Health Level Seven, Inc.
EDUCATIONAL SUMMIT
March 4–6, 2008

Chicago, IL
The Hilton Suites Chicago/Magnificent Mile
198 East Delaware Place, Chicago, Illinois 60611

Early Bird Registration Ends February 10, 2008
Online Registration Ends February 25, 2008

Gain In-Depth HL7 Knowledge & Certification
Straight from the Source
HL7 is the Sole Source for HL7 Certification Testing!
See Inside for Details.

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Register Today!
www.HL7.org
WHAT IS AN EDUCATIONAL SUMMIT?

An HL7 Educational Summit is a three-day educational event where live tutorial sessions, specially selected by the HL7 Educational Committee, are taught to those interested in learning more about and implementing the HL7 standards and related work products. These tutorials focus on HL7-specific topics such as Version 2, Version 3 and Clinical Document Architecture as well as general interest industry topics such as Electronic Health Records and Vocabulary.

WHY SHOULD I ATTEND?

This is an invaluable educational opportunity for the healthcare IT community as it strives for greater interoperability among healthcare information systems. Our classes offer a wealth of information designed to benefit a wide range of HL7 users, from beginner to advanced. You'll take away valuable HL7 knowledge and skills that you'll be able to apply immediately in the real world.

AMONG THE BENEFITS OF ATTENDING THE HL7 EDUCATIONAL SUMMIT ARE:

LOCATION
Chicago, IL – The Hilton Suites Chicago/Magnificent Mile is an upscale all-suite hotel conveniently located in downtown Chicago. The Hilton Suites Chicago/Magnificent Mile hotel is just steps from the Magnificent Mile and all of Chicago’s favorite attractions, including the John Hancock Center, Water Tower Place, American Girl, ESPN Zone, Navy Pier and the Museum of Contemporary Art. Enjoy world-class shopping along Michigan Avenue, and experience the food and nightlife of State and Rush Streets.

EFFICIENCY
Our concentrated three-day format provides maximum training with minimal time investment.

QUALITY
Our high-quality training in a small classroom setting promotes more one-on-one learning.

EXPERT INSTRUCTORS
You’ll get HL7 training straight from the source. Our instructors are not only HL7 experts—they are the people who help produce the HL7 standards.

CERTIFICATION TESTING
Become HL7 Certified. HL7 is the sole source for HL7 certification testing—now offering testing on Version 2.5 and Clinical Document Architecture (CDA), Release 2.

ECONOMICAL
Educational Summits offer a more economical alternative for companies who want the benefits of HL7’s on-site training but have fewer employees to train.

GENERAL INFORMATION

CANCELLATION/REFUND POLICY
Prepaid registrants who cancel prior to February 10, 2008 will receive a full refund minus a $50 processing fee. After that date no refunds will be given. Tutorials that do not meet minimum attendance requirements may be cancelled. In this event, registrants may attend an alternate tutorial of their choosing.
HOTEL
The Educational Summit will be held at the Hilton Suites Chicago/Magnificent Mile, 198 East Delaware Place, Chicago, Illinois 60611. To reserve your room, please call the hotel directly at +1 (312) 664-1100. Be sure to mention you are with the Health Level Seven room block. The special HL7 rate is $159 plus tax per night. You must register by end of day, ET February 10, 2008 to receive this rate.

GROUND TRANSPORTATION AND PARKING
Midway Airport is 12 miles from the hotel. Transportation options to the hotel include the following: Super Shuttle ($20), subway/rail ($2), or taxi ($30).

O’Hare Airport is 15 miles from the hotel. Transportation options to the hotel include the following: Super Shuttle ($25), subway/rail ($2), or taxi ($40).

Valet parking is available at the hotel for $46 per day with in and out privileges.

AIR TRAVEL
To make travel arrangements, attendees can call Conlin Travel at +1 (800) 783-9559 or +1 (734) 677-0900. Be sure to mention Health Level Seven when calling.

MEALS
A continental breakfast and buffet lunch is included with each day’s tutorial registration fee. Lunch is from 12:30 pm to 1:30 pm each day. Refreshment breaks will also be provided each day at 10:30 am and 3:00 pm.

NETWORKING RECEPTION
Don’t miss the HL7 Networking Reception, Tuesday, March 4, 2008 from 5:15 pm to 6:30 pm.

HOW DO I REGISTER?

MAIL
Please complete the registration form on the inside of this brochure and mail it (along with credit card information or a check payable to Health Level Seven in U.S. funds drawn on a U.S. bank ONLY) to the following address:

Health Level Seven
3300 Washtenaw Ave. Suite #227
Ann Arbor, MI 48104 USA

FAX
You may fax registration and credit card information to: +1 (734) 677-3128.

REGISTER ONLINE
Online registration is available until the end of the day, ET on February 25, 2008 at www.HL7.org. For your convenience, you can pay via credit card directly on the website, or print the registration form and mail it with payment.

EARLY BIRD REGISTRATION
Registrations and payment must reach us by the end of the day, ET on February 10, 2008 to receive the special Early Bird rate. Please see the registration form on the inside back page.

ADVANCE REGISTRATION/PAYMENT
Advance registrations MUST include payment. Registrations received without payment will not be processed until the time that payment is received.

ON-SITE REGISTRATION
On-site registrations will be accepted March 4-6, 2008. Payment in full is required at the time of registration.

For more information, please contact the HL7 Registration Center at: +1 (734) 677-3126 or reginfo@HL7.org.
**T1** Intro to Version 2.x: Parts 1 & 2  
Tuesday, March 4 / 9:00 am – 5:00 pm

This tutorial introduces students to HL7 and the basic concepts of Version 2. It covers some of the standard’s fundamental chapters including Control, Patient Administration, Order Entry and Results Reporting.

**This Tutorial Will Benefit:**  
• Those new to HL7

**Faculty:**  
*Mike Henderson:* Principal Consultant, Eastern Informatics

**T2** Clinical Document Architecture (CDA) Introductory Tutorial  
Tuesday, March 4 / 9:00 am – 12:30 pm

The Clinical Document Architecture is HL7’s specification for standards-based exchange of clinical documents. CDA is based on the concept of scalable, incremental interoperability and uses Extensible Markup Language (XML), the HL7 Reference Information Model (RIM) and controlled terminology for structure and semantics. This tutorial presents the business case for CDA, its primary design principles and an overview of the technical specification. The session describes CDA projects in the United States, Europe and Asia/Pacific and the tools available for CDA creation, management and distribution. It also covers the current work on various implementation guides based upon the CDA standard.

**This Tutorial Will Benefit:**  
• Managers considering CDA for local implementation  
• Product managers considering support for CDA  
• Public health officials and those building information exchange networks  
• Implementers beginning to work with CDA

**Prerequisites:**  
• Introduction to Version 3 (Part 1) recommended

**Faculty:**  
*Calvin Beebe:* Co-Chair, HL7 Structured Documents Technical Committee; Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic—Rochester, MN

**T3** HL7 Version 3 Reference Model  
Tuesday, March 4 / 9:00 am – 12:30 pm

This tutorial provides an in-depth review of the HL7 Version 3 reference models (Reference Information Model, Data type, and Vocabulary). The HL7 Version 3 Reference models are the foundation of HL7 Version 3. They are the models from which all Version 3 domain specifications are derived. This tutorial will expose the student to the details of the Reference Information Model (RIM), data types and vocabulary specifications.

**This Tutorial Will Benefit:**  
• HL7 Version 3 specification developers and implementers  
• Anyone interested in the HL7 RIM

**Faculty:**  
*Abdul-Malik Shakir:* Co-Chair, HL7 Education Committee; Principal Consultant, Shakir Consulting

**T4** Clinical Document Architecture (CDA) Part II  
Tuesday, March 4 / 1:45 pm – 5:00 pm

CDA implementation requires understanding the CDA refinement of the RIM (the CDA RMIM), the Version 3 data types and how these combine with controlled vocabularies to form “clinical statements.” This tutorial reviews the principles of semantic interoperability with CDA and how these are reflected in the CDA model and implemented in the CDA schema. It also reviews the CDA RMIM, schema and data types. In addition, the tutorial gives a detailed walkthrough of samples of CDA documents, coded using Clinical Statements.

**This Tutorial Will Benefit:**  
• Those needing to learn more about CDA, Release Two, its derivation from the RIM and issues relevant to implementing CDA 2.0 solutions  
• Implementers needing to work with CDA, and wanting a review of the details
Upon Completion of This Tutorial, Students Will:
- Have an overview of CDA’s components
- Have insight into the XML markup required to implement solutions
- Have a better understanding of the issues surrounding semantic interoperability using CDA

Prerequisites:
- Completion of the Introduction to the Clinical Document Architecture (CDA) tutorial recommended, but not required
- Basic knowledge of the Version 3 standards (as can be obtained from the Introduction to Version 3 tutorial series)

Faculty:
Abdul-Malik Shakir: Co-Chair, HL7 Education Committee; Principal Consultant, Shakir Consulting

Introduction to Version 3: Parts 1 & 2
Wednesday, March 5 / 9:00 am – 5:00 pm

This class provides a general overview and introduces fundamental concepts required to understand Health Level Seven's newly emerging Version 3 family of standards.

Included In the Class Is:
- The general rationale for Version 3
- Overview of Version 3’s two key concepts—messaging and documents (CDA)
- Overview of the Version 3 publication (ballot and standard)
- Essential concepts and terminology necessary to understand the static models of Version 3 used by all Version 3 objects (messages, documents, etc)
- Introduction to the Version 3 dynamic model for message interactions
- How a simple message is wrapped for transmission

A walkthrough of a simple example will be provided. The latest Version 3 ballot publication can be accessed and downloaded from: http://www.hl7.org/v3ballot/html/welcome/introduction/index.htm.

This Tutorial Will Benefit:
- Anyone interested in Version 3 implementation or standards development
- Anyone interested in more advanced Version 3 classes on messaging and CDA

Upon Completion of This Tutorial, the Student Will Have Obtained the Following:
- General understanding of the purpose, function, and format of Version 3 messaging and documents
- Proficiency in Version 3 terminology including the RIM, RMIM, and all messaging components
- Knowledge of scope, contents, and organization of the Version 3 publications

Prerequisites:
- Experience with healthcare interfacing would be helpful
- Experience or training with systems (development, integration, and/or implementation) required

RIM-Based Relational Database Design
Tuesday, March 4 / 1:45 pm – 5:00 pm

This tutorial explores the process of designing a relational database structure based upon the HL7 Reference Information Model (RIM). It presents the process of normalization including analysis of data types, repeating attributes, and inheritance structures. The tutorial also addresses design issues such as the selection of primary and foreign keys, de-normalization, and constraining code values. This tutorial uses database design examples from projects conducted by the Centers for Disease Control and Prevention, the California Department of Health Services, and the Los Angeles Department of Public Health.

This Tutorial Will Benefit:
- Anyone considering designing a physical database based upon the HL7 RIM
- Anyone in public health looking to create a Public Health Information Network (PHIN) compliant operational data store

Prerequisites:
- An understanding of HL7 RIM, data type, and vocabulary specifications
- Some understanding of database design practices and principles
• It is assumed that the student has some familiarity with the HL7 organization and its processes (balloting procedures, etc)

Faculty:
Virginia Lorenzi: NewYork-Presbyterian Hospital
Associate, Department of Biomedical Informatics, Columbia University

W7 Version 2 Message Profiles and Conformance
Wednesday, March 5 / 9:00 am – 12:30 pm

This course is designed to explore the concept of conformance within HL7 Version 2 as described in Chapter 2 of Version 2.5. Additionally, this tutorial will demonstrate how we can apply message profiling to interoperability by improving clarity, simplifying implementations and streamlining testing. Participants will be introduced to tools that facilitate analysis and interoperability while, at the same time, fully documenting HL7 conformance.

This Tutorial Will Benefit:
• Anyone interested in HL7 interoperability

Upon Completion of This Tutorial, Students Will Know:
• How to measure conformance using messaging profiling
• How vendors can document their applications’ implementations
• How providers can improve their RFP results by using message profiling
• How to use message profiles developed for specific domains
• The tools available to facilitate HL7 Version 2.x conformance efforts (Messaging Workbench and the Global Profile Library)
• More about HL7 conformance certification
• How to develop HL7 conformance documentation for Version 2

Prerequisites:
• Working knowledge of HL7 or other EDI standards (ASTM, X12)

Faculty:
Mike Henderson: Principal Consultant, Eastern Informatics

W8 CDA Specialist Certification Review
Wednesday, March 5 / 9:00 am – 12:30 pm

Upon completion of this tutorial, students will be better prepared to take the CDA Certification Exam.

This Tutorial Will Benefit:
• Anyone preparing for the CDA Certification Exam
• System analysts or clinical application developers wanting in-depth understanding of the CDA Release 2.0 Standard

Prerequisites:
• Participants are encouraged to read carefully the CDA Release 2.0 Standard
• Introduction to Version 3 (Part 1) as well as the CDA Introductory and Advanced tutorials are strongly recommended

Faculty:
Calvin Beebe: Co-Chair, HL7 Structured Documents Technical Committee, Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic—Rochester, MN

W9 V2.5 Control Specialist Certification Review
Wednesday, March 5 / 1:45 pm – 5:00 pm

This tutorial reviews the message definition and processing rules and data type definitions of the Control chapters of the HL7 Version 2.5 Standard. Upon completion of this tutorial, students will be better prepared to take the HL7 Version 2.5 Control Specialist Certification Exam. Note that students are also expected to prepare for the exam by previous study of Chapter 2 (Control) and Chapter 2A (Data Types) of the HL7 Version 2.5 Standard.

This Tutorial Will Benefit:
• Anyone preparing for the HL7 Control Specialist Certification Exam
• Interface analyst specialists and managers who need to understand the technical aspects of HL7 interfaces

Faculty:
Mike Henderson: Principal Consultant, Eastern Informatics
Electronic Health Record (EHR)

Wednesday, March 5 / 1:45 pm – 5:00 pm

This informative tutorial and review provides an in-depth look at the recently-approved 2007 ANSI EHR System Functional Model, Release 1 which now includes conformance criteria. It also provides background information, including an overview of other EHR standards. The tutorial will also include related industry background information, including a briefing on the standards initiatives of Certification Commission for Healthcare Information Technology (CCHIT) and Healthcare Information Technology Standards Panel (HITSP), as well as the status of ongoing EHR Technical Committee projects like Personal Health Record (PHR), Glossary, Profiles and Interoperability Model.

This Tutorial Will Benefit:
• Those seeking information on functionality and standardization of Electronic Health Records
• This tutorial focuses on EHR system functionality and will be helpful for those looking to implement EHR systems, those wishing to evaluate EHR systems, or those that have an interest in garnering a bit of EHR system industry background information

Upon Completion of This Tutorial, Students Will Know:
• Background of the EHR-S Functional Model as an ANSI standard
• Options to use the Functional Model for conformance and care setting profiles
• Background and status on HL7 and industry projects supporting EHR standards

Note: This tutorial focuses on functionality, not interoperability. While interoperability is a component of functionality, this tutorial is primarily focused on core functionality, not systems integration. The EHR-S is a functional standard, not a records/data standard.

Faculty:
Donald T. Mon, PhD: Co-Chair, HL7 EHR Technical Committee; Co-Facilitator, HL7 EHR Functional Model—Direct Care Section; HL7 EHR—PHR Linkage WorkGroup; Vice President, Practice Leadership, American Health Information Management Association (AHIMA)

HL7 Version 2.5 Certification Exam

Wednesday, March 5 / 5:15 pm – 7:15 pm

Health Level Seven is pleased to offer certification testing on HL7 Version 2.5, Chapter 2: Control. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Messaging Standard. Interface analysts, healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates. The knowledge required to pass the exam can be obtained by participation in the HL7 working group meetings, by attending HL7 education sessions, by field work dealing with HL7 interfaces, or simply by self-study of Chapter 2 and 2A of the HL7 Version 2.5 Standard (the standard may be obtained via HL7 membership or non-member purchase on www.HL7.org).

Note: Simply taking the courses offered at this summit will most likely not be sufficient to pass the test. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam.

HL7 CDA Certification Exam

Wednesday, March 5 / 5:15 pm – 7:15 pm

Health Level Seven is pleased to offer certification testing on HL7 CDA Release 2.0. Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the CDA Release 2.0 Standard. Healthcare systems analysts, medical software programmers, and medical informatics faculty and students are all potential candidates.

The knowledge required to pass the exam can be obtained by attending HL7 education sessions, by field work dealing with HL7 CDA based applications, or simply by self-study of the HL7 CDA Release 2.0 Standard. Please refer to the study guide on the HL7 Training and Certification page of the HL7 website for details on the content covered by the test.
Note: Simply taking the courses offered at this summit will most likely not be sufficient to pass the test. We strongly recommend a combination of the aforementioned to fully prepare yourself for the exam.

**TH13  Messaging Workbench, Part I**
Thursday, March 6 / 9:00 am – 12:30 pm

This tutorial will introduce the main features of the Messaging Workbench (MWB) tool. The Messaging Workbench facilitates many aspects of HL7 Version 2 messaging development including specification production, analysis and testing. The MWB leverages its integrated libraries of all HL7 Version 2 artifacts to maximize productivity in the interface development process. The following topics will be covered as they relate to the features of the MWB:

- Building HL7 conformance profiles (a.k.a message specifications)
- Reporting
- Interoperability
- Reverse engineering of profiles from message instances
- Testing services:
  - Message instance validation
  - Message instance generation

**This Tutorial Will Benefit:**
- Analysts, developers and project managers responsible for production and/or maintenance of HL7 Version 2 interfaces

**Faculty:**
Peter Rontey: VHA Developer of the Messaging Workbench

**TH14  Version 3 Messaging Implementation Analysis and Specification**
Thursday, March 6 / 9:00 am – 12:30 pm

The use of HL7 Version 3 to implement interfaces within a particular application context can have hidden complexities. While Version 3 has been designed to reduce the amount of required site-specific negotiation, it is not possible to simply pull the message specification(s) “out of the box” and install it. This tutorial guides the student through the analysis process, and addresses issues necessary for building robust interface solutions.

**This Tutorial Covers:**
- Documentation of message specifications
- Implementation considerations for data types
- Managing vocabulary from the implementation perspective
- Procedures to address refinement and localization of the standard
- Tips and strategies for successful implementation

**This Tutorial Will Benefit:**
- Analysts and architects who need to map HL7 Version 3 messages to or between computer applications
- Project managers responsible for Version 3 implementation projects
- Anyone considering Version 3 early adoption

**Upon Completion of This Tutorial, Students Will Know:**
- How to develop and carry out a plan for creating Version 3 interfaces
- How to read and write Version 3 message specifications
- How to design tips and strategies

**Prerequisites:**
- A basic understanding of Version 3 is a requirement (such as the Introduction to Version 3 Tutorials). More advanced tutorials (XML ITS and Wrappers) are encouraged as well. Previous experience in Version 2 implementations will be of value

**Faculty:**
Mead Walker: Mead Walker Consulting

**TH15  Introduction to Vocabulary**
Thursday, March 6 / 9:00 am – 12:30 pm

Brief topics include vocabulary use in information models, the CDA, and templates. This tutorial will give a short overview of terminology concepts and some frequently used terminologies in HL7, as well as an introduction to Common Terminology Services. Some of these topics are dealt with more comprehensively in the Application of Vocabulary tutorial.

**This Tutorial Will Benefit:**
- Those seeking an overview to terminology in HL7, LOINC and SNOMED in particular
Upon Completion of This Tutorial, Students Will Know:

- The basic role and integration of terminologies into HL7 messages
- An understanding of the LOINC and SNOMED systems

Faculty:
Russell Hamm: Co-Chair, Vocabulary Technical Committee; Informatics Consultant, Apelon, Inc.

**TH16  Messaging Workbench Advanced Applications**

Thursday, March 6 / 1:45 pm – 5:00 pm

This course reinforces and builds upon the knowledge obtained in the Messaging Workbench (MWB) Introductory class. It will familiarize the student with the options, infrastructure maintenance, and advanced features available in the MWB, enabling the student to make the most productive use of the tool.

The Following Topics Will Be Covered:
- Setting MWB options for enhanced productivity
- Advanced profile construction and management including:
  - Manipulation of message tree elements
  - Profile comparison and reconciliation
  - Application and setup of localized table library
  - Consistency checking for implementable profiles
- Advanced reporting topics
- Building, maintaining, importing and effective use of the integral Version 2.x and localized artifact libraries listed below:
  - Message
  - Segment
  - Data type
  - Table
- Introduction to Message Instance Validation Service
  - Validation of messages from a TCP/IP or Filestream
  - Validation of messages against a single profile
  - Validation of instances against message instance specified profiles
  - Generation/delivery of acknowledgment messages reflecting validation results
  - Use of the MWB Validation Service as pass through agent or ‘Sniffer’
- Introduction to Test Message Instance Generation
  - Automated creation of semantically correct message instances for use in testing

Upon Completion of This Tutorial, Students Will Know:

- How to optimize the MWB to maximize productivity
- How to effectively build and maintain message profiles
- How to build, manage, apply and maintain version-specific HL7 artifact libraries
- How the MWB may be used in interface testing and validation
- How to effectively harness some of the less well known MWB features and capabilities

Prerequisites:
- Familiarity with the MWB as established in the MWB Introductory tutorial or the Version 2 Message Profile Tutorial
- Familiarity with HL7 Version 2.5 conformance concepts will be helpful as will general familiarity with HL7 Version 2.x Chapter 2 Infrastructure and Messaging (Control Query)
- In order to follow along with the instructor, students need to come prepared with a laptop on which the latest MWB Release (6.6 or higher) has been installed. The MWB is available for download from the HL7 Conformance Documents page: http://www.hl7.org/Special/committees/conformance/docs.cfm

Faculty:
Peter Rontey: VHA Developer of the Messaging Workbench

**TH17  Using Version 3 Messaging to Support Public Health**

Thursday, March 6 / 1:45 pm – 5:00 pm

The tutorial discusses the need for standards to support data exchange within the public health community. It describes the way in which HL7 Version 3 is being used, in the United States, to provide solutions to longstanding problems. It will describe ongoing work at the Centers for Disease Control and Prevention.
(CDC), and at the Food and Drug Administration (FDA) to implement transactions to support public health reporting. The particular areas covered here include communicable disease reporting, adverse event notification and vital statistics reporting. In addition, the tutorial will address reporting within the context of the regulatory process. We will address regulated product submissions, stability reporting, and structured product label reporting.

The presentation will cover the requirements that need to be addressed, examine the process of implementing the interfaces, and discuss the challenges that need to be addressed. The class assumes a general knowledge of Version 3 messaging in order to concentrate on describing the specific features of the public health messages, and on working through the issues encountered during implementation.

This Tutorial Will Benefit:
- Those interested learning about the means used to implement Version 3, and in better understanding the challenges of constructing these interfaces
- Those with an interest in public health informatics, and the use of HL7 Version 3 to address challenges in that area

Faculty:
*Mead Walker*: Mead Walker Consulting

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**Application of Vocabulary in HL7**

*Thursday, March 6 / 1:45 pm – 5:00 pm*

**This Tutorial Will Cover the Following Topics:**
- The need for using standard coded terminologies in HL7 messages
- Why the Vocabulary Technical Committee was created and its current role and mission within HL7
- A brief summary of Version 2.x terminology strategy
- An overview of the Version 3 coded data types
- How coded terminologies are represented in Version messages
- How to register terminologies for use in HL7 messages
- A brief overview of knowledge systems and terminology ontologies
- A brief summary of the purpose of the Common Terminology Services specification

**This Tutorial Will Benefit:**
People who want to participate in the work of the Vocabulary Technical Committee, and people who are planning to implement Version 3 messages

**Upon Completion of This Tutorial, Students Will Know:**
- The history of the Vocabulary Technical Committee
- How to look up codes in the Version 2 tables
- How coded data is represented in Version 3 messages
- How to register a terminology for use in HL7 messages
- Who to ask if they have questions

**Prerequisites:**
- Introduction to Vocabulary

**Faculty:**
*Russell Hamm*: Co-Chair, Vocabulary Technical Committee; Informatics Consultant, Apelon, Inc.
**Meeting Registration Form**

**Early Bird** prices are reflected in **Red** below. **Early Bird** registrations with payment must reach us by the end of the day, ET on **February 10, 2008**. Advance registration must be received with payment by the end of the day, ET on **February 25, 2008**. After this date, registrations must be made and paid for ON-SITE ONLY. The registration fee includes a continental breakfast, a buffet lunch, and two refreshment breaks each day. In addition, Tuesday’s registration fee includes a networking reception.

**1. Contact Information:**

First Name  
Last Name  
Nickname  
( **This name will appear on your badge.** )

Title/Position  
Organization  
Email

Address

City  
State  
Zip  
Country

Telephone  
Fax

**2. Registration Fees:**

Registrants are eligible for all tutorials on the day(s) for which they’ve registered. However, HL7 Certification Testing is not included in the packages and must be registered for separately.

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<thead>
<tr>
<th>Options</th>
<th>Members</th>
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**TOTAL**

Member:  
Non-Member:

☐ I have joined HL7 as a member within the past 30 days.

☐ I am a member of an HL7 International Affiliate, employee of an HL7 organizational member or member of another eligible organization (ADA, AHIP, ASTM, Blue Cross/Blue Shield, IEEE, IHE, CDISC, GS1, DICOM, EHI, Medbibiquitous, CEN, OMG, NCPDP, SAFE-BioPharma, SNOMED, or X12N) and eligible for the member rate. Please list affiliate or organization:

**3. Payment Information:**

Payment must be included in order to process your registration.

**Method of Payment:** (U.S. Dollars, drawn on U.S. Bank Only)  
☐ Check (Make check payable to Health Level Seven, Inc.)

Credit Card:  
☐ Visa  
☐ Master Card  
☐ American Express  
☐ Diner’s Club

Number  
Exp. Date  
Name on Card (please print)  
Signature

**4. Schedule of Tutorials:**

**IMPORTANT:** Check the box(es) next to the classes for which you’re registering. Schedule is subject to change.

**Tuesday, March 4**

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<td>Intro to V2.x (Parts 1 &amp; 2)</td>
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<td>T2</td>
<td>9am-12:30pm</td>
<td>Intro to CDA</td>
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<td>T3</td>
<td>9am-12:30pm</td>
<td>HL7 V3 Reference Models</td>
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<td>T4</td>
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<td>CDA (Part 2)</td>
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<td>T5</td>
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<td>RIM-Based Database Design</td>
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**Wednesday, March 5**

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**Thursday, March 6**

<table>
<thead>
<tr>
<th>ID</th>
<th>TIME</th>
<th>TUTORIAL</th>
</tr>
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<tbody>
<tr>
<td>Th13</td>
<td>9am-12:30pm</td>
<td>MSG Workbench (Part 1)</td>
</tr>
<tr>
<td>Th14</td>
<td>9am-12:30pm</td>
<td>V3 Implementation Specifications</td>
</tr>
<tr>
<td>Th15</td>
<td>9am-12:30pm</td>
<td>Intro to Vocabulary</td>
</tr>
<tr>
<td>Th16</td>
<td>1:45pm-5pm</td>
<td>MSG Workbench Advanced</td>
</tr>
<tr>
<td>Th17</td>
<td>1:45pm-5pm</td>
<td>V3 for Public Health</td>
</tr>
<tr>
<td>Th18</td>
<td>1:45pm-5pm</td>
<td>Application of Vocabulary</td>
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**Register Online:** [www.HL7.org](http://www.HL7.org)

**Mail:** Please mail the completed registration form to:  
Health Level Seven  
3300 Washtenaw Ave., Suite #227  
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You will receive a confirmation of registration by mail. If you do not receive confirmation within two weeks, please call HL7 Registration at +1 (734) 677-3126. Please bring your confirmation materials to the meeting with you.
Located on the shores of Lake Michigan, Chicago is home to the blues, world-class sports teams, an internationally acclaimed symphony orchestra, spectacular live theater, celebrated architecture, thousands of restaurants, fine museums and an array of shopping.

Visitors should plan on spending time at Chicago's Museum Campus. The scenic park conveniently joins the Adler Planetarium & Astronomy Museum, the Shedd Aquarium/Oceanarium, and the Field Museum of Natural History with easy access to all three locations.

In addition to world-renowned museums, Chicago is home to a variety of spectacular attractions including Navy Pier, the city's lakefront playground. Other compelling attractions include Buckingham Fountain at Grant Park, the Hancock Observatory, the Sears Tower Skydeck, Lincoln Park Zoo, and the Art Institute of Chicago.

Chicago truly is the great American City...from stunning architecture and world-famous museums to lakefront parks and vibrant neighborhoods, Chicago offers a range of attractions that keep visitors coming back again and again!

*Copy and photos courtesy of the Chicago Convention and Tourism Bureau.*