

CompTIA IT Fundamentals



Online Course

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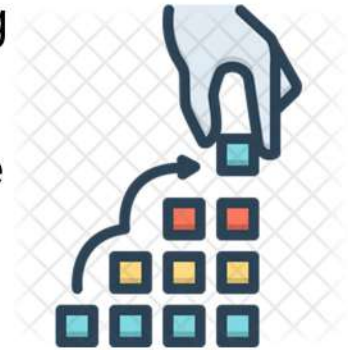


Course Modules



1. IT Concepts and Terminology

- Compare and contrast notational systems
- Compare fundamental data types & their characteristics
- Illustrate the basics of computing and processing
- Explain the value of data and information
- Compare and contrast common units of measure
- Explain the troubleshooting methodology



2. Infrastructure

- Classify common types of input/output device interfaces
- Given a scenario, set up and install common peripheral devices
- Purpose of common internal computing components
- Compare and contrast common Internet service types
- Compare and contrast storage types
- Explain basic networking concepts
- Scenario, install, configure, and secure a basic wireless network

3. Applications and Software

- Explain the purpose of operating systems
- Compare and contrast components of an operating system
- Explain the purpose and proper use of software
- Methods of application architecture and delivery models
- Given a scenario, configure and use web browsers
- Compare and contrast general application concepts and uses



4. Software Development

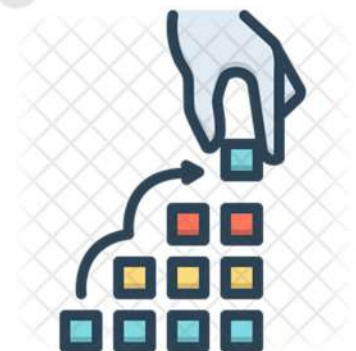
- Compare and contrast programming language categories
- Scenario, use program organization techniques & interpret logic
- Explain the purpose and use of programming concepts

5. Database Fundamentals

- Explain database concepts and the purpose of a database
- Compare and contrast various database structures
- Summarize methods used to interface with databases

6. Security

- Summarize confidentiality, integrity, and availability concerns
- Explain methods to secure devices and best practices
- Summarize behavioral security concepts
- Compare authentication, authorization, accounting, etc.,
- Explain password best practices
- Explain common uses of encryption
- Explain business continuity concepts





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REMOTELY!!**

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in terms of time management,
flexibility, and the ability
to access resources anytime,
anywhere can be compelling.



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