



# FPM 513 - FAC-PPM IT Core-Plus: IT Infrastructure and Architectural Design

Course Number: 6019

Length: 4 days

Primary Delivery Method: Instructor-led live classroom

## Course Description

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The course is geared towards IT project and program managers managing the acquisition, retention, use and disposition of information and the enabling technologies. The IT Infrastructure and Architectural Design course is part of the FAC-PPM IT Core-Plus Specialization Certification track and satisfies technical performance outcomes that are part of the 15 designated outcomes for IT Core-Plus Certification.

## Course Learning Objectives

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- Examine information technology (IT) knowledge domains of the federal government
- Select tools, equipment, and technologies used to assist individuals with disabilities to use computer equipment and software.
- Operationalize the principles, procedures, and tools of federal data management
- Gather, organize, and maintain information residing on information management systems
- Select the principles, methods, and tools to assess the effectiveness and practicality of information technology systems
- Administer the principles, methods, and techniques of information technology (IT) assessment, planning, management, monitoring, and evaluation
- Discover and implement new developments and applications of IT (hardware, software, telecommunications), emerging technologies to business processes, and information systems to meet organizational requirements
- Implement the principles, methods, and tools for the coordinated management of an IT program to include providing oversight of multiple IT projects, integrating dependent schedules and deliverables, and related activities

## Intended Audience

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This course is designed for IT Project managers who have completed their FAC P/PM certification at the Mid-Level and must obtain the FAC P/PM IT Core Plus Specialization.

## Prerequisites

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- Students must satisfy the competency requirements for FAC-PPM Level 2

## Pework

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There is no prework required for this course.

## Course Schedule

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DAY ONE	
MORNING	Lesson 1: Introduction to Federal Information Technology
LUNCH	
AFTERNOON	Lesson 2: Accessibility

  

DAY TWO	
MORNING	Lesson 3: Data Management
LUNCH	
AFTERNOON	Lesson 4: Information Management IT Performance Assessment

  

DAY THREE	
MORNING	Lesson 5: Information Resource Strategy and Planning
LUNCH	
AFTERNOON	Lesson 6: Technology Awareness

  

DAY FOUR	
MORNING	Lesson 7: IT Program Management
LUNCH	
AFTERNOON	Course Exam

## Learning Methods

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Presentation, class discussions, practical activities, group exercises, threaded case study, and action planning for on-the-job implementation.

## Requirements for Successful Completion

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Full (100%) attendance is expected and required. Successful completion of the course depends on full class attendance and active participation in individual and group exercises.

The final exam must be completed with a grade of 80% or higher.

## Credits

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### National Association of State Boards of Accountancy (NASBA)

- Field of Study: Computer Science
- Level: Intermediate
- CPEs: 32

### Professional Development Units (PDUs)

- Credits: 28

### Continuous Learning Points (CLPs)

- Credits: 32