# SERVICENOW SERVICE PORTAL ADVANCED

Course Code: 821289

Get a Service Portal and Widget Development deep-dive with Service Portal Advanced.

This course takes attendees on a Service Portal and Widget development deep-dive. Participants learn how to use their existing AngularJS, Bootstrap, CSS, HTML, and ServiceNow API (JavaScript) skills to create custom Widgets.

## What You'll Learn

Upon completion of this course, learners are able to:

- Review the Widget Editor
- Apply Widget development strategies
- Discover how to use built-in Angular JS directives, services and ServiceNow's Service Portal APIs
- Describe Widget properties
- Develop custom Widgets
- Identify which 3rd party libraries and resources are installed in the platform
- Build re-usable Widget Dependencies, Angular Providers, and Angular ng-templates
- Discuss how to embed a Widget in another Widget
- Review different ways for Widgets to communicate with one another
- Recognize how Widgets send/receive information

## Who Needs to Attend

This course is designed for pro-code System Administrators and Application Developers who want to learn how to develop advanced Service Portals components. You will be expected to script.

## Prerequisites

6+ months of hands-on administration experience.

Basic understanding of:

- Angular JS
- Bootstrap

- CSS
- HTML
- JavaScript

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## On-Demand Outline

**Course Introduction**

- Requesting and Using a Lab Instance
- Welcome to Service Portal Advanced

**Module 1: Service Portal Review**

- Review Service Portal Fundamentals
- Pages
- Widgets and Service Portal Help
- Overview of Module 1 Lab

**Module 2: Create Custom Widgets 100**

- Develop Custom Widgets
- Load Initial Data from the Server
- Display Initial Data from the Server
- Accept and Process User Input
- Accept and Process User Input DEMO
- Widget Debugging
- Overview of Module 2 Labs

**Module 3: Create Custom Widgets 200**

- AngularJS Expression
- Style the Widget's Interface (UI)
- Options Schema
- Data Table
- ControllerAs and Link Functions
- Overview of Module 3 Labs

**Module 4: Create Custom Widgets 300**

- Additionally Installed Libraries
- Dependencies
- Angular Providers
- Angular ng-templates
- Overview of Module 4 Labs

**Module 5: Widgets Working Together**

- Embedding Widgets
- Communication Between Widgets
- Integrations
- Overview of Module 5 Labs

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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