ProTech Professional Technical Services, Inc.

Prepare for your Platform Developer I Certification Exam CRT-450

Course Summary

Description

Are you ready to take the next step in your career by becoming a Salesforce Certified Platform Developer 1? By covering the details around the exam objectives, this course will help hone your problem-solving skills and reinforce your knowledge of key topics. A mock exam at the end of the course will help you assess your readiness.

Objectives

At the end of this course, students will be able to:

- Describe the structure of the exam and the exam's objectives.
- List the most heavily weighted exam objectives.
- Describe key features of the Force.com programming languages, including: Apex, SOQL, SOSL, and Visualforce.
- Explain important Force.com concepts, such as the testing framework, governor limits, and the save order of execution.
- Explain the ALM of a Salesforce development project.

Topics

- Introduction to the Course and the Exam
- Salesforce Fundamentals
- Database Modeling and Management
- Logic and Process Automation (Part 1)
- Logic and Process Automation (Part 2)
- User Interface
- Testing
- Debug and Deployment Tools
- Certification Preparation Resources

Audience

This course is intended for an individual who has experience developing and deploying basic business logic and user interfaces using the programmatic capabilities of the Force.com platform, including practical application of the skills and concepts noted in the exam objectives below.

Prerequisites

It is not necessary to possess any Salesforce credentials before attending this course or sitting for the Salesforce Platform Developer 1 Certification; however, we recommend the following experience:
- A student attending this course should generally have one to two years of experience as a developer and at least six months of experience on the Force.com platform.

Duration

One day

Course Outline

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I. *Introduction to the Course and the Exam*
   A.   Introduction to AW Computing
   B.   Introduction to the Platform Developer 1 Certification

II. *Salesforce Fundamentals*

III. *Database Modeling and Management*
   A.   Modeling data
   B.   Managing data

IV. *Logic and Process Automation (Part 1)*
   A.   Working with Formulas and Rollup Summary Fields
   B.   Working with Basic Constructs in Apex
   C.   Working with SOQL
   D.   Working with SOSL
   E.   Working with DML
   F. Working with Exceptions and Governor Limits

V. *Logic and Process Automation (Part 2)*
   A.   Working with Apex Classes
   B.   Working with Apex Triggers
   C.   Describing the Save Order of Execution

VI. *User Interface*
   A.   Working with Visualforce Pages
   B.   Working with Visualforce Controllers
   C.   Working with the Lightning Component Framework

VII. *Testing*
   A.   Describing the Testing Framework and Requirements
   B.   Creating Test Data and Tests
   C.   Executing a Test
   D.   Testing Considerations

VIII. *Debug and Deployment Tools*
   A.   Debugging
   B.   Deploying

IX. *Certification Preparation Resources*