COURSE OVERVIEW

INFORMATION SUPPORT AND SERVICES and CISCO NETWORKING

These courses are designed for information technology (IT) professionals who want to earn the CompTIA A+ and Cisco Networking certification. It is assumed that you have a basic understanding of computers and Windows operating systems. However, the A+ and Cisco Networking certifications are entry-level certifications, so you are not expected to have any in-depth knowledge to take complete these courses. To become an A+ or Cisco Networking certified technician, you must take and pass the certification exams. The primary goal of these courses is to help you build a solid foundation of IT knowledge so that you can successfully pass these exams the first time you take them. The rigorous materials covered in these courses is vital for a successful personal computer (PC) technician to understand. This includes PC hardware concepts, Windows operating system technologies, networking basics, and IT security.

Course Curriculum:

   CompTia Certification Course Book (A+ / Cisco Networking)
   Naviance

Course Assessments:

   CompTia Certification Exams (Pre-test / Post-test)

Course Objectives:

-Have a cognitive understanding of basic Information Technology concepts and terminology
-Acquire basic skills essential for computer operation and computer maintenance
-Ability to learn and explore new Information Technology developments, devices, and technologies
-Ability to define, identify, assess, and replace/repair computer components such as RAM, motherboards, hard drives, CD drives, batteries, peripherals, and networking capabilities.
-Preparing students for careers in Information Technology (i.e. operations, support, deployment)
-Develop necessary skills to implement computer systems and software, provide technical assistance, and manage information and network systems.
- Utilization of the Naviance Program to explore career opportunities while engaging in
  professional development tools to enhance the student's ability to succeed in the workplace.

Course Structure:

1. CompTia Workbook (Read Chapters; Chapter Review)
2. CompTia Terms and Vocabulary
3. Project-Based Learning (PowerPoint / Presentations)
4. Chapter Reviews, Assessments, and Exams
5. Interactive Labs, Projects, Games