Infomation Technology Essentials
COMP106

Instructor :

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Chapter 0
Course Outlines,
Objectives

Course Rationale

♦ The course will build on your existing user-level knowledge and experience with personal computer software and hardware to present fundamental skills and concepts that you will use on the job.

♦ In this course, you will acquire the essential skills and information you will need to install, upgrade, repair, configure, troubleshoot, optimize, and perform preventative maintenance of basic personal computer hardware and operating systems.

CompTIA A+ Certification - Exit Profile

◆ This course will:

- ◆ Help acquires the essential skills and information needed to install, upgrade, repair, configure, troubleshoot, optimize, and perform preventative maintenance of basic personal computer hardware and operating systems.

- ◆ Assist you in preparing to take the CompTIA A+ certification examinations.

Course Objectives

- After completing this course, you will be able to:
  - Identify the components of standard desktop personal computers.
  - Identify fundamental components and functions of personal computer operating systems.
  - Identify best practices followed by professional personal computer technicians.
  - Install and configure computer components.
  - Install and configure system components.
  - Maintain and troubleshoot peripheral components.
  - Troubleshoot system components.
  - Install and configure operating systems.
  - Maintain and troubleshoot installations of Microsoft Windows.

Course Objectives (Contd.)

- Identify network technologies.
- Install and manage network connections.
- Support laptops and portable computing devices.
- Support printers and scanners.
- Identify personal computer security concepts.
- Support personal computer security.

Textbook
1. Ralph M. Stair and George W. Reynolds (2012). Fundamentals of Information Systems. 6th ed, Course Technology, Cengage Learning. (Part 2: chap 2-4) 2. Ralph M. Stair and George W. Reynolds (2012). Principles of Information Systems. 10th ed, Course Technology, Cengage Learning. (Part 2: chap 3-7)
References
"CompTIA® A+® Complete Study Guide: Exam 220-1001 and Exam 220-1002, Fourth Edition", Quentin Docter & Jon Buhagiar, First published:16 April 2019, Print ISBN:9781119515937 |Online ISBN:9781119553588 |DOI:10.1002/9781119553588, © 2019 John Wiley & Sons, Inc.