

uCertify

# Course Outline

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Pearson: CompTIA Healthcare  
IT Technician HIT-001



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Here's what you get

### 1. **Course Objective**

Gain hands-on expertise in CompTIA Healthcare IT Technician (HIT) certification exam by Pearson HIT-001 performance based labs. Performance based labs simulate real-world, hardware, software & command line interface environments and can be mapped to any text-book, course & training. CompTIA Healthcare IT Technician certification is a vendor and technology-neutral credential designed for IT professionals to implement, deploy, and support healthcare IT systems in various clinical settings.

### 2. **Expert Instructor-Led Training**

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

### 3. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

### 4. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

### 5. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 3 years:

- 2014

1. Best Postsecondary Learning Solution
- **2015**
    1. Best Education Solution
    2. Best Virtual Learning Solution
    3. Best Student Assessment Solution
    4. Best Postsecondary Learning Solution
    5. Best Career and Workforce Readiness Solution
    6. Best Instructional Solution in Other Curriculum Areas
    7. Best Corporate Learning/Workforce Development Solution
  - **2016**
    1. Best Virtual Learning Solution
    2. Best Education Cloud-based Solution
    3. Best College and Career Readiness Solution
    4. Best Corporate / Workforce Learning Solution
    5. Best Postsecondary Learning Content Solution
    6. Best Postsecondary LMS or Learning Platform
    7. Best Learning Relationship Management Solution
  - **2017**
    1. Best Overall Education Solution
    2. Best Student Assessment Solution
    3. Best Corporate/Workforce Learning Solution
    4. Best Higher Education LMS or Learning Platform

## 6. Performance Based Labs

uCertify's performance-based labs are simulators that provides virtual environment. Labs deliver hands on experience with minimal risk and thus replace expensive physical labs. uCertify Labs are cloud-based, device-enabled and can be easily integrated with an LMS. Features of uCertify labs:

- Provide hands-on experience in a safe, online environment
- Labs simulate real world, hardware, software & CLI environment
- Flexible and inexpensive alternative to physical Labs
- Comes with well-organized component library for every task
- Highly interactive - learn by doing
- Explanations and remediation available
- Videos on how to perform

## Lab Tasks

- Identifying acute care facilities
- Understanding acuity level index
- Understanding standard departments of hospitals
- Understanding HIS
- Understanding types of HL7 messages
- Understanding functions of an interface engine
- Identifying primary functions of HIS
- Identifying the real-time transfer of data
- Identifying the steps for the EDIS ADT data flow
- Identifying steps in the pharmacy IS
- Identifying steps to follow the EDIS data flow
- Understanding healthcare clearinghouse
- Understanding HIPAA rules
- Understanding penalties defined by the ARRA
- Understanding types of health information
- Understanding BBA
- Configuring the UPS
- Placing a printer in the hospital
- Understanding communication methods
- Identifying PBX system layers
- Understanding VoIP

- Understanding organizational structure of a hospital
- Understanding anesthesiologist
- Spotting the intranet network
- Identifying T-carrier line transmission speeds
- Identifying connectionless communication
- Describing OSI layers
- Identifying OSI layer functions
- Identifying TCP/IP layers
- Identifying TCP/IP protocol layers
- Identifying client and server
- Identifying application layer protocols
- Connecting a workstation to the LAN and configuring IPv4 properties
- Identifying 802.11 standards
- Installation of the Print and Document Services Role
- Identifying the cable
- Understanding common TCP/ IP port assignments
- Implementing virtualization
- Understanding programming languages
- Understanding services of cloud computing
- Identifying Internet protocols and their standards
- Connecting a system to a wireless network
- Configuring a wireless access point
- Connecting systems to the Internet through a router
- Identifying encryption methods
- Connecting a wireless router to the laptop
- Connecting patch cables between the patch panel and switch ports
- Configuring a Local Area Connection's TCP/IP Version 4 properties
- Displaying the TCP/ IP network configuration values
- Assigning a new IP address
- Pinging a URL and identifying network communication
- Displaying the path to reach a target host
- Understanding types of power outlets
- Setting up a surge protected computer system
- Replacing the battery of a smartphone and inserting a memory card







- Understanding types of communication standards
- Understanding trauma center levels and qualifications
- Understanding controlled substance schedules or classifications
- Naming inpatient departments in the hospital
- Understanding environments or versions of IS
- Identifying social engineering attacks
- Describing malicious threats to networks
- Understanding permission levels
- Understanding the key fob
- Encrypting and decrypting a message
- Encrypting and decrypting a message using the RSA algorithm
- Identifying encryption types
- Identifying VPN protocols
- Identifying VPN protocols
- Identifying types of encryption standards
- Establishing a remote desktop connection

## Here's what you get

**71**  
PERFORMANCE BASED  
LAB

**18**  
VIDEO TUTORIALS

**20**  
MINUTES

**Have Any Query? We Are Happy To Help!**

**GET IN TOUCH:**

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