



FileMaker Pro Level 3

Course FM-03

3 Days

Hands-on, Instructor-led

Introduction

This three day, instructor-led course is for intermediate to advanced FileMaker developers, but anyone who creates FileMaker databases can increase their knowledge from this course. It also serves as a stepping-stone to becoming a FileMaker Certified Developer.

Course Objectives

- Dive into relational data. Solve problems quickly by connecting and combining data from different tables.
- Create professional documents. Publish reports, charts, invoices, catalogs, and other documents with ease.
- Access data anywhere. Use FileMaker Go on your iPad or iPhone—or share data on the Web.
- Harness processing power. Use new calculation and scripting tools to crunch numbers, search text, and automate tasks.

Prerequisites

Students should attend Course FM-01, FileMaker Pro Level 1 and FM-02, FileMaker Pro Level 2, or have equivalent knowledge and skills.

Student Materials

The student kit includes a comprehensive workbook and other necessary materials for this class.

Course Outline

Module 1: Understanding Calculations

- Using a related field in a calculation
- Understanding the specify calculation dialog box
- Auto-enter calculations
- Validate data entry with a calculation
- Commenting in calculations

Module 2: More Calculations and Data Types

- Number crunching calculations
- Going beyond basic calculations
- Text calculations

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>



- Date and time calculations
- Containers in calculations

Module 3: Understanding Scripts

- Your first script
- Shortcuts to the script workspace
- The importance of the layout
- Running scripts
- Organizing your scripts
- Branching and looping in scripts
- Script triggers

Module 4: Exploring Script Steps

- Go to layout
- Got to object
- Scripting for fields
- Working with records
- Finding records
- Sorting records
- Working with windows
- Working with files
- Printing
- Working with FileMaker Go
- Other script steps

Module 5: Applying Developer Utilities

- Copying database structure
- Script debugger
- The data viewer
- Disable script steps
- The database design report
- Custom functions
- Custom menus
- Developer utilities
- File maintenance

Module 6: Advanced Relationship Techniques

- Portal filtering
- Understanding table occurrences
- Table occurrence groups
- Understanding graph arrangements
- Connecting database files

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- Using multiple relationship techniques

Module 7: Reporting and Analysis

- Summary fields and sub summary parts
- Web view objects
- Conditional formatting
- Basic charting
- Chart formatting
- Charting and reports
- Advanced charting

Module 8: Advanced Calculations

- Understanding Boolean functions
- Using storage options
- Logical functions
- The let() function and variables
- Recursion
- Plug-ins

Module 9: Advanced Scripting

- Commenting scripts
- Communicating with database users
- Creating modular scripts
- Script parameters
- Script variables
- Handling errors
- Advanced script triggers
- Putting a complex script together