



## **FPM 511**

### **Managing IT Projects and Programs**

**Four-Day Instructor-Led Training**

**Classroom or Virtual**

This course prepares you to manage IT projects and programs using processes based on modular procurement. You will learn to craft a contract strategy that accommodates rapid changes in technology, multiple contractors, interoperability, and integration risk. This comprehensive course begins with strategy development then progresses through business reengineering, agile development, integration, and measurement of technical performance. Compliance with IT-related federal laws, regulations, and guidance will be highlighted throughout the course. Managing multiple stakeholders in cross-agency initiatives will be discussed as well.

#### **You will learn how to:**

- ☑ Collaborate with the office of the agency chief information officer (CIO) to define and implement information technology (IT) strategies and metrics to support fulfillment of agency strategic objectives.
- ☑ Develop a comprehensive acquisition strategy, business case, concept of operations, and cost-benefit analysis for a contemporary IT program.
- ☑ Demonstrate the principles and methods of IT capital investment analysis and business case analysis, including return on investment analysis.
- ☑ Implement business process reengineering or digitization of government processes.
- ☑ Develop change management strategies, including IT workforce change management.
- ☑ Comply with IT-specific federal laws, regulations, and guidance.
- ☑ Implement modular contracting methods and agile delivery based on the modular contracting toolkit.
- ☑ Apply quantitative methods of financial analysis to modular development efforts.
- ☑ Develop and manage a program budget based on the technology business management framework and taxonomy.
- ☑ Use IT market research and technology awareness to stay up-to-date with industry trends and alternative technologies.
- ☑ Integrate IT projects into programs and cross-agency initiatives, including dynamic schedules.
- ☑ Assess the quality and applicability of prototypes and commercial off-the-shelf COTS solutions.
- ☑ Manage, prioritize, and deliver customer-centric requirements, then report progress through TechStat.
- ☑ Manage risk, including assessment, of failures and consequences.
- ☑ Translate IT initiatives in business terms for stakeholders and set expectations.
- ☑ Plan and incorporate automated-quality checking, testing, and evaluation into agile delivery and DevOps.

## 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 511 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.