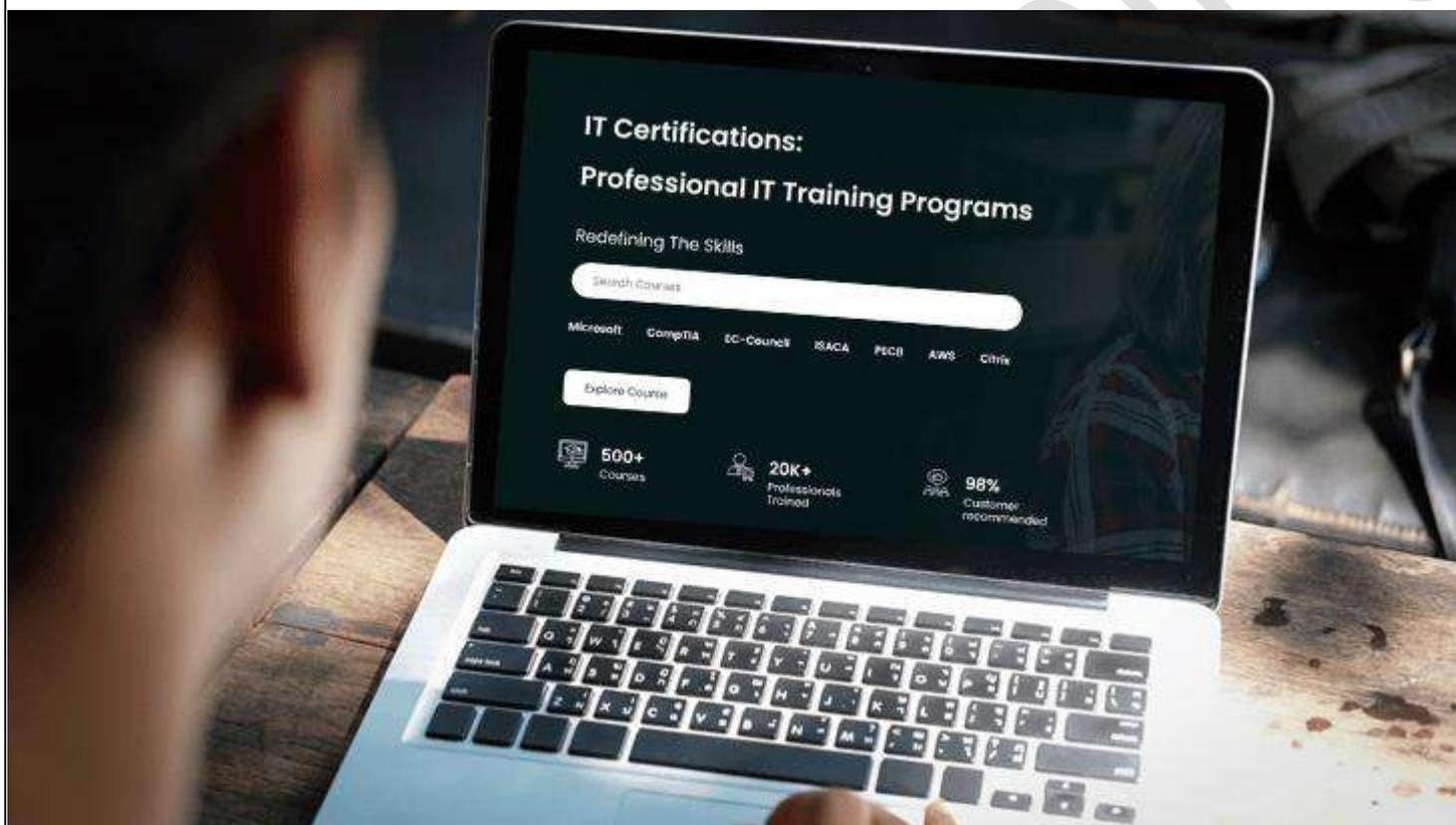# HL7® FUNDAMENTALS

TRAINING

Duration: 1 Day

Course Description

Become the team's go-to HL7 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 course?

- HL7 newcomers
- Those who want to learn about HL7 standards on a technical level in general

What you will learn

- Engage in a project that involves the interoperability of disparate healthcare information systems.
- Read the most popular HL7 specifications.
- Recognize the significance of regulated vocabulary, master files, and entity registries
- V2.X message reading and writing
- Examining and producing CDA® R2 documents
- Locate the FHIR® guidelines and resources
- Choose when to employ each artifact (messages, documents)

What to Expect

- Instructors that are both working professionals and experts in HL7
- Instructors with HL7 certification who evaluate and comment on each module
- Discussion boards that encourage participation and interaction
- Each module includes exercises that put what you've learned into practice.

Curriculum

Module 1: Introduction

- Introduction to Healthcare Interoperability
- Introduction to Unified Modeling Language (UML)
- Introduction to Extensible Markup Language (XML)

Module 2: HL7 V2.x

- Introduction to HL7 Version 2.x Data Types, ACK
- HL7 V2.x: Patient Administration, Orders and Results
- HL7 V2.x: Z-Segments, Implementation, Profiles
- HL7 V2x.XML: XML Implementation of V2.x Messaging

Module 3: HL7 CDA R2

- Introduction to HL7 CDA R2, RIM & Data Types
- CDA R2 Architecture: Header, Body and Entries
- CDA R2 Implementation Guides
- CDA R2 Entries: Clinical Statement

Module 4: HL7 FHIR

- Introduction to FHIR

For any query Contact Us – Microtek Learning