COURSE SYLLABUS

FAC-P/PM Senior Level Certificate Program

Lead large, complex federal programs with a systems perspective, from acquisition strategy and life-cycle costing to strategic 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-senior-level-certificate-program



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Course Outline

This package includes these courses

- FPM 331: Progressive Concepts in Program Management Course (32 Hours)
- FPM 332: Progressive Contracting Strategies for Programs Course (24 Hours)
- FPM 333: Progressive Business, Cost, and Financial Management Course (24 Hours)
- FPM 334: Progressive Leadership in Program Management Course (16 Hours)

AI for Project Management Course

FPM 331: Progressive Concepts in Program Management Course

This course is designed to help senior-level federal program and project managers master the principles of systems development and total life cycle management. Through expert-led instruction and analysis of real-world federal program scenarios, participants learn to integrate technical disciplines with strategic objectives to ensure mission success across complex programs.

- Exploring the full systems development process, from requirements and technology integration to testing and evaluation.
- Applying systems engineering and logistics principles to balance cost, schedule, and performance objectives.
- Developing strategies for managing program risks and anticipating challenges throughout the life cycle.
- Strengthening leadership in program governance, decision making, and strategic alignment.
- Using systems thinking to ensure effective program execution, sustainment, and mission outcomes.
- Enhancing analytical and problem-solving skills through case studies and applied exercises.

FPM 332: Progressive Contracting Strategies for Programs Course

This course is designed to help senior-level federal program and project managers strengthen their ability to plan, manage, and oversee complex procurements within the government environment. Through expert-led instruction and practical exercises,

participants learn to integrate contracting strategies with program objectives to balance cost, risk, and performance across the acquisition lifecycle.

- Understanding the federal contracting environment and its regulatory framework.
- Developing comprehensive acquisition plans that align with agency missions and policies.
- Applying advanced contracting strategies that support effective resource management and mission outcomes.
- Managing the full acquisition lifecycle—from pre-award planning and source selection to post-award administration and contractor performance.
- Evaluating proposals and making informed decisions that balance technical merit, cost, and risk.
- Enhancing leadership and communication skills to guide contracting teams and stakeholders effectively.

FPM 333: Progressive Business, Cost, and Financial Management Course

This course is designed to help senior-level federal program and project managers strengthen their financial and business management expertise to support effective, accountable program execution. Through expert-led instruction and applied exercises, participants learn to analyze financial data, manage budgets, and align program resources with agency priorities and strategic goals.

- Planning, analyzing, and overseeing program finances throughout the project life cycle.
- Developing accurate cost estimates, budgets, and forecasts to inform strategic decisions.
- Evaluating and creating business case analyses that justify program investments.
- Applying earned value and performance measurement techniques to monitor progress and outcomes.
- Integrating financial planning and management within the broader federal budgeting process.
- Balancing cost, risk, and performance to ensure efficient use of resources and program accountability.

FPM 334: Progressive Leadership in Program Management Course

This course is designed to help senior federal program and project managers build the advanced leadership skills needed to guide large, complex, and high-impact initiatives. Through expert-led instruction, case studies, and practical exercises, participants learn to lead strategically, manage organizational change, and inspire collaboration across diverse teams within the federal acquisition environment.

- Developing a total systems perspective to understand how leadership decisions influence programs, organizations, and mission outcomes.
- Applying advanced leadership models to strengthen decision making and strategic alignment.
- Fostering an organizational culture that promotes accountability, innovation, and continuous improvement.
- Leading diverse, cross-functional teams effectively across complex federal environments.
- Implementing strategies to manage conflict, drive change, and enhance team performance.
- Strengthening communication and collaboration to achieve mission success and organizational excellence.