

IT PM: CORE PRINCIPLES AND PROCESSES

SYNOPSIS

Designed specifically for Federal IT professionals who have already earned their FAC-P/PM certification IT PM: Core Principles and Processes course is fully FAI-verified as meeting 20 IT Specific Outcomes for the competencies included in the core FAC-P/PM Standard.

The course provides a 24-hour continuing education course that extends the experienced FAC-P/PM professional's skill set.

LEARN

- Access, evaluate, and monitor IT programs or projects for compliance with Federal laws, regulations, and guidance
- Comprehend and apply principles of modular development to support IT development and delivery
- Comprehend current federal IT-specific planning and guidance
- Implement a budget to support modular IT development
- Apply modular development project management principles to support rapid delivery schedules
- Apply principles of modular contracting to support system development
- Contribute to addressing the challenges associated with modular development approach

This course uses digital materials.

TOPICS

IT PROJECT MANAGEMENT OVERVIEW

- Relevant IT-Specific Laws, Policies, and Guidelines
- Business Process Re-engineering Methods and Techniques in IT Project Management
- IT Project in Larger IT Initiatives
- Principles and Methods of Cost-Benefit Analysis for Project Selection
- Appropriate IT Project Management Methodology Selection

IT CAPITAL PLANNING, INVESTMENT

ASSESSMENT AND REPORTING

- CIO Authority Enhancements
- Principles and Methods of Cost-Benefit Analysis as Part of the Capital Planning and Investment Assessment
- Acquisition Strategy Best Practices as Part of the Capital Planning and Investment Assessment
- Cots Technology Solutions Analysis

ASPECTS OF MODULAR DEVELOPMENT APPROACH

- Requirements Management in Modular Development
- Planning in Modular Development
- Manage the Risks in Modular Development
- Quality Assurance in Modular Development

ADDRESSING IT PROJECT MANAGEMENT CHALLENGES

- Budgeting Models to Support Modular IT Development
- System Engineering Practices in a Modular Development Framework
- EVM Requirements and Modular Development Processes

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