



FPM 513

IT Infrastructure And Architectural Design

Four-Day Instructor-Led Training

Classroom or Virtual

This course prepares you to plan, manage, and implement accessible, mobile-friendly websites and applications. You will learn to incorporate agile principles and best practices into the program business case and use tools to manage backlogs and forecast resource needs. Modern data and configuration management methods and tools will be introduced. You will also learn to assess the readiness of legacy applications for cloud migration. Business intelligence tools and practices will be discussed. Proactive methods of information assurance from planning through certification will be covered.

You will learn how to:

- ☑ Meet modern citizen expectations for customer experience and contact center services.
- ☑ Identify and implement special considerations for acquiring IT products to support citizens with special needs.
- ☑ Operationalize the principles, procedures, and tools of data management and optimization.
- ☑ Use established standards and metrics to categorize IT systems by the level of security commensurate with risk.
- ☑ Assess, evaluate, and monitor IT programs for compliance with federal laws, regulations, and guidance.
- ☑ Employ modern configuration management processes and tools.
- ☑ Assess legacy application readiness for cloud migration.
- ☑ Incorporate service delivery metrics and analytics into plans for operations and sustainment.
- ☑ Employ business intelligence tools for performance monitoring and to track progress toward technical goals.
- ☑ Review and update a program resource strategy, including capacity plans and gap analysis.
- ☑ Identify and analyze the value of new technologies to meet emerging stakeholder needs.
- ☑ Assess the fitness of a project and environment for agile development.
- ☑ Apply agile best practices including conduct of Agile IT Investment and Sprint Framework Reviews, a working board, and use-case development.
- ☑ Deliver useable increments and engage end users throughout development and user acceptance testing.

Learning Path

You must have already completed the FAC-P/PM level 2 training program or have Acquisition Career Manager approval.

Credits and Certification

This IT project management skills training offers you the opportunity to earn the following credits and certifications:

- ☑ FPM 513 meets the mid-level certification training requirements for the Federal Acquisition Certification for Program and Project Managers-Information Technology (FAC-P/PM-IT) core specialization.
- ☑ Successful completion of this course earns **32** continuous learning points (CLPs).

General Schedule

This course spans four days and is presented in the classroom or virtually. Classroom offerings meet for eight hours per day, while virtual instructor-led training offerings meet for six and one-half hours per day, with offline assignments making up the remainder of the time.