

Standards Collaborative Education Summit

Toronto · Ontario · April 10 to April 11, 2008

On behalf of Infoway's Standards Collaborative, it gives us great pleasure to invite you to attend the Standards Collaborative Education Summit to be held in Toronto, Ontario, April 10-11, 2008.

The principal objective of this summit is to provide a pan-Canadian education event with intensive curriculum that will advance the technical understanding of HL7 Versions 2 and 3, as well as SNOMED CT® and LOINC® standards, tools and processes crucial to the standards-based implementations.



The Education Summit is an invaluable opportunity for health informaticians, administrators, developers and implementers across Canada to access a premiere education opportunity delivered by domestic and international experts.

The benefits of attending the SC Education Summit are numerous. Faculty for the summit will include domestic and international experts who are leaders in their field, and have a true understanding of the unique needs of the Canadian healthcare system.

This Education Summit is an outstanding way to ensure that you and your team receive the best training that Standards Collaborative has to offer, with a program that will ground you in the fundamentals that you can apply to your projects immediately.

We look forward to seeing you there!

Education Summit Program - Day 1

THURSDAY, APRIL 10, 2008

7:30 – 8:30 A.M.	BREAKFAST & REGISTRATION
10:00 – 10:15 A.M.	MORNING BREAK
12:00 - 1:00 P.M.	LUNCH
3:00 – 3:15 P.M.	AFTERNOON BREAK

8:30 – 4:30 P.M.

HL7 VERSION 2 – INTRODUCTION

PREREQUISITES: NONE

This tutorial will be of benefit to HL7 Standard Implementers, Interface Specialists, Healthcare I.T. Project Managers and anyone new to HL7 Standards.

The tutorial focuses on the implementation of the HL7 v2.x Messaging Standard (focusing on HL7 v2.5 Chapters 1 through 4) by providing an overview of *Control*, *ADT*, *Order Entry*, and *Observation Reporting*. The tutorial will also touch on Master Files and Scheduling messages. The tutorial familiarizes students with major concepts and provides sampling of the type of information that can be communicated using these messages.

Upon completion, students will have learned:

- The important components of an HL7 message;
- How an HL7 message is constructed;
- HL7 terminologies and “lingo”; and
- Novice to Intermediate level foundational understanding of: ADT, Orders, Observations, Master Files and Scheduling messages.

8:30 – 4:30 P.M.

HL7 VERSION 3 – INTRODUCTION

PREREQUISITE: GENERAL UNDERSTANDING OF UML MODELING.

This tutorial introduces Version 3 messaging and the terminology necessary to understand it. Specifically, it provides:

- The rationale and development of HL7 Version 3 (e.g. RIM, methodology);
- A walk-through of the current Version 3 ballot;
- Key elements of the HL7 Version 3 standard, methodology and models; and
- An overview of how messages will be sent and acknowledged

In more detail, this tutorial describes the application roles played by interfaced systems, the events communicated, and the fundamental information contained in the messages. This tutorial will benefit anyone interested in Version 3 interface implementation and those interested in balloting and developing the Version 3 Standard.

Upon completion, students will have learned:

- Know how to navigate the HL7 v3 ballot
- Understand some of the major concepts of HL7 Version 3
- Gain sufficient confidence in basic HL7 Version 3 concepts to attend the HL7 Standards Development Tooling – Intermediate tutorial

8:30 – 4:30 P.M.

SNOMED CT TERMINOLOGY – INTRODUCTION (I)

This 1 ½ day introductory level course is designed to meet the needs of health care systems developers, software analysts, programmers and clinical staff who implement SNOMED CT and who need to build applications around the SNOMED CT data battles. The course covers the basic elements of SNOMED CT (Concepts, Descriptions, Hierarchies and Relationships) which form the basis for the SNOMED CT Terminology Model.

The structure of the SNOMED CT distribution tables which includes information on how to load and use the tables will be reviewed, along with information on the Subset and History mechanisms. Cross mappings to other terminologies and classification systems, as well as strategies for data collection and data retrieval will also be covered.

8:30 – 4:30 P.M.

SNOMED CT TERMINOLOGY – ADVANCED

PREREQUISITE: A GENERAL UNDERSTANDING OF THE BASIC ELEMENTS OF SNOMED CT TERMINOLOGY MODEL.

This one day, advanced level course is designed to expand the users' prior knowledge of SNOMED CT. The course builds on previous SNOMED educational offerings and covers the use of the context model for SNOMED expressions and SNOMED CT interactions with information models. Topics such as compositional grammar pre- and post-coordination and semantic interoperability will be discussed. SNOMED interactions within the HL7 RIM (Reference Information Model) and effective information retrieval will also be covered. Those interested in the technical aspects of storage, exchange or retrieval of clinical data will find this tutorial most informative.

8:30 – 4:30 P.M.

HL7 VERSION 2.5 CERTIFICATION TUTORIAL

This tutorial reviews the message definition and processing rules and data type definitions of the Control chapters of the HL7 Version 2.5 Standard.

Upon completion of this tutorial, students will be better prepared to take the HL7 Version 2.5 Certification Exam. Note that students are also expected to prepare for the exam by previous study of Chapter 2 (Control) and Chapter 2A (Data Types) of the HL7 Version 2.5 Standard.

This Tutorial Will Benefit:

- Anyone preparing for the HL7 Control Specialist Certification Exam
- Interface analyst specialists and managers who need to understand the technical aspects of hl7 interfaces

8:30 – 4:30 P.M.

HL7 VERSION 3 RIM (REFERENCE INFORMATION MODEL) CERTIFICATION TUTORIAL

This tutorial reviews the Reference Information Model of the HL7 Version 3 Standard. The RIM is the basis of the information modelling approach to the Version 3 Standard, and provides for the collection of classes, associations and other forms required to define information exchange in the healthcare context.

Upon completion of this tutorial, students will be better prepared to take the HL7 Version 3 RIM Certification Exam. Note that students are also expected to prepare for the exam by previous study of the HL7 Version 3 standard.

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 interfaces

Education Summit Program - Day 2

FRIDAY, APRIL 11, 2008

7:30 – 8:30 A.M.	BREAKFAST & REGISTRATION
10:00 – 10:15 A.M.	MORNING BREAK
12:00 - 1:00 P.M.	LUNCH
3:00 – 3:15 P.M.	AFTERNOON BREAK

8:30 – 12:00 P.M.

SNOMED CT TERMINOLOGY – INTRODUCTION (II)

This 1 ½ day introductory level course is designed to meet the needs of health care systems developers, software analysts, programmes and clinical staff who implement SNOMED CT and who need to build applications around the SNOMED CT data battles. The course covers the basic elements of SNOMED CT (Concepts, Descriptions, Hierarchies and Relationships) which form the basis for the SNOMED CT Terminology Model.

The structure of the SNOMED CT distribution tables which includes information on how to load and use the tables will be reviewed, along with information on the Subset and History mechanisms. Cross mappings to other terminologies and classification systems, as well as strategies for data collection and data retrieval will also be covered.

8:30 – 4:30 P.M.

HL7 VERSION 3 – ADVANCED

PREREQUISITE: HL7 V3 INTRODUCTION TUTORIAL OR EQUIVALENT FAMILIARITY.

This one-day advanced course will demonstrate the use of available v3 tools to explore and understand existing v3 specifications. This will include an explanation of the use of new Eclipse-based tools for instance editing and validation.

Specifications to be reviewed include CeRx, Client and Provider Registries and NeCST. Part of the tutorial will be devoted to a Q&A session around HL7 modeling issues related to these specifications.

This tutorial will be of benefit to those who have an interest in the HL7 v3 aspects of any of the pan-Canadian messaging specifications. The tutorial should be of particular interest to implementers, even those who will not be implementing these specific specifications.

Upon completion, students will have learned:

- Be able to identify the key classes within the NeCST, Registry and CeRx message models and explain the rationale for their RIM representation.
- Be able to use HL7 tools to help navigate and interpret HL7 v3 specifications.
- Understand how to use the new Eclipse v3 instance generation, editing and validation tool.

8:30 – 4:30 P.M.

LOINC – INTRODUCTION

PREREQUISITE: NONE

This tutorial introduces participants to the LOINC (Logical Observations Identifiers Names and Codes) standard. The tutorial will provide:

- Basic terminology overview and how terminology is used in HL7 V3 messages
- an overview of the origin and development of LOINC,
- an in-depth discussion on the details of LOINC,
- identification and definition of LOINC's various roles in Canadian health information transactions, including
 - how LOINC works with other health information standards
 - the structure of the pan-Canadian Laboratory Observation Code Database (pCLOCD)
 - mapping considerations,
 - maintenance of terminology and specifically the pCLOCD, and
 - challenges and lessons learned to overcome them.

This tutorial will also consider LOINC implementations including mapping and maintenance, and will therefore be of benefit to those interested in the creation and exchange of health information in the laboratory as well as other clinical settings.

Upon completion, participants will have:

- received a basic introduction to the LOINC standard,
- understand its current and intended implementation within pan-Canadian standards applications, and understand how LOINC will be supported by the Standards Collaborative.

9:00 – 11:00 A.M.

HL7 V2.5 & V3 RIM CERTIFICATION EXAMS

The Standards Collaborative is pleased to offer certification testing on HL7 Version 2.5 and Version 3 Reference Information Model.

HL7 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 HL7 Version 2.5 certification exam is based on Chapter 2 and 2a of the HL7 Version 2.5 Standard. The knowledge required to pass the exams can be obtained by participation in the HL7 working group meetings, by attending SC or HL7 Education Summits or related sessions, by field work dealing with the HL7 standards, or simply by self-study of Chapter 2 and 2A of the HL7 Version 2.5 Standard and the RIM of HL7 Version 3.

The HL7 Version 3 RIM Certification exam is based on the Reference Information Model (RIM) model 2.11 (the version of the RIM on V3 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 Reference Information Model (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 education sessions, and field work implementing HL7 Version 3 artifacts.

Registration Information

REGISTER BEFORE MARCH 18, 2008 AND TAKE ADVANTAGE OF THE REGISTRATION SAVINGS!

Standards Collaborative Education Summit	By March 18	After March 18
SC Member		
Full Education Summit	\$650	\$750
* One Day ONLY	\$350	\$450
Non- SC Member		
Full Education Summit	\$800	\$900
*One Day ONLY	\$450	\$550
Student		
Full Education Summit	\$250	\$250
*One Day ONLY	\$150	\$150

* REGISTRATION ALLOWS FOR THE SELECTION OF WHICH EDUCATION SUMMIT DAY YOU WOULD LIKE TO ATTEND

HL7 v2.5 and v3 Certification Exams	
SC Member	\$130
Non SC Member	\$180

REFUNDS AND CANCELLATION:

Advance registrations received with payment by March 18, 2008 will be given the early registration discount. Registrations after that date will be charged the standard rate. Canada Health Infoway reserves the right to cancel sessions should a minimum registration number not be attained. Substitutions for event days will be accepted at any time. Refunds will be issued upon request, less a \$100 administration fee (plus applicable GST), if notification is received in writing by March 18, 2008. No refunds will be made after this date.

Questions, please contact us at standards@infoway-inforoute.ca

Hotel Information

ALL TUTORIALS AND EXAMS WILL BE HELD AT THE TORONTO MARRIOTT DOWNTOWN EATON CENTRE HOTEL.

TORONTO MARRIOTT DOWNTOWN EATON CENTRE HOTEL

525 Bay Street, Toronto, Ontario, Canada M5G 2L2

Hotel reservations are now being accepted. Make your reservation today and take advantage of the special conference rate. These rates are available only until March 14, 2008. (Rooms begin at \$180 per night plus applicable taxes)

Reservations can be made from one of two easy options:

Online Reservations On-line reservations can be made using the promotional code **chichia** at the following link:

<http://marriott.com/yyzec?groupCode=chichia&app=resvlink>

Telephone reservations Phone 1-800-905-0667 and reference that you are part of the "**Canada Health Info**" group when booking your reservation.

Contact Us

FOR MORE INFORMATION ON THE CONFERENCE, PLEASE CONTACT:

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