



2012

Global Release

1st Edition: Starts March 15 th

2nd Edition: Starts August 16 th

Announcing the global release of the HL7 e-Learning Course

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:

- 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 V3 messages.

- Read and Write CDA R2 documents.

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

Web-Based Training

- HL7 Certified Teachers 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.

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 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

HIE *

Other

FC: Full Course (4 modules) \$ 500

\$ 500

\$ 250

P1: Only Intro, V3 and CDA \$ 450

\$ 450

\$ 225

P2: Only Intro and HL7 V2.x \$ 400

\$ 400

\$ 200

P3: Only Intro and HL7 V3 \$ 400

\$ 400

\$ 200

Preconditions / Enrollment priorities

- Prior experience in HL7 not required.

- Priority enrollment will be given to newcomers.

How to enroll

- contact the HL7 E-Learning Course Administrator: eLearning@HL7.org

If you need more information contact the HL7 E-Learning Course Administrator: eLearning@HL7.org

*Note: HIE are High Income Economies as of World Bank Classification:

Andorra	Canada	French Polynesia	Italy	New Zealand	Slovenia
Antigua and Barbuda	Cayman Islands	Germany	Japan	Northern Mariana Islands	South Korea
Aruba	Channel Islands	Greece	Kuwait	Norway	Spain
Australia	Cyprus	Greenland	Liechtenstein	Oman	Sweden
Austria	Czech Republic	Guam	Luxembourg	Portugal	Switzerland
The Bahamas	Denmark	Hong Kong	Macau	Puerto Rico	Taiwan
Bahrain	Equatorial Guinea	Hungary	Malta	Qatar	Trinidad and Tobago
Barbados	Estonia	Iceland	Monaco	San Marino	United Arab Emirates
Belgium	Faroe Islands	Ireland	Netherlands	Saudi Arabia	United Kingdom
Bermuda	Finland	Isle of Man	Netherlands Antilles	Singapore	United States
Brunei	France	Israel	New Caledonia	Slovakia	U.S. Virgin Islands



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Why

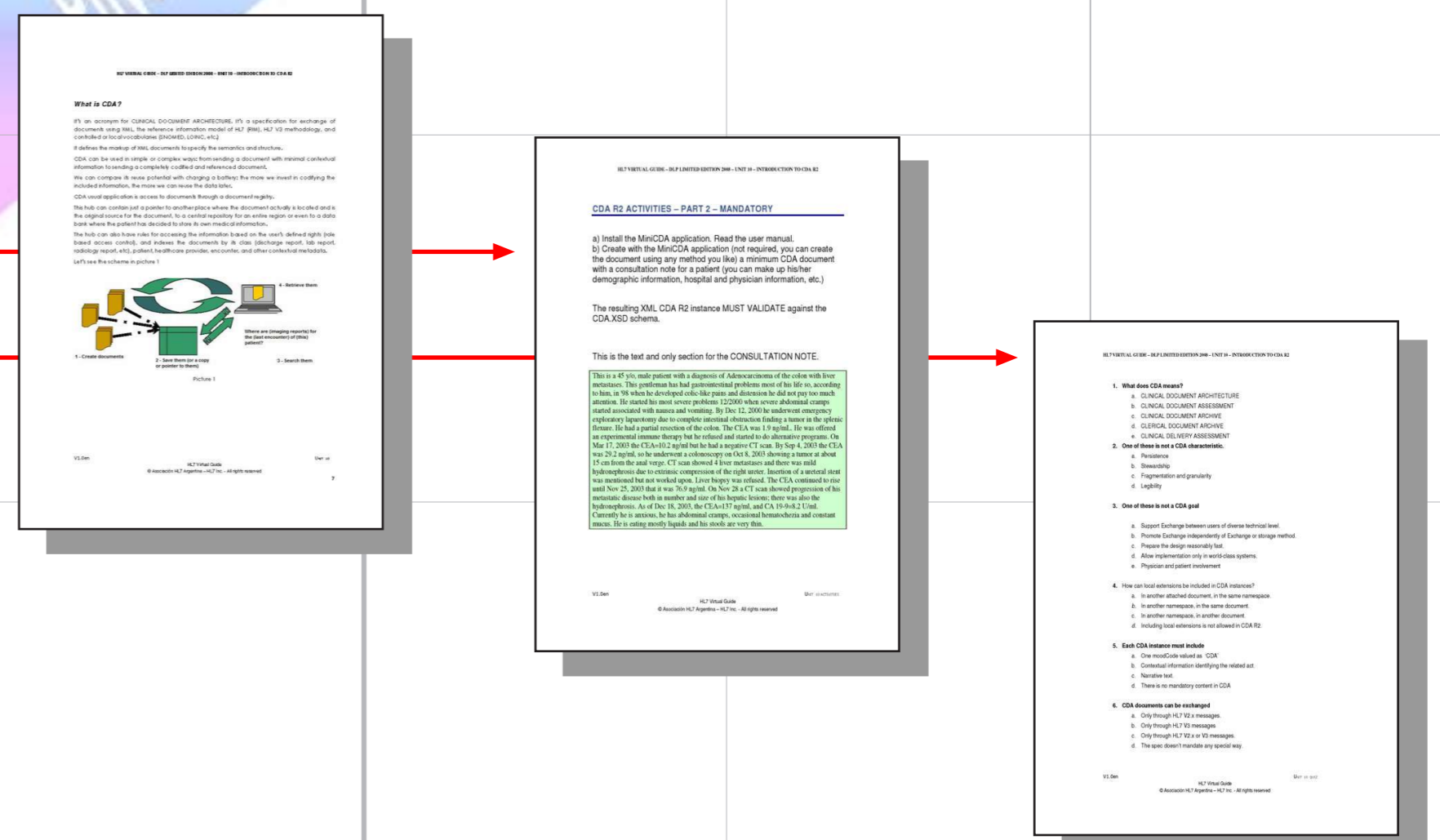
Creating and exchanging electronic healthcare information such as:

- 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).