

Field Support PDF is a one-day introduction to the PDF file format intended for field support personnel. It discusses the basics of the structure and contents of a PDF file, with an eye toward recognizing possible sources of observed problems. The course teaches the student to use the tools built into Adobe Acrobat to determine the contents and nature of a PDF file.

Note that this is a class in examining and diagnosing the PDF file structure, not the general use of Adobe Acrobat.

Audience

Printer-related field support engineers who need to examine and diagnose problems associated with printing PDF files. The course assumes you are supporting or otherwise working with a printing device that consumes PDF files.

Objective

Students will leave class knowing how to find their way around a PDF file and understand how to diagnose the source of problems in PDF files.

Prerequisites

A good technical background, on the "advanced user" level.

Taught in Southern California, your site, or Live Online via WebEx®!

Acumen Training teaches regularly-scheduled classes in San Juan Capistrano, California, near the Santa Ana/Orange County airport.

We can also come to your corporate site and teach a class of up to 16 people. These classes can be customized to your specific needs.

Finally, if you have 1-3 people who need a class, we can arrange an "On-site on-line" class, taught via WebEx.

For class schedules and pricing, on-site class information, details of our WebEx classes, or to register for a class, please contact John Deubert at Acumen Training any of the following ways:

- Email: john@acumentraining.com
- Web: www.acumentraining.com
- Telephone: 949-248-1241

Course Outline

- PDF File Contents
 - What's in a PDF file?
- PDF File Structure
 - How is a PDF file organized?
- Examining Document-Level Information
 - Encryption, Author, etc.
- PDF Pages
 - Bounding Boxes, Resources, Rotation, etc.
- Resources
 - What are they?
 - What types are there (Fonts, ColorSpace, etc.)
 - Recognizing them when you see them
- Page Contents
 - Line art drawing commands
- Drawing Text
 - Font dictionaries
 - Font resources
 - Embedded fonts
- Color and Color Spaces
 - What's a color space?
 - What color spaces does PDF support?
 - Background to managed colors
- Compression
 - What problems does it cause?
- Images
 - Problematic images
- Transparency
 - Recognizing transparency
 - Why it causes problems
- Things to watch for
 - Halftoning, rendering parameters, etc.
- Compliance standards
 - PDF/X, PDF/A, PDF/VT