EDUCATIONAL SUMMIT
November 15 – 17, 2011 • Washington, DC

EMBASSY SUITES HOTEL
CHEVY CHASE PAVILION
4300 Military Rd NW, Washington, DC 20015

Hotel Cutoff is October 17, 2011
Early Bird Registration Cutoff is October 31, 2011
Online Registration Cutoff is November 7, 2011

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

Health Level Seven® International
Unlocking the Power of Health Information

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 Education Work Group, are taught to those interested in learning more about and implementing the HL7 standards and related work products. This year we have added a new special edition workshop where attendees can get in-depth hands on training in addition to presentation style tutorials. Both types of educational summits focus on HL7 specific topics such as Version 2, Version 3 and Clinical Document Architecture (CDA®) 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 members of 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
Washington, DC – The Embassy Suites Hotel at the Chevy Chase Pavilion offers award winning hospitality and exceptional value combining outstanding service with the perfect metro location. Located in the upscale Friendship Heights district in Washington, DC, the hotel is located directly on the Metro Red Line and is in walking distance to the renowned Chevy Chase shopping district. The Embassy Suites Hotel is near Washington, DC’s top attractions, including the Smithsonian Institute, the National Zoo, the National Mall, the National Museum of Natural History, the National Aquarium and many more great destinations that are all accessible by taking the Metro. The Metro can drop you off at multiple points along the mall to get you as close as possible to your destination.

Efficiency
Our concentrated 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 2.6, CDA and Version 3 Reference Information Model (RIM).

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 October 31, 2011 will receive a full refund minus a $50 processing fee. After that date, no refunds will be given. If a track/tutorial does not meet minimum attendance requirements, it may be cancelled. In this event, registrants may attend the alternate track/tutorial or request a refund for the cancelled track/tutorial.
**Hotel**
The Educational Summit will be held at the Embassy Suites Hotel at the Chevy Chase Pavilion, 4300 Military Road N.W., Washington, DC 20015. To reserve your room, please call the hotel directly at +1 (202) 362-9300 or go online at www.embassysuitesdc.com and enter the group code HLS to apply our room rates. Be sure to mention you are with the Health Level Seven International room if you call. The special HL7 rate is $219 plus tax per night. You must register by end of day ET on October 17, 2011 to receive this rate.

**Ground Transportation and Parking**
Ronald Reagan Washington National Airport is 9 miles from the hotel. Transportation options include the Metro (WMATA) for $2.40 (approximately 35 minutes), or taxi (approximately $30). Washington Dulles International Airport is 25 miles from the hotel. Transportation options to the hotel include the Metro (WMATA) for $7.85 (start on a bus and have to walk a short distance to the Metro Station, with a total travel time of approximately 1 hour and 15 minutes), or taxi (approximately $50). For Metro information, please visit www.wmata.com. Self Parking at the hotel is $24 maximum per day with no in/out privileges.

**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.

**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 International in US funds drawn on a US bank ONLY) to the following address:

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

**Fax**
You may fax registration and credit card information to:
+1 (734) 677-6622.

**Register Online**
Online registration is available until the end of the day ET on November 7, 2011 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 October 31, 2011 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 November 15-17, 2011. Payment in full is required at the time of registration.

For more information, please contact Mary Ann Boyle at: +1 (734) 677-7777 or maryann@HL7.org
HL7 Educational Summit Special Edition: HL7 and Meaningful Use Hands-On Workshop

A special edition of the classic HL7 Educational Summit, combining live tutorial sessions with hands-on work on the standards needed to comply with the Meaningful Use rules.

The US Federal Regulations require that certified EHRs utilizing specified health information technology (HIT) standards be used when satisfying meaningful use criteria to receive Medicare and/or Medicaid incentives and avoid penalties. Healthcare interoperability is viewed as a critical part of meaningful HIT, allowing for information sharing across the continuum of care. Several HL7 standards and implementation guides as well as related vocabulary standards are referenced in the standards regulation to support EHR healthcare interoperability functions. This workshop has been designed by the HL7 Education Work Group for those interested in learning more about implementing HL7 in the context of Meaningful Use.

**TRACK 1**

**HL7 Version 2.x and Meaningful Use**

HL7 Version 2 appears in the Stage 1 regulations as a means for facilitating the communication of immunizations and other public health data. While not specified in the initial rule, it is the de facto standard for communication of lab results, clinical orders, and patient demographics — all necessary elements in the meaningful use of health information technology.

**This Track Will Benefit:**
- Those having limited or no experience with HL7 or those new to HL7 who need to implement HL7 Version 2.x messaging for Meaningful Use rules compliance

**Upon Completion of this Track, Students Will Know:**

**HL7 Version 2.x Base Standards**
- What is HL7
- Paradigms: messages, documents, services. Profiles, transport, content, and vocabulary
- Basic concepts: messages, documents, services, transport, content, and vocabulary
- HL7 Version 2.x main chapters: admission, observations, and orders
- Which message to use and when
- HL7 Version 2.x messages from the inside out: data types, fields, and segments
- Version 2 implementation guides
- Need for implementation guides and what comprises an implementation guide
- Implementation guide examples and how to create an implementation guide

**HL7 Version 2.x and Meaningful Use**
- Meaningful use requirements (short/long term) related to HL7 Version 2.x standards
- HL7 guides for reportable laboratory results and immunization messages: use cases, message types, vocabulary, caveats
- HL7, meaningful use and vocabularies

**Faculty:**
- *Patrick Loyd:* Co-Chair, HL7 Clinical Statement Work Group; Co-Chair, HL7 Infrastructure and Messaging Work Group; Co-Chair, HL7 Orders

**TRACK 2**

**HL7 CDA® Release 2 and Meaningful Use**

The HL7/ASTM CCD* (an implementation guide of the Clinical Document Architecture) is specified as the selected standard for the exchange of clinical information between providers and as the vehicle for electronic communication with the consumer. While not specifically designated in the stage 1 regulations, there are many other flavors of CDA documents that can play a role in meaningful HIT, such as discharge summaries, operative notes, test reports, and clinical genomics findings. In addition, the communication of quality — a key part of meaningful use — can be done using HL7 structured documents (both the patient oriented metrics and the measure definitions themselves).

**This Track Will Benefit:**
- Those having limited or no experience with HL7 or those new to HL7 or CDA who need to implement CDA Release 2 documents for Meaningful Use rules compliance

**Upon Completion of this Track, Students Will Know:**

**HL7 CDA Release 2 Base Standards**
- What is HL7
- Paradigms: messages, documents, services
- Basic concepts: Messages, documents, services, transport, content, and vocabulary
- HL7 CDA Release 2 use cases and scenarios
- CDA Release 2 data types
- CDA Release 2 structure: body, header
- Clinical statement: CDA Release 2 entries. CDA Release 2 constraining: implementation guides

**HL7 CDA Release 2 and Meaningful Use**
- Meaningful use requirements (short/long term) related to CDA Release 2 standards
- CDA templates and CCD, including CCD templates—C32/C80/C154 constraints
- HL7, meaningful use and vocabularies

**Faculty:**
- *Calvin Beebe:* Co-Chair, HL7 Structure & Semantic Design Steering Division – HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group; Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic – Rochester, MN
- *Diego Kaminker:* Chair, HL7 Argentina; Co-Chair, HL7 Education Work Group; Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic – Rochester, MN

**Version 2.6 Control Specialist Certification Exam Review**

**Thursday, November 17 / 9:00 am – 12:30 pm**

This tutorial reviews the message definition and processing rules and data type definitions of the Control chapters of the HL7 Version 2.6 Standard. Upon completion of this tutorial, students will be better prepared to take the HL7 Version 2.6 Control Specialist Certification Exam. Note that students are also expected to prepare for the exam by
previous study of Chapter 2 (Control), Chapter 2A (Data Types) and Chapter 2B (Conformance) of the HL7 Version 2.6 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:
Patrick Loyd: Co-Chair, HL7 Clinical Statement Work Group; Co-Chair, HL7 Infrastructure and Messaging Work Group; Co-Chair, HL7 Orders and Observations Work Group; Co-Chair, HL7 Technical and Support Services Steering Division; Sole Proprietor, ICode Solutions

CDA Specialist Certification Exam Review
Thursday, November 17 / 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 standard

Prerequisites:
- Participants are encouraged to carefully read the CDA Release 2 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 Structure & Semantic Design Steering Division – HL7 Technical Steering Committee; Co-Chair, HL7 Structured Documents Work Group; Co-Editor, CDA; Technical Specialist, Information Services, Mayo Clinic – Rochester, MN

HL7 Version 2.6 Control Specialist Certification Exam
Thursday, November 17 / 1:30 pm – 3:30 pm

Health Level Seven is pleased to offer certification testing on HL7 Version 2.6 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 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 Chapters 2, 2A and 2B of the HL7 Version 2.6 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 Specialist Certification Exam
Thursday, November 17 / 1:30 pm – 3:30 pm

Health Level Seven is pleased to offer certification testing on HL7 CDA Release 2. Certification testing is offered to those participants who want to demonstrate that they have a working knowledge of the HL7 CDA Release 2 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 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.

HL7 Version 3 RIM Certification Exam
Thursday, November 17 / 1:30 pm – 3:30 pm

Health Level Seven is pleased to offer certification testing on the HL7 Version 3 Reference Information Model (RIM) 2.11 (the version of the RIM on Version 3 Normative Edition 2006). Note that the RIM is the foundational base of all Version 3 artifacts. Certification testing is offered to those industry participants who are expected to have a working knowledge of the HL7 Version 3 RIM or its derived artifacts. 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 self study of the RIM and its associated normative structural vocabulary as well as through participation in the HL7 working group meetings, HL7 education sessions, and field work implementing HL7 Version 3 artifacts. 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.
**SCHEDULE AT A GLANCE**

**TRACK 1**

**HL7 VERSION 2.X AND MEANINGFUL USE**

**Tuesday, November 15**

**Presentation:** Introduction to HL7

**Exercise:** When to use which standard

**Break**

**Presentation:** Introduction to HL7 Version 2.x

**Exercise:** When to use which chapter of Version 2.x. Hands-on exercises to determine which HL7 Version 2.x trigger event to use in certain use cases

**Lunch**

**Presentation:** Introduction to HL7 Version 2.X – Structure: Introduction to chapter 2, including segments, fields and data types

**Exercise:** Basic HL7 Version 2.X exercise on recognition of segments, fields, etc. in actual messages and how to create HL7 messages

**Break**

**Presentation:** HL7 Version 2.x Implementation Guides – Covers the parts of an implementation guide and provides examples

**Exercise:** How to create an implementation guide and a conformant message for a small scenario

**Wednesday, November 16**

**Presentation:** Meaningful Use and HL7 Version 2.x

**Presentation:** HL7 Version 2.5.1 for Public Health Reporting

**Break**

**Exercise:** How to build and verify messages based on the HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health, Release 1 (US Realm). This will include providing a detailed scenario and walking through the steps to build and revise a conformant message for transmitting reportable results to public health

**Lunch**

**Presentation:** HL7 Version 2.5.1 for Immunizations / Centers for Disease Control Implementation Guide

**Exercise:** How to build and verify a conformant message for immunization messages with the Version 2.5.1 CDC Implementation Guide

**Break**

**Presentation:** HL7, Meaningful Use and Vocabularies

**Exercise:** Vocabulary overview and search exercise

**Thursday, November 17**

9:00am – 12:30pm **Version 2.6 Control Specialist Certification Exam Review**

CDA Specialist Certification Exam Review

1:30 – 3:30pm **HL7 Version 2.6 Control Specialist Certification Exam**

HL7 CDA Specialist Certification Exam

HL7 Version 3 RIM Certification Exam

**HL7 IS GOING GREEN! BRING YOUR LAPTOP TO YOUR TUTORIALS**

To reduce HL7’s carbon footprint, its meetings are now largely paperless. HL7 does not provide printed tutorial materials on-site. All materials will be distributed electronically to tutorial participants to either print out themselves or load to their laptops. It is important to bring your laptop to this meeting for all tutorials. Free WiFi internet access will also be provided.
EARLY BIRD prices are reflected in RED below. EARLY BIRD registrations with payment must reach us by the end of the day, ET on October 31, 2011. Advance registration must be received with payment by the end of the day, ET on November 7, 2011. After this date, registrations must be made and paid for ON-SITE ONLY. The registration fee includes a buffet lunch and two refreshment breaks each day.

1. CONTACT INFORMATION:

First Name  Last Name  Nickname
Title/Position  Organization  Email

Address
City  State  Zip  Country
Telephone  Fax

2. REGISTRATION FEES:

You must register for the certification exam review tutorials and certification exam separately from the track selection option.

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<th>NON-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, ASCX12, Blue Cross/Blue Shield, IEEE, IHE, CDISC, Continua Health Alliance, GS1, DICOM, EHI, Medbiquitous, CEN, OMG, NCPDP, SAFE-BioPharma, SNOMED, or Wedi) and eligible for the member rate. Please list affiliate or organization: ____________________________

Meal Requirements: □ Diabetic  □ Regular  □ Vegetarian  □ Other: ____________________________

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 International)
Credit Card: □ Visa  □ Master Card  □ Discover  □ American Express

Name on Card (please print)  Billing Street Address
In Washington, DC, you'll enjoy access to fascinating, FREE attractions and historic sights. Touch a moon rock, marvel at the Hope Diamond, view Dorothy’s Ruby Red slippers or explore Native American culture at the Smithsonian Institution’s fifteen Washington, DC area facilities. Discover treasures like the Gutenberg Bible at the Library of Congress, the only da Vinci painting in North America at the National Gallery of Art and historic documents like the Declaration of Independence at the National Archives.

Away from these celebrated federal sites, Washington, DC unwinds into a fascinating network of neighborhoods where visitors discover trendy boutiques, hip bars and restaurants, plus art galleries, historic homes and lush parks and gardens. Shoppers love the store-lined streets of Georgetown, while jazz music fans won’t want to miss a trip to U Street, where Duke Ellington played his first notes. The city’s international character shines through in its Adams Morgan and Dupont Circle neighborhoods, two prime destinations for eclectic dining and nightlife and the historic center of the city’s embassy community.

The arrival of several new eateries has made the nation’s capital a prime destination for dining out, with many of the city’s top tables located in the downtown Penn Quarter neighborhood. DC is also earning new recognition as a thriving performing arts town, with 65 professional theatre companies based in the metropolitan area presenting edgy world premieres and celebrated Broadway musicals throughout the year.

For more information, visit www.washington.org.

Copy and photos compliments of Destination DC.

Aerial View of Lincoln Memorial: Photo by Jason Hawkes