



Aptify®

E-Business Class Description

Aptify E-Business Class Description

Duration 3 days

Class begins promptly at 9:00 AM, with a morning break, hour lunch break, and an afternoon break. Class is scheduled to end at 4:00 PM each day, but times may vary based on student questions and discussions.

Hours Estimates

All hours listed in parenthesis are estimates—actual times will differ based on many variables such as:

- Student Ability
- Questions
- Side Discussions
- Labs & Exams

Overview

This course introduces Aptify's E-Business Suite. This includes an in-depth analysis of the functionality included in the ICE E-Business Sample Web Site, using the Sitefinity CMS system to make changes in the web site and the E-Business Application in Aptify. It also provides an in-depth examination of Aptify's E-Business Suite and teaches students to develop new functionality for an E-Business web site. This includes creating new web pages, user controls and linking Aptify with the web site so that database information appears online and can be updated over the Internet. Students will gain hands-on experience developing for a sample system in a controlled training environment.

Who Should Attend

Course is intended for:

- Developers
- Web Developers
- System Programmers

Course Prerequisites

Required

- Completion of Administrator Course
- Web Design and Content Management Experience
- Completion of Developer I Course
- Experience with Visual Studio .NET and ASP.NET

Day 1

E-Business Requirements (30 Minutes)

- Web Server Requirements
- Database Server Requirements
- Content Management System Requirements
- End User Browser Compatibility
- What's Available in E-Business
- Design Concepts

E-Business Sample Site (2 Hours 30 Minutes)

- Home Page
- Creating a Web User
- Products
- Online Order Entry Features
- Place an Order
- Meetings
- Register for a Meeting
- Purchase a Membership Product
- Education
- Customer Service
- Modify Profile Information
- Save and Load and Shopping Cart
- Pay a Balance on the Web
- Renew a Membership or Subscription
- Downloadable Products
- Community

- Create an Abstract
- Add a Member to the Directory
- Post on the Forum
- Create a Market Place Listing
- Participate in a Survey
- Enroll in a Committee
- View a Web Article
- RSS Feeds
- Chapter Management
- Manage My Group
- Edit Company Information
- Substitute a Meeting Attendee
- Add New People
- Enroll New Members
- Shopping Cart

Configuring E-Business with Metadata (2 Hours 30 Minutes)

- Web Users
- Creating Web Users
- Logging in to E-Business
- Web Groups
- Web Modules
- HTTP Module Security
- Tracking Web Activity
- Creating A Web Module
- Assigning Users to a Web Module
- Web Menu - Creating Web Menus
- Web Articles
- Creating and Managing Topic Code Web Articles
- Creating Web Articles

Day 2

Working With Sitefinity (1 Hour)

- Changing Appearance without Changing Code
- Master Pages in ASP.NET 4.0
- Modifying the ICE Site's Appearance
- Modifying the Home Page's Content
- Add a Page for the Site Tools Menu

Creating New E-Business Pages and Controls (3 Hours 30 Minutes)

- Adding new functionality
- Creating User Controls in Visual Studio
- Error Handling
- Creating New Pages
- User Control Generator
- Moving Controls to E-Business
- Adding User Controls to Sitefinity
- Creating Web Pages
- Creating Menus
- Setting Redirect URLs for Web Pages

Modifying User Controls with Visual Studio (1 Hour)

- Modifying User Controls
- Record Controls
- Grid Controls

Day 3

Development tools and Coding Best Practices (1 Hour)

- E-Business Development Tools
- Server Controls
- User Controls
- Aptify User Controls
- Coding Best Practices
- Overall Recommendations
- Developing New Site Areas
- Server Control Configuration
- Business Logic Changes

Debugging (30 Minutes)

- Debugging
- Viewing Session Exceptions

SQL Injection Prevention (30 Minutes)

- Overview
- Recommendations

Web Services (30 Minutes)

- Web Services
- Aptify Web Services Generator
- Creating Web Services
- Using Web Services with E-Business

Using the Generic Entity with E-Business (1 Hour 30 Minutes)

- Using the Generic Entity
- Preparing Aptify
- Preparing E-Business
- Creating Controls and Web Pages
- Adding Menus
- Testing

Class Project: Membership Application (1 Hour)

- Unpacking Membership Application
- Membership Application User Control
- Installation
- Testing and Analysis

E-Business Configuration Files (30 Minutes)

- Web.config
- Aptify_UC_Navigation.config