



New Edition of HL7 ELC India - Starting 11<sup>th</sup> April 2016

## Announcing the Release of the HL7 e-Learning Course for India and other Asian countries

Introductory online course: HL7 Standards V2, V3, CDA & FHIR Creating and exchanging electronic healthcare information

### Learning by Doing

The HL7 Fundamentals Course is fundamentally different with regard to an exposition course. It is a web-based workshop, a set of guided exercises that teaches by practice and example, not by exposition. At the end of the course, participants should:

- Know how to confront a project involving interoperability among disjointed healthcare information systems.
- Know how to read the most widely used HL7 standards.
- Understand the need for controlled vocabularies, master files, and entity registries.
- Read and Write V2.X messages.
- Read and Write CDA R2 documents.
- Know when to use each artefact (messages, documents).

### Web-Based Training

- HL7 Expert Teachers who are working professionals helping you step-by-step.
- Reading material developed by our tutors.
- Bibliographic material.
- Discussion forums.
- Glossary.
- Integration activities stewarded by the teaching team.
- Self evaluation quizzes.
- Tutor evaluation for each module.

### Preconditions / Enrollment priorities

- Prior experience in HL7 not required.

### Program

#### MODULE 1 - INTRODUCTION (THREE WEEKS)

- UNIT 1.1 INTRODUCTION TO HEALTHCARE INTEROPERABILITY
- UNIT 1.2 INTRODUCTION TO VOCABULARIES IN HEALTHCARE
- UNIT 1.3 INTRODUCTION TO UNIFIED MODELING LANGUAGE (UML)
- UNIT 1.4 INTRODUCTION TO EXTENSIBLE MARKUP LANGUAGE (XML)

#### MODULE 2 - HL7 V2.x (FOUR WEEKS)

- UNIT 2.1 INTRODUCTION TO HL7 VERSION 2.X, DATA TYPES, ACK
- UNIT 2.2 HL7 V2.X: PATIENT ADMINISTRATION, ORDERS AND RESULTS
- UNIT 2.3 HL7 V2.X: Z-SEGMENTS / IMPLEMENTATION / PROFILES
- UNIT 2.4 HL7 V2.X.XML: XML IMPLEMENTATION OF V2.X MESSAGING

#### MODULE 3 - HL7 V3 (FOUR WEEKS)

- UNIT 3.1 INTRODUCTION TO HL7 V3
- UNIT 3.2 REFERENCE INFORMATION MODEL RIM / DERIVED MODELS
- UNIT 3.3 HL7 V3 DATA TYPES AND THEIR XML REPRESENTATION
- UNIT 3.4 HL7 V3: FROM THE MODEL TO THE MESSAGE

#### MODULE 4 - HL7 CDA R2 (THREE WEEKS)

- UNIT 4.1 INTRODUCTION TO HL7 CDA R2
- UNIT 4.2 CDA R2 ARCHITECTURE: HEADER, BODY AND ENTRIES
- UNIT 4.3 CDA R2 IMPLEMENTATION GUIDES
- UNIT 4.4 CDA R2 ENTRIES: CLINICAL STATEMENT

#### MODULE 5- INTRODUCTION TO FHIR (ONE WEEK)

### Course Fees

Course Details	Course Fee	
	Non Members	Members
FC: Full Course (5 modules)	29,770.00	26,335.00
P1: Only Intro, V3 and CDA	28,053.50	24,618.00
P2: Only Intro and HL7 V2.x	26,106.00	22,671.00
P3: Only Intro and HL7 V3	26,106.00	22,671.00

### Terms and Conditions:

- Course fee is inclusive of 14.50% service tax.
- Prices are subjected to change without any prior notice due to change in Forex prices.
- The last date for Registration is March 28, 2016.
- Only 100 seats will be available on first come first served basis.



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## Why

Creating and exchanging electronic healthcare information such as:

- Pharmacy orders and prescriptions.
- Laboratory test orders and results.
- Scheduling.
- Continuity of care/ Discharge summary/ Referral letter/ Consultation notes.
- Pathology / Imaging Reports.
- Study from reading materials.
- Apply knowledge through exercises.
- Get feedback on your progress.

## What

17 topics over 15 weeks via guided real-world exercises with instructor assistance and feedback via the web; and with an interactive community of all students and instructors. A typical week:

- Study from reading materials.
- Get Help from an instructor through the web.
- Apply knowledge through exercises.
- Get feedback on your progress.

## Who

- Prior experience with HL7 standards is not required.
- The goal of the HL7 E-Learning Course is to provide an overall technical experience of HL7.
- Especially for newcomers and/or those who need to know HL7 standards for their jobs (in hospital, clinic, government, research, and/or public health IT).

## How to Enroll

- Fill [Enrolment form](#) for e-Learning course and send it to [elearning@hl7india.org](mailto:elearning@hl7india.org)
- Contact HL7 India Course Coordinator for any questions regarding the course at: [elearning@hl7india.org](mailto:elearning@hl7india.org)
- Check this link for complete details - <http://www.hl7india.in/e-learning/>

## Payment Details

Crossed **Demand Draft** drawn in favor of “**HL7 Healthcare Standard Institute**”, payable at **Bengaluru**.

Payment can also be made using **NEFT or direct deposit** to the following ICICI account:

**A/c Name:** HL7 Healthcare Standard Institute  
**Address:** ICICI Bank Limited, #483, Main Road,  
Rajarajeshwari Nagar (Next to IOCL Pump),  
Bangalore-560098

**A/c No:** 093805000930  
**IFSC Code:** ICIC0000938