

Frequently Asked Questions

Course Title: FPM 513 - FAC-P/PM-IT Core-Plus: IT Infrastructure and Architectural Design

Course #: 6020

Duration: 4 Days

Delivery Method: Instructor-led live classroom

Alternative Delivery Methods: Instructor-led online (synchronous)

1. What business or organizational need does this course address?

Address the specialized knowledge and abilities unique to IT project areas through this course focused on the FAC-P/PM IT Core-Plus specialization program. You will focus on technical performance outcomes and satisfy competencies related to IT Infrastructure & Architectural Design. Learn these skills and techniques through robust content, Federal examples, and hands-on exercises.

2. Who should attend?

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.

The purpose of this class is to know what is out there. IT architecture is heavily regulated by OMB, and it is important for IT project managers to understand how government systems are built.

3. What will I learn how to do in this course?

- Describe the principles, concepts, and methods of enterprise architecture to align IT strategy, plans, and systems with the mission, goals, structure, and processes of the organization
- Employ architectural methodologies in the design and development of information systems, including the physical structure of a system's internal operations and interactions with other systems
- Describe the architecture and typology of software, hardware, and networks, including LANS, WANS, and telecommunications systems, their components and associated protocols and standards, and how they operate and integrate with one another and with associated controlling software
- Apply methods and procedures to protect information systems and data by ensuring their availability, authentication, confidentiality, and integrity
- Demonstrate methods to select tools and procedures, including development of information security plans, to prevent information systems vulnerabilities and provide or restore security of information systems and network services
- Implement principles, methods, and tools for evaluating information systems security features against a set of specified security requirements, which includes developing certification and accreditation plans and procedures, documenting deficiencies, reporting corrective actions, and recommending changes to improve the security of information systems

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- Determine the principles and methods for planning or managing the implementation, update, or integration of information systems components
- Establish procedures to ensure production or delivery of products and services, including tools and mechanisms for distributing new or enhanced software

4. What kinds of activities are included in this course?

Presentation, class discussions, practical activities, and group and individual exercises

5. Are there prerequisites for this course?

Mandatory:

- Requires Mid or Senior level FAC-P/PM certification

6. Do I have to complete any prework for the course?

There is no prework required for this course.

7. Is this course applicable toward a professional certification?

Federal Acquisition Certification for Program and Project Managers (FAC-P/PM)

8. Does this course count for credit toward a Management Concepts Certificate Program?

No, this course is not applicable toward a Management Concepts Certificate Program. However, many Management Concepts courses do count for credit toward a Management Concepts Certificate Program. Click [here](#) to see a full list of Management Concepts Certificate Programs.

9. What credits do I earn by completing this course?

The following credits are available for this course:

NASBA CPEs: 32

NASBA Field of Study: Management Services

NASBA Level: Intermediate

CEUs: 2.5

PDU: 28

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CLPs: 32

10. What course(s) do you recommend after I complete this course?

- [FPM 331 - Progressive Concepts in Program Management](#)
- [FPM 332 - Progressive Contracting Strategies for Programs](#)
- [FPM 333 - Progressive Business, Cost, and Financial Management](#)
- [FPM 334 - Progressive Leadership in Program Management](#)
- [FPM 512 - FAC-P/PM IT Core-Plus: IT Management, Security, and Performance Assurance](#)
- [FPM 511 - FAC-P/PM IT Core Plus Management Competencies: Managing IT Projects](#)

11. What are Additional Features?

Most courses and training solutions have **Additional Features** designed to help every learner master and retain the concepts explored in the course. You can see which Additional Features are added to this course on the course page under the **Learning Objectives & Additional Features** tab – and for a more detailed exploration of our Additional Features, you can visit [this web page](#).