

# HL7 FHIR Intermediate Training

Duration: 2 Days

**Exam Voucher:** Yes

**Level:** Intermediate

**Language:** English

- 2-days instructor-led FHIR training
- HL7 certified instructor
- Discussion session also included
- Each module includes exercises

Become the team's go-to FHIR expert and assist your company in deciding whether, when, and how to deploy the technology.

We can assure you that [Microtek Learning](#) is always working to develop the standard and will only teach you the latest updates.

- Learn from highly qualified professionals
- 50% of the exercises will be hands-on and group based.
- Sign up for an upcoming class or arrange for corporate training.
- Training can be customized to your individual needs.

## Who should attend:

This training is recommended for DEVELOPERS who:

- already have familiarity with FHIR and desire to go deeply into the information needed to use it for projects in the real world
- Have programming skills in C#, Java, or JavaScript, and you'd like to learn more about the technical aspects of SMART on FHIR and CDS Hooks

## At the end of the course, participants will be able to:

- Know the purpose and details of the Argonaut and IPS IG
- Understand the fundamental traits of an FHIR client
- Understanding and modifying an FHIR client using Java, JavaScript, or C#
- Recognize how FHIR servers are utilized as API facades.
- For a connection to an EHR, use SMART on FHIR.
- Utilize CDS Hooks to offer clinical decision support for a system or application.

## What to Expect:

- Instructors that are both working professionals and experts in HL7 FHIR
- Instructors with HL7 certification who evaluate and comment on each module
- Discussion boards that encourage participation and interaction

### Prerequisites

- Prior knowledge of HL7 FHIR is necessary ([FHIR Training](#) – Foundation Level)
- It is highly advised that you are familiar with C#, Java, and/or JavaScript.
- recommended exclusively for developers

### HL7 FHIR Intermediate Course Outline:

#### MODULE 1 — IMPLEMENTATION GUIDES

- FHIR Implementation Guides: Argonaut Data Query / Provider Directory & IPS
- Development and Roadmap
- Scope, Use Cases, Guided Tour

#### MODULE 2 — FHIR CLIENTS

- General Guidelines
- FHIR Clients in Java
- FHIR Clients in C#
- FHIR Clients in JavaScript

#### MODULE 3 — FHIR SERVER

- FHIR Server Types and Patterns
- Specific FHIR Servers (FHIR Facade)
- Use Case / Scenarios / Architecture
- Where to Put the FHIR Facade
- Facade in C# / Java

#### MODULE 4 — SMART ON FHIR / CDS HOOKS

- SMART on FHIR Basics
- CDS Hooks Intro
- Integrating Your App with SMART on FHIR and CDS Hooks

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*For any query [Contact Us - MicrotekLearning](#)*

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