



FPM 512

IT Management, Security And Performance Assurance

Four-Day Instructor-Led Training

Classroom or Virtual

This course prepares you to manage twenty-first century IT projects and programs to meet citizens' needs in the most cost-effective way possible, while maintaining privacy and security. You will learn about IT modernization programs and initiatives that are improving the citizen's customer experience. Given cybersecurity threats, you will understand how risks can be mitigated to ensure mission success. You will learn to enable various cloud architectures and incorporate service-level agreements and analytics into an acquisition strategy.

You will learn how to:

- ☑ Ensure the agency enterprise architecture and capital planning and investment control (CPIC) process is integrated with strategic budget and planning.
- ☑ Incorporate security into enterprise and segment architectures in accordance with the Federal Information and Security Management Act and the National Institute of Standards and Technology (NIST) Framework for Improving Critical Infrastructure Cybersecurity.
- ☑ Work with centers of excellence teams to plan and operationalize agency objectives.
- ☑ Use the Federal Risk and Authorization Management Program (FedRAMP) to accelerate the adoption of secure cloud solutions.
- ☑ Use continuous monitoring initiatives and the continuous diagnostics and mitigation program as part of a risk management approach.
- ☑ Use strong authentication methods to tightly limit access to authorized systems.
- ☑ Use the Trusted Internet Connection (TIC) Initiative to reduce, consolidate, and secure telecommunication connections, as well as automatically enforce HTTPS in modern web browsers.
- ☑ Identify the need for supply chain risk assessments and recognize the cost and benefits.
- ☑ Apply the NIST Risk Management Framework and FBI technology standards to assess and reduce exposure to cyber risk.
- ☑ Utilize security operations center as a service when appropriate.
- ☑ Ensure inclusion of requirements for interoperability and standardization across shared services.
- ☑ Protect the data layer, including record retention, storage, and data management.
- ☑ Incorporate emerging technologies, such as blockchain and artificial intelligence into a program strategy.
- ☑ Plan for change and implement change management processes that support an agile approach.

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 512 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.