Computer Information Systems

IT Fundamentals Pro

CompTIA IT Fundamentals+

Course Overview

The foundational knowledge that students acquire is necessary for careers in rapidly growing industries such as cybersecurity, data science, programming, networking, and more. In addition, highly valuable for anyone who will be using computers in a professional environment.
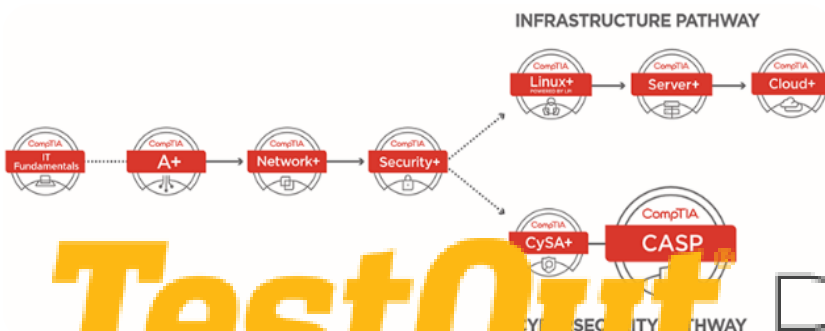
Learning Objectives

- Install and upgrade components
- Install storage media into a computer
- Use Windows Device Manager to update drivers
- Connect to, configure, and use a secure wireless network

Student Experience

- Able to install and upgrade computer hardware, operating systems, and applications
- Capable of supporting a community of computer users
- Have configured network settings on PCs

Course Details

- 11 Units
- 105 Lab Simulations
- 15 Hands-on labs
- Other course materials and projects
- ITF Pro Certification Exam

INFRASTRUCTURE PATHWAY

TestOut Pro Certified

Teacher: **Michael Eno, M.Ed.**
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Students will complete 105 virtual lab simulations, 11 unit exams and pass the **ITF Pro** certification based on the CompTIA IT Fundamentals FC0-U61 learning objectives. Other course materials, hands-on labs, and projects are used in addition to TestOut courseware. Total time **100** hours.

TestOut IT Fundamentals Pro Exam Learning Objectives

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

- Installing SATA devices
- Using Windows and Linux shell commands
- Securing a wireless network
- Using Microsoft Office applications
- Creating and querying a simple database
- Coding with HTML, CSS, and JavaScript

HARDWARE AND NETWORKING

PC Technician ($38,600)	
Network Administrator ($64,332)	
IT Support Tech ($54,919)	

INFORMATION SYSTEMS

Systems Administrator ($64,892)	
Systems Engineer ($77,768)	
Linux Administrator ($63,043)	