



C)ITP: Certified Information Technology Principles

Course ID #: 7000-852-ZZ-Z

Hours: 40

Course Content

Course Description:

In this course, you will cover the essential technology competencies and foundational IT skills to help improve students' job performance. Students will learn competencies such as how to utilize a computer, its hardware, database, and network. In addition, introductory computer security concepts are taught, such as access controls and best practices. The curriculum is an excellent foundational program that can be included in academic two-year/four-year degree programs.

Course Objectives:

Upon successful completion of this course, students will be able to:

- Competently take the C)ITP exams
- Understand basic IT principles to provide individuals with the fundamentals of computer and network security concepts

Prerequisites:

None.

Target Audience:

- Everyone
- Employees
- IT Starters
- Career Changers
- Secondary Students
- Post-secondary Students

Topics:

Lesson 1: Utilizing Computers

- Widely used computing devices
- Utilizing a workstation
- Utilizing an operating system (OS)
- Operating system administration
- Troubleshooting and supporting

Lesson 2: Utilizing Databases and Applications

- Utilizing applications
- Utilizing databases
- Utilizing data types and units
- Application development and programming
- Utilizing databases and applications



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Lesson 3: Utilizing Computer Hardware

- Components of the system
- Utilizing device interfaces
- Utilizing peripheral devices
- Utilizing storage devices
- Utilizing file systems
- Utilizing computer hardware

Lesson 4: Utilizing Networks

- Concepts of the network
- Connecting to a network
- Utilizing mobile devices
- Utilizing shared storage
- Secure web browsing
- Utilizing networks

Lesson 5: Introduction to Security Concepts

- Concerns about security
- Behavioral security concepts
- Managing access controls
- Security best practices
- Managing security

Accreditations:



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www.tcworkshop.com or calling us at 800-639-3535