Productive Computing University

Advanced - Integration Principles
Training & Certification



Advanced-Level FileMaker Development & Integration Training

Program Overview

This 10 to 12 week program is designed for experienced developer's ready to refine their expertise and tackle complex solution development, as well as students advancing from our intermediate training program.

Increase your knowledge for building robust solutions using advanced scripting, relational database design and topics such as Execute SQL, dynamic charting and transactional processing.

You will learn to optimize files for WAN environments, manage container data and leverage AI tools. Utilize developer tools to analyze solutions for issues and make recommendations on how to improve them.

Advancing onto integrating FileMaker with QuickBooks Desktop and Online using plugins and API.

Finally, training for our FM Certification Exam which will test your knowledge and skill of the FileMaker Platform.

What's Included:

- Advanced development assignments
- Gain experience with advanced scripting, database design, and deployment for robust FileMaker applications.
- Complete QuickBooks Desktop and Online integration through plugins and API.
- Weekly mentoring sessions with a certified FileMaker developer.
- Progress monitoring and counseling to ensure students are progressing on schedule.

Evaluation & Certification:

- Evaluated development assignments
- Exam on course and lessons
- Claris FileMaker Pro Expert Badge
- Obtain proof of your depth of knowledge on the Claris Platform by passing the FM Certification Exam.
- Upon successful completion:
  - A certificate of program completion
  - An evaluation certification.
    - *If students do not pass the first time, they will have another chance to take the evaluation.*

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Advanced Training Program	Hours	Week	Type
* Intermediate Course Exam	1	1	Exam
Claris FileMaker Pro Advanced 1	8	1	Course
Weekly Mentoring and Progress Check Meetings	1	2	Mentoring
Claris FileMaker Pro Advanced 2	8	2	Course
Weekly Mentoring and Progress Check Meetings	1	3	Mentoring
* BaseElements Mastery	5	3	Course
* Evaluation One: Operation Clean Sweep & Data Migration	15	3-4	Evaluation
Weekly Mentoring and Progress Check Meetings	1	4	Mentoring
* Evaluation Two: File Size Reduction & Development Standards	7	5	Evalutation
Weekly Mentoring and Progress Check Meetings	1	5	Mentoring
Evaluation Three: Security	8	6	Evaluation
Weekly Mentoring and Progress Check Meetings	1	6	Mentoring
AI Essentials for FMDevelopers	6	7	Course
Weekly Mentoring and Progress Check Meetings	1	7	Mentoring
Evaluation Four: AI Integration	10	7-8	Evaluation
Weekly Mentoring and Progress Check Meetings	1	8	Mentoring
Connect FileMaker PICK ONE QuickBooks Online, Google, Outlook	6	8	Course
Evaluation Five: Integration QuickBooks Online, Online, Google, Outlook	12	8-9	Evaluation
Weekly Mentoring and Progress Check Meetings	1	9	Mentoring
JSON Fundamentals	6	10	Course
Evaluation Six: JSON Advanced Implementation	12	10-11	Evaluation

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Advanced Training Program	Hours	Week	Type
API Fundamentals for FileMaker Developers	6	12	Course
Evaluation Seven: API Advanced Implementation	12	12-13	Evaluation
Advanced Course Exam	2	13	Exam
Claris FileMaker Pro Expert Badge	2	13	Claris Course
Claris AI Fundamentals 1: Semantic Search Badge	5	13	Claris Course
Claris AI Fundamentals I: Semantic Search in Claris FileMaker	5	14	Claris Course
Claris AI Fundamentals II: Using LLMs in Claris FileMaker Associate	5	14	Claris Course

10 to 12 Weeks or 142 Hours Program Based on 15 hour commitment per week

Line items only need to be taken if the student ONLY signed up for the Advanced Course.

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