

AGENDA *

Force.com Application Laboratory

Monday 8:30 AM – 4:30 PM

8:30 AM – 10:00 AM

Overview

- Course Overview
- Force.com Platform Overview
- Recruiting App Scenario Overview

10:00 AM – 12:00 AM

Introduction to Native Apps

- Custom Apps, Objects and Tabs
- Custom Fields and Relationships
- Custom Page Layouts and Record Types
- Custom Object Queues and Workflows

12:00 PM – 1:00 PM

LUNCH

1:00 PM – 1:30 PM

Introduction to Native Apps, continued

- Custom Validation Rules

1:30 PM – 4:30 PM

Data Access and Permissions

- Record Ownership
- Organization Wide Defaults
- Role Hierarchy
- Sharing
- Custom Profiles

Tuesday 8:30 AM – 4:30 PM

8:30 AM – 9:00 AM

Review

9:00 AM – 11:00 AM

Basic Data Management

- Data Management Overview
- Data Loading Tools

11:00 AM – 12:00 PM

Introduction to the Web Services API

- Characteristics of the Web Services API
- Methods, Objects, and Basic Patterns of the Apex API
- Technologies Involved in the Web Services API

12:00 PM – 1:00 PM

LUNCH

1:00 PM – 2:30 PM

Introduction to the Web Services API, continued

- End-to-End Development Process
- Examining Your Organization's Metadata with the Explorer



2:30 PM – 4:30 PM

Buttons and S-Controls

- S-Controls
- The AJAX Toolkit
- Standard Button Overrides
- Custom Buttons
- Custom Links

Wednesday 8:30 AM – 4:30 PM

8:30 AM – 9:00 AM

Review

9:00 AM – 10:00 AM

Buttons and S-Controls, continued

- Mass Action List Buttons

10:00 AM – 12:00 PM

Web Controls

- Basic API Client Architecture
- Troubleshooting Techniques

12:00 PM - 1:00 PM

LUNCH

1:00 PM – 4:30 PM

Web Controls, continued

- Stand Alone Web Controls
- Integrated Web Controls

Thursday 8:30 AM – 4:30 PM

8:30 AM – 9:00 AM

Review

9:00 AM – 12:00 PM

Developing for Flexibility

- Best Practices
- Introduction to the Partner WSDL
- Design Pattern: X-to-Web
- Design Pattern: Web-to-X

12:00 PM - 1:00 PM

LUNCH

1:00 PM – 2:00 PM

The AppExchange Directory

- Development in an On-Demand Environment
- Packaging Apps and Components for the AppExchange
- Installing Applications and Components

2:00 PM – 3:30 PM

Introduction to Apex Code

- Introduction to Apex Code
- When to Use Apex Code
- Coding in an On-Demand Environment
- Apex Code Eclipse Development Environment

3:30 PM – 4:30 PM

Invoking Apex Code



- Classes
- Triggers
- Anonymous Blocks & AJAX

Friday 8:30 AM – 2:30 PM

8:30 AM – 9:00 AM

Review

9:00 AM – 10:00 AM

Apex Code Data Types, Variables, Expressions, Methods and SOQL

- Data Types
- Collections
- Variables and Expressions
- Methods
- SOQL

10:00 AM – 11:30 AM

Apex Flow Control

- Flow Control
- Data Manipulation Language
- Exceptions

11:30 AM – 12:00 PM

Debugging Apex Code

- Apex Debug Log
- Testing

12:00 PM – 1:00 PM

LUNCH

1:00 PM – 2:00 PM

Deploying Apex Code

- Deployment Process
- Deploying and Testing API Calls

1:30 PM – 2:00 PM

Where To Go From Here

- Additional Apex Code Information
- Courses
- Resources

*** Please Note: Agenda subject to change.**

