

FIND IT, REUSE IT, TRACK IT: USING SCORM TO MAXIMIZE USE AND DECREASE COSTS OF HEALTHCARE E-LEARNING CONTENT

Valerie Smothers, Johns Hopkins University School of Medicine, Baltimore, Maryland

ABSTRACT

Many healthcare educators are interested in developing e-learning content for their organization in a cost-effective and efficient manner. This half-day tutorial workshop will include lecture, demonstration, and interactive non-computer exercises to introduce participants to the use of the SCORM model for online learning within healthcare education. Topics include what SCORM is, why it's important, when to use it, customizations for healthcare developed by MedBiquitous (a standards development organization for healthcare education technologies http://www.medbiq.org/http://meld.medbiq.org/primers/SCORM_primer_cohen.htm), and what's required to implement SCORM. Participants will take a detailed look at SCORM conformant content, apply strategies for breaking content in learning objects, or SCOs, and apply strategies for sequencing learners through course content.

STATEMENT OF OBJECTIVES

By the end of this tutorial, participants will be able to:

- Define SCORM and describe its relevance to healthcare education
- Identify the learning contexts for which SCORM is appropriate
- Describe the technical requirements for implementing SCORM and the broader implications of those requirements
- Describe healthcare customizations relevant to SCORM developed by MedBiquitous and the benefits of those customizations
- Apply knowledge of SCORM tracking and delivery to determine appropriate granularity for SCOs based on instructional and assessment needs
- Apply knowledge of SCORM content sequencing to determine appropriate sequencing strategies for SCOs

STATEMENT OF BENEFITS

This workshop introduces participants to SCORM and e-learning standards, explaining where these technologies are best applied and the benefits of their use. For those considering the creation of an organization-wide e-learning strategy, it provides key information on how standards can be used to facilitate content creation and reuse across the organization and how they can be used to work with and leverage shared collections of learning content, such as HEAL.

Take home tools include guidelines for selecting a learning management system and a Word template to facilitate SCO creation. Sample SCORM content will be made available through the Web to serve as an exemplar and template for future content development.

INTENDED AUDIENCE

Healthcare educators, educational technology specialists, and content developers.

PREREQUISITE SKILLS REQUIRED

None.

NUMBER OF ATTENDEES THAT CAN BE ACCOMMODATED 40

Instructor Qualifications: Valerie Smothers, MA, is the Director of Communications for the MedBiquitous Consortium, an ANSI-accredited standards development organization for healthcare education and competence assessment. Ms. Smothers has provided staff support to the MedBiquitous Education Working Group, facilitating their development of the Healthcare Learning Object Metadata and the Medical Education Metrics draft standards. Prior to working with MedBiquitous, Ms. Smothers worked as an instructional designer specializing in Distance Learning and Web-based training design, creating courses for MCI and the IRS among others. valerie.smothers@medbiq.org
<http://www.medbiq.org/>><http://www.medbiq.org>