With seven professional sports teams, more than 200 entertainment and cultural attractions and thousands of restaurants, Atlanta can be best described as exciting, entertaining and enjoyable. Atlanta is much more than a meeting destination. The city has developed into the entertainment and cultural center of the South with more than 17 million visitors arriving each year to experience the abundance of attractions and culture.

Atlanta is Exciting

With world-class sporting venues and world-class sporting teams, it’s with good reason that Atlanta has earned the title of “Sports Capital of the World.” Whether you’re seeking the finest in collegiate, amateur or professional athletics, Atlanta can entertain and excite any fan any time of the year.

Atlanta is one of a few cities to feature professional sports teams in all four major sports, including the 1995 MLB World Series Champion Atlanta Braves, the NFL Atlanta Falcons, the NHL Atlanta Thrashers, and the NBA Atlanta Hawks.

Atlanta is Entertaining

World-class restaurants, festive night life and an abundance of cultural attractions and events help make Atlanta the center for entertainment in the South. Atlanta’s diverse restaurants feature cuisine from around the globe prepared by world-renowned chefs and served in an endless array of ambience and décor.

Culture is prominent in Atlanta. The city is home to impressive museums, including the High Museum of Art, SciTrek – the science and technology museum, and the Fernbank Museum of Natural History. Atlanta is also home to many performing arts theaters.

Atlanta is Enjoyable

To thoroughly enjoy Atlanta’s present, all one has to do is experience the city’s past. Atlanta’s historical attractions, such as the Atlanta History Center, Atlanta Cyclorama, the Dr. Martin Luther King, Jr., National Historic Site, Georgia’s Stone Mountain Park, and the Margaret Mitchell House & Museum, promise a day filled with education and entertainment.

Finally, Atlanta is blessed with a mild climate and with southern hospitality that is plentiful throughout the city.

Atlanta: An Exciting, Entertaining and Enjoyable Destination
At the recent HIMSS meeting in Chicago, I enjoyed walking around the exhibit hall and hearing the words “HL7” frequently included in conversations. At the HL7 Booth, the most frequent questions I was asked were “How do I learn about HL7? Everybody tells me I need to use HL7. How do I learn what to do?” How would you answer that question?

My first suggestion is that they come to an HL7 meeting, attend the First-Time Attendee Orientation, and then select some tutorials that seem of interest. I also suggest that they start out slowly, choosing the introductory tutorials before tackling more complex ones. While I think that is the correct advice, I also began wondering how long it would take them to come up to speed. How would they learn enough to select the correct tutorials? We now have the online HL7 eLearning Orientation Course, which I think is excellent. But, even so, this pathway would likely take a year to really get into HL7. Furthermore, how many people would a small company need to send to a meeting in order to understand HL7 standards enough to build HL7’s standards into their product?

For that matter, we could raise the same question about any of the HL7 affiliates. How many attendees from a single country are necessary to truly engage in HL7? Many of the larger countries typically have between 10 and 15 attendees. Smaller countries may have only one attendee. Obviously, to engage and influence a particular standard or a particular domain requires physical presence. How important is it to be at an HL7 Working Group Meeting from the perspective of learning and being aware of what is happening, of being able to influence an outcome, or of providing leadership? The obvious answer is that it is necessary to be present.

Understanding the importance of consistent attendance at HL7 Working Group Meetings is becoming increasingly necessary. As an international organization, HL7 needs input from the international community to ensure that our standards can be both global and meet the requirements of a particular country. The HL7 Board currently supports a policy that one HL7 Working Group Meeting will be held outside the United States each year. Those meetings are smaller in attendance, which has a financial impact on HL7. However, more importantly, 15 work groups did not meet in Kyoto. With a group that meets only three times a year, losing one productive meeting is significant. Still, I appreciate and support the concept of one Working Group Meeting: High-level executives and board members that have 23rd Annual HL7 Booth, the most frequent questions I was asked were “How do I learn about HL7? Everybody tells me I need to use HL7. How do I learn what to do?” How would you answer that question?

My first suggestion is that they come to an HL7 meeting, attend the First-Time Attendee Orientation, and then select some tutorials that seem of interest. I also suggest that they start out slowly, choosing the introductory tutorials before tackling more complex ones. While I think that is the correct advice, I also began wondering how long it would take them to come up to speed. How would they learn enough to select the correct tutorials? We now have the online HL7 eLearning Orientation Course, which I think is excellent. But, even so, this pathway would likely take a year to really get into HL7. Furthermore, how many people would a small company need to send to a meeting in order to understand HL7 standards enough to build HL7’s standards into their product?

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Schedule at a Glance

SATURDAY, SEPTEMBER 19
9:00 – 5:00pm TSC Meeting

SUNDAY, SEPTEMBER 20
8:30 – 5:00pm REGISTRATION
9:00 – 12:30pm Services and Service-Awareness in HL7
9:00 – 3:00pm Affiliates’ Council Meeting
9:00 – 5:00pm Financial Management (FM)
1:45 – 3:00pm Vocabulary (Voc) Facilitators’ Roundtable
1:45 – 5:00pm Architectural review Board (ArB)
1:45 – 5:00pm The SAEAF Behavior Framework
3:30 – 5:00pm Joint Working Group 9
4:00 – 5:00pm HL7 First-Time Attendees’ Orientation – FREE TUTORIAL
5:00 – 6:00pm HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL
6:00 – 8:00pm TSC Meeting

MONDAY, SEPTEMBER 21
7:00 – 8:00am HL7 First-Time Attendees’ Orientation – FREE TUTORIAL
7:00 – 5:00pm REGISTRATION
7:30 – 8:30am Continental Breakfast
8:30 – 12:30pm Plenary Meeting
10:20 – 10:50am Morning Break
12:30 – 1:30pm Lunch – First-Time Attendees’ Q & A reserved tables
12:30 – 1:30pm Lunch – Co-Chair reserved tables
1:45 – 5:00pm Working Group Meetings
1:45 – 5:00pm Imaging Interoperability: HL7, DICOM and IHE
1:45 – 5:00pm Introduction to Vocabulary
1:45 – 5:00pm Introduction to Electronic Health Record
3:00 – 3:30pm Afternoon Break
5:15 – 7:00pm Co-Chairs Dinner/Meeting (Must sign up)
6:00 – 8:00pm Open Space Meetings – Self Organized (no A/V)
7:00 – 8:00am Continental Breakfast
7:00 – 8:00am GS1 Education Session 1: The GS1 System providing globally unique identification keys - how is it used in the Healthcare?
7:00 – 8:00am HL7 Meeting for Nurses
7:00 – 8:00am HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL
7:00 – 5:00pm REGISTRATION
7:10 – 7:45am Ambassador Briefing – Introduction to CDA and CCD
8:00 – 8:45am General Session – HL7 CEO, CTO, Affiliates’ Council and TSC Reports, Announcements
9:00 – 12:30pm Introduction to Version 2, Part 1
9:00 – 12:30pm Introduction to Version 3, Part 1: Fundamentals
9:00 – 12:30pm Advanced Application of Vocabulary in HL7
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Lunch – First-Time Attendees’ Q & A reserved tables
12:30 – 1:30pm Lunch – Co-Chair reserved tables
12:30 – 1:30pm TSC Luncheon/Meeting
1:45 – 5:00pm Introduction to Version 2, Part 2
1:45 – 5:00pm Introduction to Version 3, Part 2: Messaging
1:45 – 5:00pm Electronic Health Record, Advanced – Conformance and Profiles
3:00 – 3:30pm Afternoon Break
3:30 – 5:00pm Architectural review Board (ArB)
3:30 – 9:00pm Board of Directors’ Meeting
6:00 – 8:00pm Open Space Meetings – Self Organized (no A/V)

TUESDAY, SEPTEMBER 22
7:00 – 8:00am Continental Breakfast
7:00 – 8:00am GS1 Education Session 1: The GS1 System providing globally unique identification keys - how is it used in the Healthcare?
7:00 – 8:00am HL7 Meeting for Nurses
7:00 – 8:00am HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL
7:00 – 5:00pm REGISTRATION
7:10 – 7:45am Ambassador Briefing – Introduction to CDA and CCD
8:00 – 8:45am General Session – HL7 CEO, CTO, Affiliates’ Council and TSC Reports, Announcements
9:00 – 12:30pm Introduction to Version 2, Part 1
9:00 – 12:30pm Introduction to Version 3, Part 1: Fundamentals
9:00 – 12:30pm Advanced Application of Vocabulary in HL7
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Lunch – First-Time Attendees’ Q & A reserved tables
12:30 – 1:30pm Lunch – Co-Chair reserved tables
12:30 – 1:30pm TSC Luncheon/Meeting
1:45 – 5:00pm Introduction to Version 2, Part 2
1:45 – 5:00pm Introduction to Version 3, Part 2: Messaging
1:45 – 5:00pm Electronic Health Record, Advanced – Conformance and Profiles
3:00 – 3:30pm Afternoon Break
3:30 – 5:00pm Architectural review Board (ArB)
3:30 – 9:00pm Board of Directors’ Meeting
6:00 – 8:00pm Open Space Meetings – Self Organized (no A/V)

WEDNESDAY, SEPTEMBER 23
7:00 – 8:00am Continental Breakfast
7:00 – 8:00am GS1 Education Session 2: Processes in Healthcare building on GS1 System: Traceability as an example
7:10 – 7:45am Ambassador Briefing – EHR-S Functional Model
7:30 – 5:00pm REGISTRATION
8:00 – 8:45am General Session – HL7 Annual Business Meeting, Awards Presentations, Announcements
9:00 – 12:30pm HL7 Version 2.5/2.6 Control Specialist Certification Exam Review
9:00 – 12:30pm Version 3 XML ITS and Data Types
9:00 – 12:30pm Introduction to Clinical Document Architecture
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Lunch – Project Facilitators’ Roundtable
1:45 – 3:00 pm Project Insight PM Tool
1:45 – 5:00pm Version 2 Message Profiles and Conformance
1:45 – 5:00pm Version 3 Messaging Implementation, Part 1: Analysis and Specification
1:45 – 5:00pm Clinical Document Architecture Advanced
1:45 – 3:00pm Architectural review Board (ArB)
3:00 – 3:30pm Afternoon Break
5:15 – 7:15pm HL7 Networking Reception
6:00 – 8:00pm Open Space Meetings – Self Organized (no A/V)

THURSDAY, SEPTEMBER 24
7:00 – 7:45am Newly Elected Co-Chair Training – FREE TUTORIAL
7:00 – 8:00am Continental Breakfast
7:30 – 5:00pm REGISTRATION
8:00 – 8:45am General Session – Announcements
9:00 – 12:30pm Version 3 Messaging Implementation, Part 2: Implementation Mechanics
9:00 – 12:30pm HL7 CDA Specialist Certification Exam Review
9:00 – 12:30pm HL7 Version 3 RIM Certification Exam Review
9:00 – 5:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Affiliate Chair or Designated Rep Luncheon/Meeting (Must sign up)
1:45 – 5:00pm Version 3 Specification Development Tools: Using HL7’s Version 3 Message Development Tools
1:45 – 5:00pm Continuity of Care Document
1:45 – 5:00pm Personal Health Record
1:45 – 5:00pm Architectural review Board (ArB)
3:00 – 3:30pm Afternoon Break
5:30 – 7:30pm HL7 Version 2.5/2.6 Control Specialist Certification Exam
5:30 – 7:30pm HL7 CDA Specialist Certification Exam
5:30 – 7:30pm HL7 Version 3 RIM Certification Exam
5:30 – 8:00pm Modeling & Methodology (MnM) Facilitators’ Roundtable

FRIDAY, SEPTEMBER 25
8:00 – 8:45am No General Session
8:00 – 9:00am Continental Breakfast
8:00 – 1:00pm Staff will be on hand for questions and assistance
9:00 – 3:00pm Working Group Meetings
10:30 – 11:00am Morning Break
12:30 – 1:30pm Lunch

Note: Tutorials appear in bold
Note: In compliance with our status as an ANSI-accredited standards developing organization, HL7 meetings are open.
What is a Working Group Meeting?

HL7 working group meetings are held three times per year at varying locations. These working group meetings serve two important purposes:
1) They give the HL7 work groups a chance to meet face-to-face to work on the standards;
2) They provide an invaluable educational resource for the healthcare IT community.

STANDARDS DEVELOPMENT
HL7 has more than 40 work groups dedicated to specialized areas of interest such as Orders and Observations and Electronic Health Records. These work groups are directly responsible for the content of the standards and spend much of their time at the working group sessions hard at work on standards development. Attending a work group meeting can be a great way to get a handle on what is going on in a particular area, and everyone attending an HL7 working group meeting is invited to attend any of the work group meetings. Please see pages 17-19 for a complete schedule of meeting times throughout the week.

EDUCATIONAL SESSIONS
This working group meeting will offer numerous educational opportunities. Sessions will cover a full range of HL7-specific topics such as Version 2.x Implementation, Version 3, and the Clinical Document Architecture (CDA), among others. Educational sessions also branch out to cover general interest industry topics such as the Electronic Health Record, XML and Vocabulary/Terminology. For a full listing of course descriptions, please see pages 6-13.

Newly Updated Education Tracks

HL7 has organized its courses into four tracks to make it easier to choose the educational offerings that are right for you:

TRACK 1 – VERSION 2 CORE
HL7 Version 2 is the world’s most successful healthcare interoperability standard. Originally developed in the late 1980s, it has been continually enhanced over time. The introductory tutorials familiarize students with the Version 2 messaging standard and its core domain areas, while the implementation classes provide the “how to” basics of implementation. The track also includes courses that cover conformance and profiles and XML for Version 2.

TRACK 2 – VERSION 3 CORE
HL7 Version 3 is HL7’s new flagship standard, adopted by major healthcare organizations, such as the NHS in England. This track is designed to give the attendee a thorough introduction to the Version 3 family of standards. It covers Version 3 fundamentals, the Reference Information Model, messaging, documents (Clinical Document Architecture), messaging infrastructure (wrappers, transport), and the XML Implementation Technology specification. It concludes with classes that address strategies for implementation.

TRACK 3 – HL7 SPECIAL TOPICS
The Special Topics track offers a variety of electives that describe important HL7 standards that may not fall in either the Version 2 or Version 3 family. These include HL7 standards for Electronic Health Records (EHR), visual integration (CCOW), Security and medical logic (Arden Syntax). The Special Topics track also offers advanced or specialized classes in Version 2 or Version 3 subjects which are not considered part of the basic core offerings. Examples include classes in Version 2 and Version 3 tooling, and domain classes such as Clinical Genomics.

TRACK 4 – INFORMATION FORUMS *FREE*
This track provides tutorials designed to support new member involvement, and help existing members become more effective in their participation in the HL7 standards development process. Tutorials included in this track are first timers’ orientation, introduction to HL7 organization and process, the HL7 development framework, and co-chair training.

These tracks are only suggested course groupings. Feel free to choose whatever courses you feel are right for you from among the four tracks.
## PROGRAM AGENDA

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 8:45 am</td>
<td><strong>Welcoming Comments</strong>&lt;br&gt;Charles Jaffe, MD, PhD&lt;br&gt;Chief Executive Officer&lt;br&gt;Health Level Seven, Inc.</td>
</tr>
<tr>
<td>8:45 – 9:30 am</td>
<td><strong>Keynote Session 1:</strong>&lt;br&gt;Response from the Clinical Community&lt;br&gt;John Tooker, MD, FACP&lt;br&gt;Executive Vice President/Chief Executive Officer&lt;br&gt;American College of Physicians</td>
</tr>
<tr>
<td>9:35 – 10:20 am</td>
<td><strong>Keynote Session 2:</strong>&lt;br&gt;Mandate 403 - The European Union’s EHR Initiative&lt;br&gt;Jeremy Thorp&lt;br&gt;Director of Business Requirements&lt;br&gt;NHS Connecting for Health</td>
</tr>
<tr>
<td>10:20 – 10:50 am</td>
<td><strong>Break</strong></td>
</tr>
<tr>
<td>10:55 – 11:40 am</td>
<td><strong>Keynote Session 3:</strong>&lt;br&gt;The Role for Quality Measures&lt;br&gt;Janet Corrigan, PhD&lt;br&gt;President and Chief Executive Officer&lt;br&gt;The National Quality Forum</td>
</tr>
<tr>
<td>11:45 – 12:30 pm</td>
<td><strong>Keynote Session 4:</strong>&lt;br&gt;The Role of the Office of the National Coordinator in Streamlining Standards Development&lt;br&gt;David Blumenthal, MD&lt;br&gt;National Coordinator for Health Information Technology, Office of the National Coordinator for Healthcare IT (ONC), U.S. Department of Health and Human Services</td>
</tr>
</tbody>
</table>
Tutorials

Now Offering CME Credit Sponsored through The American College of Physicians!

The tutorials offered at the 23rd Annual HL7 Plenary & Working Group Meeting now qualify for continuing medical education for physicians.

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Physicians and Health Level Seven®, Inc. The American College of Physicians is accredited by the ACCME to provide continuing medical education for physicians.

The American College of Physician’s designates the educational activity for a maximum number of 21 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

This Tutorial Will Benefit: • Those new to HL7

Faculty:

Mike Henderson: Co-Chair, Education Work Group; Principal Consultant, Eastern Informatics

Tuesday, September 22 / 1:45 pm – 5:00 pm  3 CME CREDITS

This tutorial provides the students with an overview of the Version 2 Orders and Observations messages and major concepts and provides a sampling of the type of information that can be communicated using these messages.

This Tutorial Will Benefit: • Those new to HL7 with a need to become familiar with Version 2 messages

Upon Completion of This Tutorial, Students Will Know: • Basic Order and Observation message structures • Sample messages • How to start to interpret the Version 2 Orders and Observation standards

Faculty:

Hans Buitendijk: Treasurer, HL7 Board of Directors; HL7 Clinical Statement Work Group; Co-Chair, HL7 Orders and Observations Work Group; Product Manager, Siemens Medical Solutions Health Services Corporation

Wednesday, September 23 / 9:00 am – 12:30 pm  3 CME CREDITS

This tutorial reviews the message definition as well as 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: 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 2.5/2.6 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:

Mike Henderson: Co-Chair, HL7 Education Work Group; Principal Consultant, Eastern Informatics

Wednesday, September 23 / 1:45 pm – 5:00 pm  3 CME CREDITS

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 document HL7 conformance.
This Tutorial Will Benefit:
• Anyone interested in HL7 interoperability

Upon Completion of This Tutorial, Students Will Know:
• How to measure conformance using message 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
• 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:
AbdulMalik Shakir: Co-Chair, HL7 Education Work Group; Member, HL7 Architectural review Board; Principal Consultant, Shakir Consulting

TH24  HL7 Version 2.5/2.6 Control Specialist Certification Exam

Thursday, September 24 / 5:30 pm – 7:30 pm

Health Level Seven is pleased to offer certification testing on HL7 Version 2.5/2.6, 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 Standard Version 2.5/2.6 (the standard may be obtained via HL7 membership or non-member purchase on www.hl7.org).

Note: Simply taking the courses offered at this meeting 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.

TRACK 2 — VERSION 3 CORE

T7  Introduction to Version 3, Part 1: Fundamentals

Tuesday, September 22 / 9:00 am – 12:30 pm  3 CME CREDITS

Introduction to Version 3 is a rigorous introduction to HL7’s newly emerging standard. Included in the class is:
• General rationale for Version 3
• Explanation 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 for both messages and documents

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, Students Will Have Obtained the Following:
• General understanding of the purpose, function, and format of Version 3 messaging and documents
• Rudimentary knowledge of the Reference Information Model (RIM) with a focus on act, role, relationship, and participation
• Rudimentary understanding of Version 3 Refined Message Information Models (RMIMs) and the refinement process
• 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
• 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

T10  Introduction to Version 3, Part 2: Messaging

Tuesday, September 22 / 1:45 pm – 5:00 pm  3 CME CREDITS

Health Level Seven is famous as a provider of messaging standards. That is, providing the standard format and interaction specifications required for two disparate healthcare systems to communicate at the application level. This tutorial builds on the morning Version 3 introduction class by focusing on how messaging is addressed with the Version 3 Standard. It reviews and expands on how Version 3 static models are used to represent messages. The Version 3 dynamic model, which is related to the interactions between systems, is introduced. The tutorial explains how message sets are documented within the standard. Finally, it explores how a simple message is wrapped, transmitted, and acknowledged.

Note that the class is based on the latest Version 3 ballot material. The latest Version 3 ballot publication can be accessed and downloaded from http://www.hl7.org/V3ballot/html/welcome/introduction/index.htm. Students may be interested in reviewing or downloading the ballot material prior to class.

The Tutorial Will Benefit:
• Anyone who needs to read Version 3 messaging publications
• Anyone interested in Version 3 implementation or standards development
• Anyone interested in more advanced classes on Version 3

Upon Completion of This Tutorial, Students Will Have Obtained the Following:
• Rudimentary understanding of Version 3 static and dynamic models and associated terminology as needed to support Version 3 messaging
• General understanding of the following specific dynamic model concepts: storyboard, application role, trigger event, interaction
• General understanding of the following static model components: DMIM, HMD, and message type
• Summary of all functional areas in the current Version 3 ballot publication and their status
• Ability to read a Version 3 functional domain

Prerequisites:
• Introduction to Version 3, Part 1: Fundamentals
Tutorials

**Note:** Messaging builds directly on the concepts covered in Part 1 and is designed to be a continuation of the morning class. Most attendees of Messaging also take the Intro class. If you would like to take Messaging without the Intro please contact the instructor.

**Note:** It is assumed that the attendee has basic familiarity with Version 3, including a general understanding of the RIM and how to interpret the RMIMs. This is covered in the Introduction to Version 3, Part 1 class.

**Faculty:**
Virginia Lorenzi: NewYork–Presbyterian Hospital; Associate, Department of Biomedical Informatics, Columbia University

### W13 Version 3 XML ITS and Data Types

**Wednesday, September 23 / 9:00 am – 12:30 pm**  **3 CME CREDITS**

This tutorial provides an in-depth look at the Version 3 XML Implementation Technology Specification (ITS), covering both the and Data Types R1 and R2 portions of the ITS.

**This Tutorial Will Benefit:**
- Anyone with XML experience interested in Version 3 implementation
- Anyone with a specific interest in the Version 3 XML Implementation Technology Specification

**Upon Completion of This Tutorial, Students Will Know:**
- How clinical and administrative information is represented in Version 3 messages (interactions) and documents using XML instances
- Basics of how to generate and process Version 3 XML instances
- An understanding of Version 3 data types, especially with respect to their XML implementation

**Prerequisites:**
- Basic knowledge in Version 3 concepts, including RIM (act, entity, role, participation), RMIM, HMD, message type, and interaction
- Knowledge of the Extensible Markup Language (XML)
- Basic knowledge of XML schema
- The Version 3-related prerequisites can be met by taking the Introduction to Version 3 tutorials (Part 1 and Part 2). The XML-related prerequisites can be met in many ways; for instance refer to the following XML related specifications:
  ✦ Extensible Markup Language (XML) 1.0 (Second Edition) http://www.w3.org/TR/REC-xml
  ✦ Namespaces in XML http://www.w3.org/TR/REC-xml
  ✦ XML Schema Part 0: Primer: http://www.w3.org/TR/xmlschema-0/

**Tools Needed:**
- While a laptop is not required, there will be a paper-based workshop component to this tutorial and those with a laptop and any XML editor running on it might get more out of the hands-on exercises

**Faculty:**
Dale Nelson: Co-Chair, HL7 Implementation Technology Specification Work Group; Co-Chair, HL7 Modeling & Methodology Work Group; Member, HL7 Architectural review Board

### W14 Introduction to Clinical Document Architecture

**Wednesday, September 23 / 9:00 am – 12:30 pm**  **3 CME CREDITS**

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 examines CDA projects in the United States, Europe and Asia/Pacific; the tools available for CDA creation, management and distribution; and current work on CDA implementation guides including the Continuity of Care Document (CCD), History and Physical and Healthcare-Associated Infection Reports.

**This Tutorial Will Benefit:**
- Healthcare providers and exchange network architects considering CDA implementation
- Product managers considering support for CDA
- Public health officials and those with structured information reporting requirements
- Implementers of all kinds beginning to work with CDA

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

**Faculty:**
Liora Alschuler: Co-Editor, CDA; Co-Chair, HL7 Structured Documents Work Group; Principal, Alschuler Associates, LLC

Brett Marquard: Integration Consultant, Alschuler Associates, LLC


**Wednesday, September 23 / 1:45 pm – 5:00 pm**  **3 CME CREDITS**

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.

**It 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 class also provides a lead-in for Version 3 Implementation, Part 2: Implementation Mechanics.

**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
This Tutorial Will Benefit:
• 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: Health Datat and Interoperability, Inc.

W17 | Clinical Document Architecture Advanced

Wednesday, September 23 / 1:45 pm – 5:00 pm  3 CME CREDITS

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 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 Clinical Document Architecture (CDA) Introductory 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:
Calvin Beebe: Co-Chair, 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
Robert Dolin, MD (Co-Speaker): Chair-Elect, HL7 Board of Directors; Co-Chair, HL7 Structured Documents Work Group; Physician, Semantically Yours, LLC

TH18 | Version 3 Messaging Implementation, Part 2: Implementation Mechanics

Thursday, September 24 / 9:00 am – 12:30 pm  3 CME CREDITS

This class gives an overview of current technical strategies for implementing solutions based on the Version 3 specifications. How do we populate a message from our repository? What do we do when we receive a message? How do we process it? This tutorial will address implementation of Version 3 messaging systems from a practical point of view. Different architectural approaches will be examined and compared. The tutorial is designed to address the needs of the implementer/developer/application architect. The tutorial will address techniques and design patterns for manipulating Version 3 messages: parsing and serialization, extended validation, communication, storage and retrieval and enablement of existing applications.

This Tutorial Will Benefit:
• Better prepared to take the HL7 Version 3 Certification Exam. Note that students are also expected to prepare for the exam by previous study of the HL7 Version 3 RIM

Upon Completion of This Tutorial, Students Will Be:
• 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 E. Beebe: Co-Chair, 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
Tutorials

This Tutorial Will Benefit:
- Anyone preparing for the HL7 Version 3 RIM Certification Exam
- Interface analyst specialists and managers who need to understand the technical aspects of HL7 interface

Faculty:
AbdulMalik Shakir: Co-Chair, HL7 Education Work Group; Member, HL7 Architectural review Board; Principal Consultant, Shakir Consulting


Thursday, September 24 / 1:45 pm – 5:00 pm 3 CME CREDITS

This tutorial will provide understanding of the tools that work group contributors and facilitators use to develop and submit content for HL7 Version 3 ballots and how those tools interact to provide that support. It will also cover tooling that work groups and implementers can use to better document their specifications, including the ability to develop documentation targeted at different user groups. This will be a “hands-on” session with participants “following along” by running the tools on their own laptop computers. Instructions on downloading and installing the necessary tools will be provided.

See “Installing and Configuring HL7 Tools” at http://informatics.mayo.edu/wiki/index.php/Installing_and_Configuring_HL7_Tools (Note: For access to this site, use UserID: “wiki” and Password: “wikiwiki”)

This Tutorial Will Benefit:
- Individuals who are supporting HL7 work groups, related project teams, and others involved in the documentation of messaging standards, and the creation and documentation of messaging designs

Scope:
The intent is to provide an overview of the tooling that supports ballot tooling from “end-to-end” including:
- Tooling architecture, including the place and potential uses of the HL7 Model Interchange Format (MIF)
- HL7 repositories—overview of contents and organization (brief)
- RoseTree—Use as a RIM and Vocabulary Browser (brief)
- Publication database—including WYSIWYG editing with XML Spy
- RMIM Design Tool in Visio—including design steps, use of shadows, textual documentation, validation, saving designs
- Creation of HMD and message type—creating these designs in RoseTree, once the RMIM is saved from Visio
- Creation of XML and Excel exports—exporting these representations of an HMD with RoseTree, and formatting of the Excel view
- Generation of XML schemas—creation of XML schemas for the message designs using HL7—defines XSLT processes. We will also cover likely (or known) future changes to these tools, time permitting

Prerequisites:
This tutorial pre-supposes a detailed familiarity with Version 3 terminology. At a minimum, the prospective student should have taken or have previous knowledge of the material addressed in the Introduction to Version 3 tutorials. Other courses on the Version 3 track, especially the Version 3 Implementation, Part 1 class, are suggested as well. The tutorial will not cover Version 3 terminology, the RIM, representation of concepts in an RMIM, cloning, application roles, etc. It is presumed that the participants are conversant with these topics and simply need to know how to capture the artifacts with the tools.

Faculty:
Lloyd McKenzie, PEng (Lead Speaker): Co-Chair, HL7 Modeling and Methodology Work Group; Co-Chair, Tooling Work Group; Modeling and Methodology Facilitator-at-Large; Principal Consultant, LM&A Consulting Ltd.

George (Woody) Beeler, PhD (Co-Speaker): Co-Chair, Foundation & Technology Steering Division-HL7 Technical Steering Committee; Co-Chair, HL7 Publishing Work Group; Co-Chair, HL7 Modeling and Methodology Work Group; Principal, Beeler Consulting, LLC

TH22 Continuity of Care Document

Thursday, September 24 / 1:45 pm – 5:00 pm 3 CME CREDITS

This tutorial will cover the HL7 Continuity of Care Document and the Level 3 entries, and related CDA specifications, including the ANSI/HITSP Consumer Empowerment Registration and Medication Summary, IHE Profiles making use of the CCD, and other HL7 specifications making use of CCD constructs (e.g., CDA4CDT).

This Tutorial Will Benefit:
- Implementers of the CCD specification or related specifications will benefit by understanding how to read the CCD specification and related specifications.

Upon Completion of This Tutorial, Students Will Know:
- How to implement the CCD

Prerequisites:
- CDA Intro and Advanced

Faculty:
Keith W. Boone: Co-Chair, HL7 Structured Documents Work Group; Interoperability Architect

TH25 HL7 CDA Specialist Certification Exam

Thursday, September 24 / 5:30 pm – 7:30 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 meeting 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.

TH26 HL7 Version 3 RIM Certification Exam

Thursday, September 24 / 5:30 pm – 7:30 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
track 3 — HL7 special topics

S1 Services and Service-Awareness in HL7

Sunday, September 20 / 9:00 am – 12:30 pm

The SOA WG has pioneered service-awareness within HL7 via the Health Services Specification Project (HSSP). Because of the success of this effort, HL7 has recently committed to extending service-aware thinking in general – and ballotable, HL7-compliant service specifications in particular – across the entire organization. This tutorial is divided into two sections. Section I will describe the HSSP processes and artifacts and update the audience on recent alignment of HSSP with the TSC-sponsored Services-Aware Enterprise Architecture Framework (SAEAF) project. The second section the SAEAF with respect to the core constructs of “service-awareness” including a discussion of the three core components – a formal Behavioral Framework, a Conformance/Compliance Framework, and a Governance Framework – applied to three core constructs – service roles, service contracts, and service collaborations.

This Tutorial Will Benefit:
- Analysts, architects, and/or developers interested in applying service-aware approaches

Upon Completion of This Tutorial, Students Will Know:
- The importance of services and service-aware thinking in achieving the goal of computable semantic interoperability in healthcare.
- The history of the Health Services Specification Project (HSSP) within HL7 and its relationship to OMG
- The motivation and trajectory of the HL7 Services-Aware Enterprise Architecture Framework (SAEAF)
- The alignment of the SAEAF with the HSSP activities within HL7 and with respect to OMG

Prerequisites:
- Awareness of the difficulties and complexities of achieving Working Interoperability (WI) using Services, Messages, or Documents. (Note: This tutorial will focus on WI in a service paradigm)

Faculty:
Charlie Mead: Co-Chair, Architectural review Board; Chief Technology Officer, Center for Biomedical Informatics and Information Technology (National Cancer Institute)

S2 The SAEAF Behavior Framework

Sunday, September 20 / 1:45 pm – 5:00 pm

The SAEAF Behavior Framework is a core component of the overarching HL7 Services-Aware Enterprise Architecture Framework (SAEAF). In particular, it defines how exchanges using any one of HL7’s established Interoperability Paradigms – messages, documents, or services – specify the roles and interaction specifics around a particular instance of information exchange/coordination. The SAEAF Behavior Framework is built around the central concepts of Role, Interaction, and Contract and draws on several sources for its formalisms including RM-QOP, SOA Core Principles, Fowler’s Accountability Pattern, Meyer’s Design by Contract, and HL7 Dynamic Model requirements and experience.

This Tutorial Will Benefit:
- Anyone interested in understanding SAEAF in detail, particularly from the aspect of “behavioral” semantics (as opposed to “static” semantics, e.g. RIM, CDA, data types, etc.)

Upon Completion of This Tutorial, Students Will Know:
- Sufficient knowledge to being working with BF primitives (Roles, Interactions, Contracts, etc.) in the context of developing an HL7 message, document, or service specification.

Prerequisites:
- This tutorial will be a “deep dive” into the Behavior Framework and assumes that participants understand the general structure and content of – as well as the motivation for – the HL7 SAEAF. In particular, participants need to have a working knowledge of the SAEAF Enterprise Conformance and Compliance Framework (ECCF), as well as an understanding of the concept of Working Interoperability.

Faculty:
John Koisch: Co-Chair, HL7 Services Oriented Architecture Work Group; Guidewire Architecture

M4 Introduction to Vocabulary

Monday, September 21 / 1:45 pm – 5:00 pm

Brief topics include an overview of terminologies and value sets, concept representation in information models and messages, some commonly used vocabularies in healthcare, and Common Terminology Services. Some of these topics are dealt with more deeply and completely in the Advanced Application of Vocabulary and in other tutorials.

This Tutorial Will Benefit:
- Those seeking an overview to terminology, its usage in models and messaging, and specific examples in LOINC, SNOMED and various drug terminologies

Upon Completion of This Tutorial, Students Will Know:
- The reasons behind the need for coded terminology in models and communications
- The basic role and integration of terminologies into HL7 messages and models
- Basic understanding of commonly used clinical terminology systems as applied in HL7
- Modern techniques for accessing and manipulating terminology

Faculty:
Beverly Knight: Co-Chair, HL7 Vocabulary Work Group; Terminology Lead, Canada Health Infoway
Tutorials

M5  Introduction to Electronic Health Record

Monday, September 21 / 1:45 pm – 5:00 pm  3 CME CREDITS

This informative tutorial and review provides an in-depth look at the approved 2007 ANSI EHR System Functional Model, Release 1 which includes conformance criteria, along with background information including an overview of other EHR standards initiatives. The tutorial will also include related industry background information including a briefing on the standards initiatives of the Certification Commission for Healthcare Information Technology (CCHIT) and the Healthcare Information Technology Standards Panel (HITSP), as well as the status of ongoing EHR Work Group projects like 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 and status of the EHR System 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 and not systems integration. The EHR-S is a functional standard and not a records/data standard.

Faculty:
John Ritter: Co-Chair, HL7 Electronic Health Records Work Group; Co-Chair, HL7 International Mentoring Committee; Healthcare Standards Architect, College of American Pathology

T11  Electronic Health Record, Advanced – Conformance and Profiles

Tuesday, September 22 / 1:45 pm - 5:00 pm  3 CME CREDITS

This tutorial provides a hands-on second look at the EHR-S Functional Model Standard, and a detailed review of the concepts and action steps to develop conformant functional profiles. This class starts with a recap of the model and a description of varied EHR certification efforts, including a detailed how-to on the process and steps to create an EHR-S functional profile. It will also include an overview and status of both completed and ongoing profiling projects.

This Tutorial Will Benefit:
- Those seeking information on how the EHR-S Functional Model Standard is being used
- Those seeking to understand the rules for profiles and review examples of profiles
- Those seeking to understand the rules and process for building conformant functional profiles

Upon Completion of This Tutorial, Students Will Know:
- How the new EHR-S FM Standard is being used
- The rules for profiles (see examples of profiles)
- The rules and process for building conformant functional profiles

Prerequisites:
- Completion of the EHR-S Functional Model class or strong knowledge of Chapters 3, 4 and 5 of the model (Direct Care, Supportive & Information Infrastructure)

Faculty:
Corey Spears: Co-Chair, HL7 Electronic Health Records Work Group; Integration Manager, McKesson Provider Technology

T8  Advanced Application of Vocabulary in HL7

Tuesday, September 22 / 9:00 am - 12:30 pm  3 CME CREDITS

This Tutorial Will Cover The Following Topics:
- The need for using standard coded terminologies in HL7
- The Vocabulary Work Group, its current role and mission within HL7, and its current activities
- A brief summary of Version 2.x terminology strategy
- An overview of the Version 3 terminology strategy with a focus on coded data types
- How coded terminologies are represented in Version 3 models and messages and bound to them
- The HL7 vocabulary model and the use of these objects in Version 3 structures
- Maintenance of the HL7 vocabulary
- A brief summary of the purpose of the Common Terminology Services specification

This Tutorial Will Benefit:
- Individuals wanting to participate in the work of the Vocabulary Work Group, and those planning to implement HL7 messages

Upon Completion of This Tutorial, Students Will Know:
- The history of the Vocabulary Work Group
- How to access and manipulate terminology in HL7 Version 2.x (tables)
- How coded data is represented in Version 3 messages
- How to understand and use value sets and concept domains
- How to register a terminology for use in HL7 messages
- The functions and capabilities of Common Terminology Services
- Who to ask if they have questions

Prerequisites:
- Introduction to Vocabulary

Faculty:
Ted Klein, MS: Co-Chair, HL7 Vocabulary Work Group; Klein Consulting Inc.
This Tutorial Will Benefit:

• Those seeking information on the functionality and standardization of personal health records
• Those wishing to implement or evaluate PHR systems, or those who have an interest in understanding how PHR functionality relates to broader industry discussions related to personal health records, including consumer empowerment

Upon Completion of This Tutorial, Students Will Know:

• Background and status of the PHR-S Functional Model as an impending ANSI standard
• The structure and content of functional requirements for PHR systems, as shown by the model
• The differences between the PHR-S FM and the EHR-S FM
• Options to use the functional model for conformance and care setting profiles
• Background and status on HL7 and industry projects supporting PHR standards
• How the PHR-S FM supports broader industry concepts related to the personal health records, such as consumer empowerment

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 PHR-S FM is a functional standard, not a records/data standard.

Faculty:
Donald T. Mon, PhD: Member, HL7 Board of Directors; Co-Chair, HL7 Electronic Health Records Work Group; Co-Facilitator, HL7 EHR Functional Model—Direct Care Section; HL7 EHR-PHR Linkage Work Group; Vice President, Practice Leadership, American Health Information Management Association (AHIMA)

Tutorials

**TH23** Personal Health Record

Thursday, September 24 / 1:45 pm – 5:00 pm  3 CME CREDITS

This informative tutorial and review provides an in-depth look at the Personal Health Record System Functional Model (PHR-S FM), the difference between the EHR and the PHR, the relationship between the PHR-S FM and the EHR-S FM, and PHR initiatives around the world.

This Tutorial Will Benefit:

• Those seeking information on the functionality and standardization of personal health records
• Those wishing to implement or evaluate PHR systems, or those who have an interest in understanding how PHR functionality relates to broader industry discussions related to personal health records, including consumer empowerment

Upon Completion of This Tutorial, Students Will Know:

• Background and status of the PHR-S Functional Model as an impending ANSI standard
• The structure and content of functional requirements for PHR systems, as shown by the model
• The differences between the PHR-S FM and the EHR-S FM
• Options to use the functional model for conformance and care setting profiles
• Background and status on HL7 and industry projects supporting PHR standards
• How the PHR-S FM supports broader industry concepts related to the personal health records, such as consumer empowerment

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 PHR-S FM is a functional standard, not a records/data standard.

Faculty:
Donald T. Mon, PhD: Member, HL7 Board of Directors; Co-Chair, HL7 Electronic Health Records Work Group; Co-Facilitator, HL7 EHR Functional Model—Direct Care Section; HL7 EHR-PHR Linkage Work Group; Vice President, Practice Leadership, American Health Information Management Association (AHIMA)

**F2/F4** HL7 Organization and Process Orientation/Introduction – FREE TUTORIAL

Sunday, September 20 / 5:00 pm – 6:00 pm
Tuesday, September 22 / 7:00 am – 8:00 am

This session provides a brief history of the HL7 organization and answers the question “What is HL7?” An overview of the current work group structure and content domains will be presented. Attendees will learn the formal work group process and protocol and how to effectively participate in the work of the work groups. This tutorial has been added at the request of first time attendees seeking to gain deeper knowledge of the organization and its work processes.

Faculty:
John Quinn: HL7 Chief Technical Officer

**F5** Project Insight PM Tool – FREE TUTORIAL

Wednesday, September 23 / 1:45 pm – 3:00 pm

This session, targeted for co-chairs and project facilitators, will demonstrate Project Insight, HL7’s primary project repository. Project Insight will function as the foundation for project data and reporting, and will assist the PMO, the Technical Steering Committee (TSC) and Steering Divisions in executing HL7’s project methodology and processes.

This Tutorial Will Benefit:

• Work group and steering division co-chairs
• Project facilitators in assisting their committees in project development and facilitation by utilizing the Project Insight online tool

Upon Completion of This Tutorial, Students Will Know:

• How to create, manage and report on projects within Project Insight
• HL7 Project Management tools, processes and methodology

Intended Audience:

• HL7 co-chairs, steering division representatives and HL7 Project Facilitators

Faculty:
David Hamill: Director, HL7 Project Management Office

**F6** Newly Elected Co-Chair Training – FREE TUTORIAL

Thursday, September 24 / 7:00 am – 8:00 am

This session is intended for newly elected work group co-chairs. The purpose of the session is to introduce the co-chair responsibilities, review work group and balloting procedures, share tips on managing a work group, provide a framework for common operation among all work groups, and general Q&A session.

Faculty:
Freida Hall: Co-Chair, HL7 Project Services Work Group; Health Information Architecture, Standards Architect, US Department of Veterans Affairs

John Quinn: HL7 Chief Technical Officer
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<th>MON 21</th>
<th>TUE 22</th>
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# Meetings at a Glance

## Meetings Only – No Joint Sessions Listed

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<th>Sun AM</th>
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Q1 = 9:00 – 10:30 am; Q2 = 11:00 – 12:30 pm; Q3 = 1:45 – 3:00 pm; Q4 = 3:30 – 5:00 pm

DISCLAIMER: Meeting times are subject to change.
## Meetings at a Glance

**Meetings Only – No Joint Sessions Listed**

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<th>Sun</th>
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<th>Tues</th>
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Q1 = 9:00 – 10:30 am; Q2 = 11:00 – 12:30 pm; Q3 = 1:45 – 3:00 pm; Q4 = 3:30 – 5:00 pm

DISCLAIMER: Meeting times are subject to change.
**REGISTRATION & TUTORIAL HANDOUT HOURS**

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<tr>
<th>Day</th>
<th>Time</th>
<th>Description</th>
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<tbody>
<tr>
<td>Sunday</td>
<td>8:30 – 5:00pm</td>
<td>Registration &amp; Tutorial Handouts</td>
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<tr>
<td>Monday – Tuesday</td>
<td>7:00 – 5:00pm</td>
<td>Registration &amp; Tutorial Handouts</td>
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<tr>
<td>Wednesday – Thursday</td>
<td>7:30 – 5:00pm</td>
<td>Registration &amp; Tutorial Handouts</td>
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<td>Friday</td>
<td>8:00 – 1:00pm</td>
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**MEALS AND BREAKS**

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<tr>
<td>Monday</td>
<td>7:30 – 8:30am</td>
<td>Continental Breakfast</td>
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<td>Tuesday – Thursday</td>
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<td>Friday</td>
<td>8:00 – 9:00am</td>
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<td>Monday – Friday</td>
<td>12:30 – 1:30pm</td>
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<td>Monday – Thursday</td>
<td>3:30 – 5:00pm</td>
<td>Afternoon Break</td>
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**GENERAL SESSION ROOM**

Please plan to attend the Monday morning Plenary Meeting and the General Session Tuesday through Thursday for daily highlights, meeting announcements and changes.

- **Monday** 8:30 – 12:30pm  Plenary Meeting
- **Tuesday** 8:00 – 8:45am  HL7 CEO, CTO, Affiliates’ Council and TSC Reports, Announcements
- **Wednesday** 8:00 – 8:45am  HL7 Annual Business Meeting, Awards, Announcements
- **Thursday** 8:00 – 8:45am  Announcements
- **Friday** NO GENERAL SESSION

*Meeting times and locations are subject to change.*

**Note:** In compliance with our status as an ANSI-accredited standards development organization, anyone may register to attend HL7 meetings.
### Meetings

#### EMERGENCY CARE
- Monday: 1:45 – 5:00pm MEETING
- Tuesday: 9:00 – 5:00pm MEETING
- Wednesday: 9:00 – 5:00pm MEETING

#### FACILITATORS' ROUNDTABLE
- Sunday: 1:45 – 3:00pm Vocabulary Facilitators' Roundtable
- Wednesday: 12:30 – 1:30pm Project Facilitators' Roundtable
- Thursday: 5:30 – 8:00pm MnM Facilitators' Roundtable

#### FINANCIAL MANAGEMENT (FM)
- Sunday: 9:00 – 5:00pm MEETING
- Monday: 1:45 – 5:00pm MEETING
- Tuesday – Thursday: 9:00 – 5:00pm MEETING
- Friday: 9:00 – 12:30pm MEETING

#### FIRST-TIME ATTENDEES' MEETINGS
- Sunday: 4:00 – 5:00pm Orientation Meeting
- Monday: 7:00 – 8:00am Orientation Meeting
- 12:30 – 1:30pm Lunch Tables Reserved for Q & A
- Tuesday: 12:30 – 1:30pm Lunch Tables Reserved for Q & A

#### GOVERNANCE AND OPERATIONS COMMITTEE (GOC)
- Wednesday: 9:00 – 12:30pm MEETING

#### GOVERNMENT PROJECTS (GP)
- Tuesday: 1:45 – 5:00pm MEETING

#### GS1 EDUCATION SESSIONS
- Tuesday: 7:00 – 8:00am The GS1 System providing globally unique identification keys - how is it used in the Healthcare?
- Wednesday: 7:00 – 8:00am Processes in Healthcare building on GS1 System: Traceability as an example

#### HL7 MEETING FOR NURSES
- Tuesday: 7:00 – 8:00am MEETING

#### HL7 NETWORKING RECEPTION
- Wednesday: 5:15 – 7:15pm Reception

#### HL7 ORGANIZATION AND PROCESS ORIENTATION/INTRODUCTION
- Sunday: 5:00 – 6:00pm Orientation/Introduction
- Tuesday: 7:00 – 8:00am Orientation/Introduction

#### HEALTH CARE DEVICES (Dev)
- Monday: 1:45 – 5:00pm MEETING
- Tuesday – Thursday: 9:00 – 5:00pm MEETING
- Friday: 9:00 – 3:00pm MEETING

#### IMAGING INTEGRATION (II)
- Tuesday: 1:45 – 5:00pm MEETING
- Wednesday: 9:00 – 5:00pm MEETING
- 11:00 – 5:00pm MEETING

#### IMPLEMENTATION/CONFORMANCE (IC)
- Monday: 1:45 – 5:00pm MEETING
- Tuesday: 9:00 – 5:00pm MEETING
- Wednesday: 9:00 – 10:30am Hosting: Tooling, ITS
- 3:30 – 5:00pm Joint w/TSC, O&O, SD, ITS, IC, MnM, Sec, SOA, Templates, Voc and other interested Work Groups.
- 11:00 – 12:30pm Joint w/O&O, SOA

#### IMPLEMENTATION TECHNOLOGY SPECIFICATION (ITS)
- Wednesday: 9:00 – 10:30am Hosting: Tooling, ITS
- 11:00 – 12:30pm Joint w/TSC, O&O, SD, ITS, IC, MnM, Sec, SOA, Templates, Voc and other interested Work Groups.
- 1:45 – 3:00pm Joint w/InM, MnM, SOA
- 3:30 – 5:00pm Joint w/InM, MnM, SOA
- Thursday: 9:00 – 10:30am Hosting: P&R
- 11:00 – 12:30pm Joint w/Templates, Voc, SD
- Friday: 9:00 – 12:30pm Joint w/Templates, Voc, SD

#### INFRASTRUCTURE AND MESSAGING (InM)
- Wednesday: 9:00 – 12:30pm Meeting
- 1:45 – 3:00pm Joint w/O&O, SOA, MnM
- 3:30 – 5:00pm Joint w/TSC, O&O, SD, ITS, IC, MnM, Sec, SOA, Templates, Voc and other interested Work Groups.
- Thursday: 9:00 – 10:30am Hosting: MnM, SOA, ITS

#### INTERNATIONAL MENTORING COMMITTEE (IMC)
- Thursday: 1:45 – 5:00pm MEETING

#### JOINT WORKING GROUP 9
- Sunday: 3:30 – 5:00pm MEETING

#### MARKETING COUNCIL
- Monday: 3:30 – 5:00pm MEETING

#### MODELING & METHODOLOGY (MnM)
- Sunday – Monday: 1:45 – 5:00pm MEETING
- Tuesday: 9:00 – 5:00pm Hosting: Voc
- Wednesday: 9:00 – 10:30am Hosting: Voc
- 1:45 – 3:00pm Joint w/O&O, SOA, InM
- 3:30 – 5:00pm Joint w/TSC, O&O, SD, ITS, IC, MnM, Sec, SOA, Templates, Voc and other interested Work Groups.
- Thursday: 9:00 – 10:30am Hosting: InM, MnM, SOA

#### ORDERS & OBSERVATIONS (O&O)
- Monday: 1:45 – 3:00pm MEETING
- Tuesday: 9:00 – 10:30am Hosting: Pc, CDS
- 11:00 – 12:30pm Hosting: Pharm, PS, RCRM, PHR
- 1:45 – 3:00pm Hosting: PS
- 3:30 – 5:00pm Hosting: AP
- Wednesday: 9:00 – 10:30am Hosting: II
- 1:45 – 3:00pm Hosting: SOA, InM, MnM
- 3:30 – 5:00pm Joint w/TSC, SD, ITS, IC, InM, MnM, Sec, SOA, Templates, Voc and other interested Work Groups.
- Thursday: 9:00 – 10:30am Hosting: Clin Gen
- 11:00 – 12:30pm Hosting: Oncology, SOA
- Friday: 9:00 – 10:30pm Hosting: Oncology, SOA

#### OUTREACH COMMITTEE FOR CLINICAL RESEARCH (OCCR)
- Thursday: 7:00 – 8:00am MEETING

#### PATIENT ADMINISTRATION (PA)
- Monday: 1:45 – 5:00pm MEETING
- Tuesday: 9:00 – 5:00pm MEETING
- Wednesday: 9:00 – 10:30am Hosting: SOA
- 1:45 – 3:00pm Hosting: Clinical Statement
- 3:30 – 5:00pm MEETING

#### PATIENT CARE (PC)
- Monday: 1:45 – 3:00pm MEETING
- Tuesday: 9:00 – 5:00pm MEETING
- Wednesday: 9:00 – 10:30am Hosting: CIC, CBCC, PHER
- 1:45 – 5:00pm Joint w/EHR, PHER
- Thursday: 9:00 – 10:30am Hosting: PS
- 11:00 – 12:30pm Joint w/Templates, Voc, SD
- Friday: 9:00 – 12:30pm Joint w/Templates, Voc, SD
PATIENT SAFETY (PS)

Monday 1:45 – 5:00pm MEETING
Tuesday 11:00 – 12:30pm Joint w/O&O, Pharm, RCRIM, PHER
Wednesday 9:00 – 10:30am Joint w/PS
Thursday 9:00 – 10:30am Joint w/PC

PHARMACY (PHARM)

Monday 1:45 – 5:00pm MEETING
Tuesday 11:00 – 12:30pm Joint w/O&O, PS, RCRIM, PHER
Wednesday 9:00 – 12:30pm MEETING
Thursday 9:00 – 12:30pm MEETING
Friday 9:00 – 10:30am Joint w/PS

PROCESS IMPROVEMENT COMMITTEE (PIC)

Tuesday 11:00 – 3:00pm MEETING

PROJECT MANAGEMENT OFFICE PRESENTATION (PMO)

Wednesday 1:45 – 3:00pm Joint w/PM Tool

PROJECT SERVICES

Thursday 1:45 – 3:00pm Joint w/PM Tool

PUBLIC HEALTH EMERGENCY RESPONSE (PHER)

Monday 1:45 – 5:00pm MEETING
Tuesday 11:00 – 12:30pm Joint w/O&O, Pharm, PS, RCRIM
Wednesday 9:00 – 10:30am Joint w/PC, CIC, CBCC
Thursday 9:00 – 10:30am Joint w/PC
Friday 9:00 – 10:30am Joint w/SOA

REGULATED CLINICAL RESEARCH INFORMATION MANAGEMENT (RCRIM)

Wednesday – Thursday 9:00 – 12:30pm Joint w/EHR, Sec

RIM BASED APPLICATION ARCHITECTURE (RIMBAA)

Friday 9:00 – 10:30am Joint w/SOA

SECURITY (SEC)

Monday 1:45 – 5:00pm Joint w/CBCC
Tuesday 1:45 – 3:00pm Joint w/CIC
Wednesday 11:00 – 12:30pm Joint w/SD
Thursday 9:00 – 5:00pm Joint w/SD

SERVICES ORIENTED ARCHITECTURE (SOA)

Monday 3:30 – 5:00pm Joint w/PS
Tuesday 1:45 – 3:00pm Joint w/PC

Meetings

Wednesday 9:00 – 10:30am MEETING
11:00 – 12:30pm Hosting: SOA
3:30 – 5:00pm Joint w/O&O, InM, MmM, Sec, Templates, Voc and other interested Work Groups.

Thursday 9:00 – 10:30am Hosting: PS
11:00 – 12:30pm Joint w/PA
1:45 – 5:00pm MEETING
9:00 – 10:30am Hosting: PHER

STRUCTURED DOCUMENTS (SD)

Monday 1:45 – 5:00pm MEETING
Tuesday 9:00 – 10:30am Joint w/PS
11:00 – 12:30pm MEETING
3:30 – 5:00pm Joint w/PHER, CDS, Templates, Pharm

Thursday 9:00 – 10:30am Joint w/PS
11:00 – 12:30pm Joint w/InM, MmM, EO
1:45 – 5:00pm MEETING
9:00 – 10:30am Hosting: PHER

TOOLING

Tuesday 9:00 – 12:30pm Joint w/Templates, SD, PC
7:00 – 9:00pm Tooling Demonstrations

VOCABULARY (VOC)

Sunday 6:00 – 8:00pm MEETING
Tuesday 12:30 – 1:30pm Hosting: SD
Thursday 9:00 – 10:30am Hosting: SD
11:00 – 12:30pm Hosting: PC
1:45 – 5:00pm MEETING
9:00 – 12:30pm Hosting: SD

DISCLAIMER: Meeting times are subject to change. Please attend the daily General Sessions for room changes, meeting changes, additions and deletions notification. Also check the bulletin boards near the HL7 Registration Desk for updates each day.
“EARLY BIRD” RATE DEADLINE
Advance meeting registration, including payment, is required by August 28, 2009 to receive the discounted rates. Otherwise the full fee structure will apply. Consult the registration form (pages 21-22) for a schedule of meeting fees.

TO REGISTER
Please complete the registration form on pages 21-22 and mail it (along with a check payable to Health Level Seven in U.S. funds ONLY) to:

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

If paying by credit card, the registration may be faxed to:
+1 (734) 677-3128.

Online registration is also available via our website (www.HL7.org). For your convenience, you can pay via a credit card directly from the site or print the registration form and mail it along with payment. Advance registrations MUST include payment. No balance dues will be accepted and registrations received without payment will not be processed until the time that payment is received. Registrations received with payment by the Early Bird deadline will receive the Early Bird discount. Registrations where payment is not received by that deadline will require the full registration fee. Advance registrations will be accepted until September 4, 2009. After that time, registrations can only be made on-site. All on-site registrations require payment in full at the time of registration.

CANCELLATION POLICY
Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund minus a $50 processing fee. After that time, no refunds will be made.

TUTORIAL CANCELLATION
The tutorial schedule is subject to change. A tutorial may be cancelled if expected registration numbers are not met. If a tutorial is cancelled, pre-registrants will be notified via email. The registrant can select another tutorial at that time, or a full refund of the tutorial fee will be made. However, registration fees will not be refunded.

DRESS
The dress code is casual for all HL7 functions. Layered clothing is advised, as room temperatures vary.

MEALS
Continental breakfasts, refreshment breaks and lunches are included in the meeting registration fee and will be provided for all registered attendees Monday through Friday. Vegetarian and diabetic meals are available upon request. You must register for each day’s lunch on your registration form in order to receive lunch tickets.

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

GROUND TRANSPORTATION AND PARKING
The Sheraton Atlanta Hotel is approximately 12 miles from the Hartsfield Jackson International airport. Taxi service is available from the airport for approximately $30-$35.

Another transportation option from the airport is the Cooper-Atlanta Transportation Services. Please call +1 (770) 455-9600 for reservations or visit their website at www.cooper-atlanta.com. The rates are as follows:
- One way airport transfers start at $60.
- Point to Point Transportation starts at $70 per hour
- Options include limos, vans, cars, mini-buses and coaches

To make arrangements, attendees can call Conlin Travel at +1 (800) 783-9559 when calling.

TRAVELING VIA MARTA (the underground rail system)
The rate to and from the airport from the hotel is $1.75 one way. The Sheraton Atlanta Hotel is located at Peachtree Center Station, stop #N1. Once you exit your train, proceed to the escalators on the north end of the train station. (If you travel south, go left. If you travel north go right). Once through the exit gates, go to the long escalator to your right. Follow to the street level. Once on the street level, go left toward the Hard Rock Café. Turn left at the Hard Rock Café, which will be Andrew Young International Boulevard. Walk two blocks and we will be on the right at the intersection of International Boulevard and Courtland Street.

HOTEL INFORMATION
HL7’s 23rd Plenary & Working Group Meeting will be held at the Sheraton Atlanta Hotel.

Sheraton Atlanta Hotel
165 Courtland Street
Atlanta, GA 30303
Phone: +1 (800) 833-8624
Website: www.sheratonatlantahotel.com

To reserve your room, the hotel has set up a special website registration process just for HL7 attendees. HL7 attendees should log on to http://www.starwoodmeeting.com/Book/2009HL7 and simply follow the reservation instructions. Please note the group rate rooms are run of the house, which means the room type is based on the best available at check in, not prior to arrival. You will see the room type on the registration form, but it is only a request. Requests will be noted and based on availability.

For those making a reservation under the government rate of $141 per night, please log on to http://www.starwoodmeeting.com/Book/2009HL7govt and simply follow the reservation instructions.

Be sure to mention Health Level Seven to receive the discounted room rate of $155 per night single or double occupancy. These rates will be offered three days prior and three days after the meeting dates, subject to availability of rooms at the time of reservation. Remember, space is limited, so reserve your room early. Discounted room rates are available only on reservations made before August 28, 2009. Room rates are subject to all applicable state and local taxes in effect at time of check in.

If you need to cancel your room reservation, please do so 72 hours (three days) prior to your arrival date, and obtain a cancellation number. If you cancel within the three days, you will be charged one night’s reservation fee.

Please book your room at the HL7 meeting hotel.

HL7 urges all meeting attendees to secure your hotel reservations at the HL7 Working Group Meeting Host Hotel. This hotel has been contracted to provide the best rate and service to our HL7 meeting attendees, including the vast number of meeting rooms that HL7 uses. In order to secure the required meeting space, HL7 has a contractual obligation to fill our sleeping room blocks. If you make reservations at a different hotel, HL7 risks falling short on its obligation, which translates to HL7 paying additional costs (penalties) to the hotels. Should this occur, HL7 will likely be forced to pass these costs onto our attendees through increased meeting registration fees. Therefore, to help avoid such fee increases, we urge you to book your hotel room at our host hotel. Thank you!
Meeting Registration Form

1. CONTACT INFORMATION

End of day on August 28, 2009 is the deadline for Early Bird fees. Hotel reservations must be made by the end of the day on August 28, 2009. All advance registrations must be received by the end of the day on September 4, 2009. After this date, registrations can ONLY be made on-site with payment.

First Name  Last Name
Title/Position  Organization
Address  City  State  Zip
Country  Telephone  Fax
Email  Nickname for Badge
Are you a member within the last 30 days? Emergency Contact

2. SURVEY & INFORMATION

I am a/an:
[ ] Affiliate Chair  [ ] Facilitator — Publishing  [ ] Facilitator — Steering Division  [ ] HL7 Board Member  [ ] Past Board Chair
[ ] Facilitator — MnM  [ ] Facilitator — Vocabulary  [ ] First-Time WGM Attendee  [ ] HL7 Work Group Co-Chair  [ ] Tutorial Speaker

[ ] I am a member of an HL7 Affiliate, employee of an HL7 organizational member or member of another organization (ASC X12, ADA, ASTM, CDISC, CEN/TC 251, CHCF, DICOM, EHI, GS1, The Health Story Project, IEEE, IHE, Liberty Alliance, Medbiqitous, NAACCR, NCPDP, OASIS, OMG, SAFE, SNOMED/IHTSDO, WEDI) that is eligible for the member rate. Please list affiliate or organization:

[ ] I am an approved participant in the student program and eligible to receive
[ ] Discounted fees  [ ] Waived fees (appropriate forms have been completed and sent to HL7).

University attending:___________________________________________________________  Student # _____________________

Meal Requirements:
[ ] Diabetic  [ ] Regular  [ ] Vegetarian

Please indicate if you plan to attend any of these functions:
[ ] Affiliates’ Council (Sunday)  [ ] HL7 Networking Reception (Wednesday Evening)  [ ] Affiliate Chair or Designated Rep Luncheon (Thursday)
[ ] HL7 Board of Directors’ Meeting (Tuesday)

Deadline for Discounted Rates: Payment must be received by August 28, 2009 to qualify for the “Early Bird” rate.
The full fee structure applies to all registrations where payment is received after this date.

Cancellation/Refund Policy: Prepaid registrants who cancel prior to the Early Bird deadline will receive a full refund less a $50 processing fee. After this date, no refunds will be given for ANY reason.

Payment Policy: Registrations for the meeting on-site can only be paid for in US currency.

3. REGISTRATION AND TUTORIAL FEES:

You must register for either the ALL WEEK OPTION or the DAILY FEE in addition to any tutorials that you attend.

Sunday Meeting Fee:
This fee must be included if you will be attending any of the Sunday meetings. This fee is in addition to the Monday-Friday option fee. This fee does not apply to those attending the First-Time Attendees’ Orientation or the HL7 Organization and Process Orientation/Introduction.

Monday – Friday Option:
Please register me for the entire week. Please note that the Monday-Friday Option does not include the cost of tutorials. Please register separately for any tutorials you would like to attend.

Per Day Fees:
Please register me for the following days. Please note that daily fees do not include the cost of tutorials. Please register separately for any tutorials you would like to attend.

[ ] Monday  [ ] Tuesday  [ ] Wednesday  [ ] Thursday  [ ] Friday  _____________ days attending x fee:  $ ___________

MEMBERS
Before 8/28  After 8/28
[ ] $30  [ ] $30  [ ] $30  [ ] $30  $ _________
NON-MEMBERS
Before 8/28  After 8/28
[ ] $700  [ ] $950  [ ] $950  [ ] $1,225  $ _________

[ ] $200/day  [ ] $260/day  [ ] $260/day  [ ] $325/day  $ _________

Registrations sent by mail or fax will not be processed until payment is received. The “Early Bird” rate will not apply if payment is received after the cutoff date.

Registration questions: Please call +1 (734) 677-3126 or e-mail reginfo@HL7.org. You will receive confirmation of registration by mail. If you have not received a confirmation of registration within two weeks after registration, please call HL7 Registration at +1 (734) 677-3126. Please bring your confirmation materials to the meeting with you.
Payment must be included in order to process your registration. Method of Payment (U.S. Dollars, Drawn on U.S. Bank Only)

- Check (Please make payable to: Health Level Seven, Inc.)
- Credit Card: ☐ Visa ☐ Master Card ☐ American Express ☐ Discover

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<tr>
<th>CME Credit</th>
<th>MEMBERS Before 8/28</th>
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<th>NON-MEMBERS Before 8/28</th>
<th>NON-MEMBERS After 8/28</th>
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**Meeting Registration Form (continued)**

**Tutorial Fees:** Please register me for the following tutorials:
(Please note that you must also register for the days you are taking tutorials.)

- ☐ Track 3 – HL7 Special Topics: Services and Service-Awareness in HL7 (S1) $100
- ☐ Track 3 – HL7 Special Topics: SAEAF Behavior Framework (S2) $100
- ☐ Track 3 – HL7 Special Topics: Introduction to Electronic Health Record (M5) $100

**SUNDAY**

<table>
<thead>
<tr>
<th>Morning Session</th>
<th>Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F1) - Must sign up to attend this tutorial (please check the box.) ($295)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afternoon Sessions</td>
<td>Track 3 – HL7 Special Topics: Services and Service-Awareness in HL7 (S1) $100</td>
</tr>
<tr>
<td>Evening Sessions</td>
<td>Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F1) - Must sign up to attend this tutorial (please check the box.) ($295)</td>
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**MONDAY**

<table>
<thead>
<tr>
<th>Morning Session</th>
<th>Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F3) - Must sign up to attend this tutorial (please check the box.) ($195)</th>
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<tbody>
<tr>
<td>Afternoon Sessions</td>
<td>Track 2 – Version 3 Core: Introduction to Version 2, Part 1: Fundamentals (T7) $100</td>
</tr>
<tr>
<td>Afternoon Sessions</td>
<td>Track 2 – Version 3 Core: Introduction to Version 2, Part 2: Messaging (T10) $100</td>
</tr>
<tr>
<td>Afternoon Sessions</td>
<td>Track 3 – HL7 Special Topics: Introduction to Electronic Health Record, Advanced – Conformance and Profiles (T11) $100</td>
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**TUESDAY**

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<thead>
<tr>
<th>Morning Sessions</th>
<th>Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F4) - Must sign up to attend this tutorial (please check the box.) ($195)</th>
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<tbody>
<tr>
<td>Afternoon Sessions</td>
<td>Track 1 – Version 2 Core: Introduction to Version 2, Part 1 (T6) $100</td>
</tr>
<tr>
<td>Afternoon Sessions</td>
<td>Track 3 – HL7 Special Topics: Introduction to Vocabulary (M4) $100</td>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 4 – Information Forums: First-Time Attendees’ Orientation – FREE TUTORIAL (F4) - Must sign up to attend this tutorial (please check the box.) ($195)</td>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 2 – Version 3 Core: Introduction to Version 3, Part 1: Fundamentals (T7) $100</td>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 2 – Version 3 Core: Introduction to Version 3, Part 2: Messaging (T10) $100</td>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 2 – Version 3 Core: Introduction to Clinical Document Architecture (W17) $100</td>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 3 – HL7 Special Topics: Introduction to Electronic Health Record, Advanced – Conformance and Profiles (T11) $100</td>
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**WEDNESDAY**

<table>
<thead>
<tr>
<th>Morning Sessions</th>
<th>Track 1 – Version 2 Core: HL7 Version 2.5/2.6 Control Specialist Certification Exam Review (W12) $100</th>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 1 – Version 2 Core: HL7 Version 2.5/2.6 Control Specialist Certification Exam Review (W12) $100</td>
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<tr>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 1 – Version 2 Core: HL7 Version 2.5/2.6 Control Specialist Certification Exam Review (W12) $100</td>
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**THURSDAY**

<table>
<thead>
<tr>
<th>Morning Sessions</th>
<th>Track 2 – Version 3 Core: Version 3 Message Profiles and Conformance (W15) $100</th>
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<tr>
<td>Afternoon Sessions</td>
<td>Track 3 – HL7 Special Topics: Introduction to Clinical Document Architecture (W17) $100</td>
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**4. 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 (Please make payable to: Health Level Seven, Inc.)
- Credit Card: ☐ Visa ☐ Master Card ☐ American Express ☐ Discover

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At the recent HIMSS meeting in Chicago, I enjoyed walking around the exhibit hall and hearing the words “HL7” frequently included in conversations. At the HL7 Booth, the most frequent questions I was asked were “How do I learn about HL7? Everybody tells me I need to use HL7. How do I learn what to do?” How would you answer that question?

My first suggestion is that they come to an HL7 meeting, attend the First-Time Attendee Orientation, and then select some tutorials that seem of interest. I also suggest that they start out slowly, choosing the introductory tutorials before tackling more complex ones. While I think that is the correct advice, I also began wondering how long it would take them to come up to speed. How would they learn enough to select the correct tutorials? We now have the online HL7 eLearning Orientation Course, which I think is excellent. But, even so, this pathway would likely take a year to really get into HL7. Furthermore, how many people would a small company need to send to a meeting in order to understand HL7 standards enough to build HL7’s standards into their product?

For that matter, we could raise the same question about any of the HL7 affiliates. How many attendees from a single country are necessary to truly engage in HL7? Many of the larger countries typically have between 10 and 15 attendees. Smaller countries may have only one attendee. Obviously, to engage and influence a particular standard or a particular domain requires physical presence. How important is it to be at an HL7 Working Group Meeting from the perspective of learning and being aware of what is happening, of being able to influence an outcome, or of providing leadership? The obvious answer is that it is necessary to be present.

Understanding the importance of consistent attendance at HL7 Working Group Meetings is becoming increasingly necessary. As an international organization, HL7 needs input from the international community to ensure that our standards can be both global and meet the requirements of a particular country. The HL7 Board currently supports a policy that one HL7 Working Group Meeting will be held outside the United States each year. Those meetings are smaller in attendance, which has a financial impact on HL7. However, more importantly, 15 work groups did not meet in Kyoto. The following HL7 Work Groups will conduct co-chair elections at this Working Group Meeting:

- Arden Syntax
electing two co-chairs
- Clinical Context Object Workgroup
electing two co-chairs
- Clinical Decision Support
electing two co-chairs
- Education
electing two co-chairs
- Emergency Care
electing two co-chairs
- Government Projects
electing two co-chairs
- Imaging Integration
electing one co-chair
- Implementation/Conformance
electing two co-chairs
- Implementation Technology Specification
electing one co-chair
- Infrastructure & Messaging
electing two co-chairs
- Modeling & Methodology
electing two co-chairs
- Patient Care
electing one co-chair
- Pharmacy
electing two co-chairs
- Project Services
electing one co-chair
- Public Health Emergency Response
electing one co-chair
- Publishing
electing two co-chairs
- Structured Documents
electing two co-chairs
- Vocabulary
electing one co-chair

For that matter, we could raise the same question about any of the HL7 affiliates. How many attendees from a single country are necessary to truly engage in HL7? Many of the larger countries typically have between 10 and 15 attendees. Smaller countries may have only one attendee. Obviously, to engage and influence a particular standard or a particular domain requires physical presence. How important is it to be at an HL7 Working Group Meeting from the perspective of learning and being aware of what is happening, of being able to influence an outcome, or of providing leadership? The obvious answer is that it is necessary to be present.

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Concepts of virtual meetings are being discussed and even been tried in other groups. Second Life is one tool that has been effectively used for this purpose. It is possible to have a combination of both face-to-face and virtual meetings at the same time. I am interested in perhaps trying an experiment, using Second Life, for a meeting with one or more work groups. Anyone interested?

W. Ed Hammond, PhD
Chairman of the Board, Health Level Seven, Inc.
With seven professional sports teams, more than 200 entertainment and cultural attractions and thousands of restaurants, Atlanta can be best described as exciting, entertaining and enjoyable. Atlanta is much more than a meeting destination. The city has developed into the entertainment and cultural center of the South with more than 17 million visitors arriving each year to experience the abundance of attractions and culture.

Atlanta is Exciting
With world-class sporting venues and world-class sporting teams, it’s with good reason that Atlanta has earned the title of “Sports Capital of the World.” Whether you’re seeking the finest in collegiate, amateur or professional athletics, Atlanta can entertain and excite any fan any time of the year.

Atlanta is one of a few cities to feature professional sports teams in all four major sports, including the 1995 MLB World Series Champion Atlanta Braves, the NFL Atlanta Falcons, the NHL Atlanta Thrashers, and the NBA Atlanta Hawks.

Atlanta is Entertaining
World-class restaurants, festive nightlife and an abundance of cultural attractions and events help make Atlanta the center for entertainment in the South. Atlanta’s diverse restaurants feature cuisine from around the globe prepared by world-renowned chefs and served in an endless array of ambience and décor.

Culture is prominent in Atlanta. The city is home to impressive museums, including the High Museum of Art, SciTrek – the science and technology museum, and the Fernbank Museum of Natural History. Atlanta is also home to many performing arts theaters.

Atlanta is Enjoyable
To thoroughly enjoy Atlanta’s present, all one has to do is experience the city’s past. Atlanta’s historical attractions, such as the Atlanta History Center, Atlanta Cyclorama, the Dr. Martin Luther King, Jr., National Historic Site, Georgia’s Stone Mountain Park, and the Margaret Mitchell House & Museum, promise a day filled with education and entertainment.

Finally, Atlanta is blessed with a mild climate and with southern hospitality that is plentiful throughout the city.