management (EVM) to monitor cost, schedule, and performance metrics.
- Evaluating financial data to assess resource utilization and project performance.
- Communicating financial results and recommendations to stakeholders and decision makers effectively.

FPM 234: Applied Leadership in Projects & Programs Course

This course is designed to help mid-level federal program and project managers strengthen the leadership and interpersonal skills needed to guide high-performing teams. Through expert-led instruction and practical application, participants learn to foster trust, build relationships, and lead with integrity in complex federal environments.

- Developing effective communication and collaboration strategies to inspire and motivate team members.
- Applying techniques for managing conflict, navigating change, and maintaining focus under pressure.
- Building stakeholder relationships and promoting accountability across diverse teams.
- Practicing ethical decision making and leading by example to enhance team credibility and trust.
- Strengthening coaching and mentoring skills to encourage innovation and professional growth.
- Creating an action plan to apply leadership strategies that improve performance within federal projects.