

A2 Technology Ecosystem

Unit: CHIA2 Information Technology

Duration: 2:20:00



Unit Objectives

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

- A2.1 Demonstrate an understanding of key information technology concepts and components (e.g., networks, storage devices, operating systems, information retrieval, data warehousing, applications, firewalls, etc.)
- A2.2 Engage relevant stakeholders at the appropriate stages of the system life cycle
- A2.3 Address information, business, and technical requirements to meet the full range of stakeholders' information needs
- A2.4 Contribute to the selection and utilization of appropriate information technologies to meet business requirements
- A2.5 Apply appropriate health informatics standards and enterprise models to enable system interoperability (e.g., terminology, data structure, system to system communication, privacy, security, safety, governance)
- A2.6 Apply knowledge of health data, information and workflow models to information technology solutions
- A2.7 Apply information technology best practices (e.g., quality management systems, testing, service level agreements, business continuity and incident management) throughout the system life cycle
- A2.8 Apply best practices and solutions required to manage the security of data, systems, devices and networks (e.g., COACH Guidelines for the Protection of Health Information)
- A2.9 Demonstrate an understanding of emerging technologies and their impact on healthcare including addressing the interoperability challenges to sharing health data among systems and providers
- A2.10 Promote the safe and appropriate use of health information technologies to ensure patient safety

Supplemental Resource

