



# Advanced Designer and JavaScript

**Description:** AEM Forms: Advanced Designer and JavaScript is a one-day instructor-led, in-classroom or virtual course, where you will learn advanced techniques in LiveCycle Designer, XML, and JavaScript. The course includes theory about Designer, Adobe XFA (*XML Forms Architecture*) and JavaScript followed by hands-on exercises. Participants will learn the fundamentals of XML Schema, XML data, and how JavaScript works in the various Adobe DOMs (*Document Object Models*) and events. Take your skills to the next level or enhance the functionality of your forms with this important and intensive class.

**Target audience:** This course is suitable for people who want to expand their LiveCycle Designer, XML Schema, and JavaScript skills to create advanced interactive and dynamic forms. Students should have experience in Designer prior to attending this class.

## Objectives

After completing this course, the participant will be able to:

- Understand advanced LiveCycle Designer techniques
- Understand the Adobe XFA DOMs and events
- Understand JavaScript fundamentals
- Understand XML Schema and data
- Understand how XML Schema and data work with forms
- Write JavaScript for both PDF and HTML forms
- Validate form information with JavaScript
- Debug JavaScript in Designer and Acrobat
- Efficiently organize scripting in a form
- Call methods of existing script and JavaScript objects
- Integrate forms with XML Schema and data
- Bind form fields with JavaScript

## Course materials

- Advanced Designer and JavaScript Student Manual

## Agenda: Day 1

- 🕒 Morning Session (9 a.m.–Noon)
  - Advanced LiveCycle Designer
  - XML Schema & Data
  - Schema, Data & Forms
  - Adobe DOMs & Events
  - JavaScript Foundation
  - JavaScript I
- 🕒 Lunch (Noon –1 p.m.)
- 🕒 Afternoon Session (1–5 p.m.)
  - JavaScript II
  - Advanced Script Objects
  - Debugging Scripts
  - Validating with JavaScript
  - Data Binding with JavaScript