

# Web Processing: Creating Advanced Dynamic Web Solutions Using SAS/IntrNet® Software

**Duration:** 3.0 days

**CEUs:** 1.8

## AUDIENCE

This course is designed for creating complex, dynamic web based applications in SAS Software.

## BENEFITS

Students will learn to:

- Dynamically generate web pages and links
- Multi section forms
- Download spreadsheet data
- Update data through the web
- Use the Output Delivery System dynamically
- Use Java and Active X output
- Create server side and client side validation

## PREREQUISITES

Web Processing: Creating Static and Dynamic Web Solutions Using SAS/IntrNet Software or equivalent understanding.

Students should understand:

- Basic SAS macro logic and Basic SQL, including joins
- Basic HTML
- How to pass parameters to the Application Dispatcher
- How to use htmSQL and \_webout

## COURSE TOPICS

### Working with Dynamic Forms

- Building HTML forms with multiple selections
- Passing form values to dispatcher programs

### Parameter Validation

- Using Javascript and Java Applets to validate values
- Using CGI Dispatcher Programs to validate values

### Storing Dispatcher Programs in Catalogs

- Source and SCL Entries
- Compiled macros

### Dynamic Web Page Linking

- Using the Application Dispatcher to create embedded static and dynamic web content
- Using htmSQL to create static and dynamic web content
- Creating a table of contents using ODS dynamically

### Dynamic Content on the Web

- Multimedia files and running Applets
- Animated and Java graphics
- Working with ODS Styles and Templating
- Create a spreadsheet from web data

### Updating Data

- Creating spreadsheets from the web
- How integrity constraints are applied
- How the Application Dispatcher updates information
- How htmSQL updates information

Software Used: Base SAS and SAS/IntrNet® Software