CompTIA Healthcare IT Technician

Course Summary

Description

In this course, students will identify essential healthcare and IT concepts and terminology and how to integrate the two realms of practice.

Objectives
At the end of this course, students will be able to:

- Define and describe concepts and terminology that are fundamental to your understanding of the use of IT in a healthcare environment.
- Describe the medical environment including its organization, stakeholders, and the most significant technologies.
- Leverage core medical concepts to describe the use of IT in the medical workplace.
- Describe the essential elements of computing including hardware, software, networking, and change control.
- Provide IT support and solve IT problems in the medical workplace.
- Integrate security best practices into your daily healthcare IT workflow.

Topics

- Healthcare IT Fundamentals
- The Medical Environment
- Using IT in the Medical Workplace
- Healthcare IT Technical Components
- Providing Medical IT Support
- Security

Audience

The typical student for this course is an experienced IT professional in a role such as desktop support technician, network administrator, systems administrator, or database administrator, who is looking for opportunities within the healthcare industry or may already be working within the healthcare industry. Such students want to prove through certification that they have the knowledge and skills required to implement, deploy, and support healthcare IT systems.

Prerequisites

While there are no strict prerequisites, CompTIA intends the Healthcare IT Technician certificate to serve as an add-on to the CompTIA A+ certification.

Duration

Three days

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Course Outline

I. Healthcare IT Fundamentals
- A. Core Concepts in Healthcare IT
- B. EMR/EHR Issues
- C. Stakeholders, Regulations, and Standards
- D. HIPAA Controls and Compliance

II. The Medical Environment
- A. Healthcare Organizations
- B. Medical Terminology, Equipment, and Software
- C. Medical Coding and Billing
- D. Medical Computer Interfaces

III. Using IT in the Medical Workplace
- A. Roles and Responsibilities
- B. Manage Communication and Ethics Issues
- C. Legal Best Practices, Requirements, and Documentation
- D. Medical Document Imaging
- E. Sanitation Management

IV. Healthcare IT Technical Components
- A. Computing Essentials
- B. Networking
- C. Manage Servers and Software
- D. Hardware Support

V. Providing Medical IT Support
- A. Set Up a Workstation
- B. Troubleshoot Basic IT Issues
- C. Troubleshoot Medical IT Issues
- D. Implementation of an EMR/EHR System
- E. Change Control

VI. Security

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