A1 Information Management
Unit: CHIA1 Information Technology
Duration: 1:04:00

Digital Health
C A N A D A

Unit Objectives

By the end of this unit, learners will be able to:

- A1.1 Advance the management of information as a key strategic resource
- A1.2 Demonstrate an understanding of the key attributes of data and information (e.g., quality, integrity, appropriateness) and their limitations within the context of intended uses
- A1.3 Determine appropriate data sources and gaps in data sources in relation to identified business needs across the healthcare system
- A1.4 Demonstrate an understanding of the data interrelationships and dependencies among the various health information systems (e.g., decision support systems, electronic health records, order entry, registries, etc.)
- A1.5 Demonstrate an understanding of the implications of ethical, legislative, and regulatory requirements related to the management of health information
- A1.6 Apply accepted policies, principles and guidelines for the management of health information (e.g., Digital Health Canada Guidelines and Canadian Health Information Management Association practices, business intelligence, data security, etc.)
- A1.7 Demonstrate an understanding of relevant health information standards and their appropriate use (e.g., classifications, nomenclature, interoperability, standards, messaging, terminology, etc.)

- A1.8 Integrate data quality principles and methodologies into the identification, use and management of information sources (people and systems)
- A1.9 Demonstrate an understanding of system integration and clinical workflow among health information systems (e.g., decision support systems, electronic health records, order entry, registries, etc.)
- A1.10 Demonstrate an understanding of the principles of good information governance
- A1.11 Demonstrate an understanding of privacy, security and confidentiality concepts and the role they play in building and maintaining trust in the system to protect personal health information
- A1.12 Demonstrate an understanding of existing privacy frameworks and how to apply them to projects (e.g., strengths and weaknesses of these frameworks)
- A1.13 Demonstrate the ability to identify the types of roles in the Information Management domain (CIO, CTO, CNO, CPO, etc.)

Supplemental Resource

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Digital Health in Canada