

2009

Inaugural Edition from HL7 India

Commencing from September 02



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

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

Founded in 1987, Health Level Seven, Inc. (<http://www.HL7.org/>) is a not-for-profit, ANSI-accredited standards developing organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing, and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services.

Learning by Doing

The **HL7 e-Learning 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:

- n Know **how to confront a project** involving interoperability among disjointed **healthcare information systems**.

- n Know **how to read the most widely used HL7 standards**.

- n Understand the **need for controlled vocabularies**, master files, and entity registries.

- n Read and Write **V2.X messages**.

- n Read and Write **V3 messages**.

- n Read and Write **CDA R2 documents**.

- n Know **when to use** each artifact (messages, documents).

Web-Based Training

- n HL7 Certified Teachers helping you step-by-step.

- n Reading material developed by our tutors.

- n Bibliographic material.

- n Discussion forums.

- n Glossary.

- n Integration activities stewarded by the teaching team.

- n Self evaluation quizzes.

- n Tutor evaluation for each module.

FAQs

- n Q.1: How long do applicants have to complete the course, or is the time indefinite?

A: The course will finish fourteen weeks after it has begun.

- n Q.2: Is the course refundable? A: No.

- n Q.3: When does registration for this course close?

A: Registration closes on August 26, 2009.

Program

MODULE I - 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 V - 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 V2X.XML: XML IMPLEMENTATION OF V2.X MESSAGING

MODULE T - 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 C - 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

Course Fees

FC: Full Course (4 modules):INR 15,000 or US\$ 325 per student for non members and INR 12,500 or US\$ 275 per student for HL7 India members.

P1: Only Intro, V3 and CDA:INR 14,000 or US\$ 300 per student for non members and INR 11,500 or US\$ 250 per student for HL7 India members.

P2: Only Intro and HL7 V2.x:INR 12,500 or US\$ 275 per student for non members and INR 10,000 or US\$ 225 per student for HL7 India members.

P3: Only Intro and HL7 V3:INR 12,500 or US\$ 275 per student for non members and INR 10,000 or US\$ 225 per student for HL7 India members.

How to enroll

- n Contact HL7 India Course Coordinator: Education@HL7India.org

**The last date for Registration is August 26, 2009.
Only 100 seats will be available on a
first come first served basis**



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Why

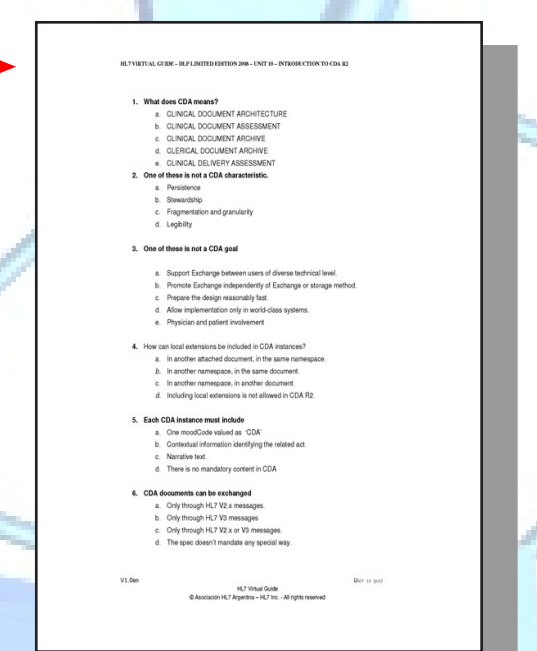
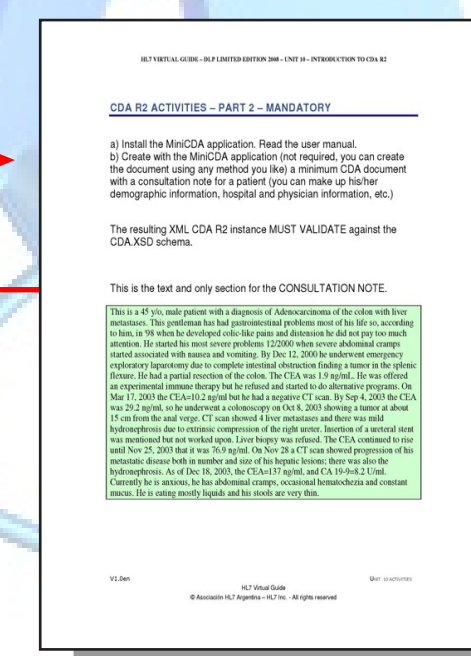
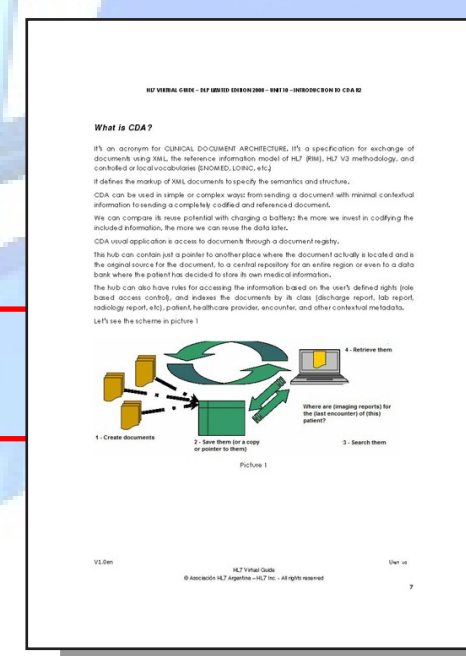
Creating and exchanging electronic healthcare information such as:

- n Pharmacy orders and prescriptions.
- n Laboratory test orders and results.
- n Patient administration notifications (admission, transfer, discharge).
- n Scheduling.
- n Continuity of care / Discharge summary / Referral letter / Consultation notes.
- n Pathology / Imaging Reports.

What

Introductory online course: HL7 standards V2, V3, and CDA:

- n 16 topics over 14 weeks via guided real-world exercises with instructor assistance and feedback via the web; and with an interactive e-learning community of all students and instructors.
- n A typical week:
 - o Study from reading materials.
 - o Get Help from an instructor through the web.
 - o Apply knowledge through exercises.
 - o Get feedback on your progress.



Who

- n Prior experience with HL7 standards is not required.
- n The goal of the HL7 e-Learning Course is to provide an overall technical experience of HL7.
- n 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).