MOORE NORMAN
TECHNOLOGY CENTER

CompTIA A+ Essentials and Practical Application
CN122

Hours :   In Class 84   Clinical   Total 84

Description

Are you looking to get a job in the field of Information Technology? The CompTIA® A+® course is the first step in your preparation. This course will build on your existing user-level knowledge and experience with personal computer (PC) software and hardware to give you the fundamental skills and concepts that you will use on the job. In this course, you will learn the essential skills through discussion, demonstration and hands on labs to install, configure, optimize, troubleshoot, repair, upgrade, and perform preventive maintenance on PCs, digital devices, and operating systems.

Tuition includes books and two Test Preps for certification preparation, everything you need to enter the exam confident in your skill set. CN111 Operating and Networking Your Home Computer (CompTIA ITF+) is a strongly suggested prerequisite.

While MNTC provides you with learning resources to prepare for a successful exam experience, certification exams must be scheduled through PearsonVUE. Exam may be taken in our Assessment Center. Certification Exam is not included. Student discounts are as much as 50%.

Prerequisites

CN111 Operating and Networking Your Home Computer (CompTIA ITF+) certification is highly recommended. If you have experience but are not sure how to assess your skill level, please call Rick Spaulding, program coordinator, at (405) 801-5704 to discuss your situation.

Books

CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) Exam Cram	- ISBN: 978-0789760579	(Suggested)
Student Labs (LOD)	- ISBN: APL-102-STLB-2019	(Included)
Student Print Book	- ISBN: APL-10C-SDBK-2019	(Included)

Learning Objectives

1. Identify the hardware components of personal computers and mobile digital devices.
2. Identify the basic components and functions of operating systems.
3. Identify networking and security fundamentals.
4. Identify the operational procedures that should be followed by professional PC technicians.
5. Install, configure, and troubleshoot display devices.
6. Install and configure peripheral components.
7. Manage system components.
8. Manage data storage.
9. Install and configure Microsoft Windows.
10. Optimize and maintain Microsoft Windows.
11. Work with other operating systems.
12. Identify the hardware and software requirements for client environment configurations.
13. Identify network technologies.
14. Install and configure networking capabilities.
15. Support mobile digital devices.
16. Support printers and multifunction devices.
17. Identify security threats, vulnerabilities, and controls.
18. Implement security controls.
19. Troubleshoot system-wide issues.

Teaching Philosophy

We believe that instructors, staff, and administrators have a shared responsibility to provide: 1) innovative course design and instruction; 2) a safe, learner-centered environment; and 3) an authentic learning experience.

Teaching Methods

Methods include lecture, class discussion and demonstrations.

Evaluation Methods

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires 100% attendance and completion of all assigned activities.

Grading Policy

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires successful completion of all assigned work within the established time frame. Types of graded assignments will be projects, review questions, activities, assignments and tests
Grading Policy:
A = 90 - 100%
B = 80 - 89%
C = 70 - 79%
D = 60 - 69%
F = Below 60%
A course grade of D does not qualify the course as a prerequisite to other courses.

Student Responsibilities

To ensure a quality and safe learning environment, students are required to follow the Post-Secondary Student Behavior policy #560. This policy can be found at www.mntc.edu/board-policies. Printed copies are available upon request.

Students are expected to attend class and participate in class discussions and activities, complete out of class assignments and exams in class.

Students must be on time and meet the attendance policy set for this class which is 80% attendance.