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Healthcare technology management (HTM) educational programs

AAMI
Advancing Safety in Health Technology

Healthcare technology management (HTM) educational programs

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Abstract: This document provides a recommended framework for new or established educational opportunities for future HTM professionals. It addresses normative definitions, learner evaluation, learning topics, instructor qualifications, facilities, instructional best practices, workplace training, learning venue support, and stakeholder relations.

Keywords: HTM, healthcare technology management, education, educational program

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Association for the Advancement of Medical Instrumentation

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This AAMI American National Standard (ANS) was developed and approved by the AAMI HTM Education Programs Working Group under the auspices of the AAMI Medical Equipment Management Committee. Approval of the standard does not necessarily mean that all working group members voted for its approval.

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Foreword

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— “shall” and “shall not” are used to express requirements;

— “should” and “should not” are used to express recommendations;

— “may” and “may not” are used to express permission;

— “can” and “cannot” are used as statements of possibility or capability;

— “might” and “might not” are used to express possibility;

— “must” is used for external constraints or obligations defined outside the document; “must” is not an alternative for “shall”.

Suggestions for improving this document are invited. Comments and suggested revisions should be sent to Standards, AAMI, 901 N. Glebe Road, Suite 300, Arlington, VA 22203 or standards@aami.org.

Introduction

Relatively few Healthcare Technology Management (HTM)-related educational opportunities currently exist that are well-aligned with the needs of today's healthcare environment, and the competencies HTM professionals need to be effective members of the healthcare team. This shortage includes not only traditional academic programs, but also non-traditional training and educational opportunities such as workplace training and apprenticeships.

This standard is intended to be applied to all HTM educational focused programs. These programs will use this standard to address the basic needs of any entry-level HTM technician. It is intended that all programs, regardless of rigor, will incorporate a knowledgeable advisory committee to represent the potential employers needs and broadly represent the HTM industry.

Healthcare technology management (HTM) educational programs

1 Scope

This document provides a recommended framework for new or established educational opportunities for future HTM professionals. It addresses:

- Normative definitions;
- Learner evaluation;
- Learning topics;
- Instructor qualifications;
- Facilities;
- Instructional best practices;
- Workplace training;
- Learning venue support;
- Stakeholder Relations.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ANSI/AAMI EQ56, ANSI/AAMI EQ89, ANSI/AAMI EQ93 and the following apply.

3.1
apprenticeship
system for preparing learners via on-the-job training which may involve an apprenticeship accompanying study on the part of the learner

3.2
clinical site
location at which healthcare services are rendered

Note 1 to entry: For example, a hospital or surgery center

3.3
co-op
structured program that combines classroom-based education with practical work experience that can feature several alternating periods of work and study that may be paid or unpaid

3.4
computing resources
hardware, software and other IT-related items

Note 1 to entry: This includes but is not limited to, personal computers, servers, networks, data sets, printers, Internet and Intranet access, video capability, software and other related items.