



## NETWORK ADMINISTRATOR ONLINE DIPLOMA PROGRAM

The Network Administrator Online program is a comprehensive course designed to teach the students the skills and abilities necessary to support and maintain computer networks. Students will learn the skills to setup and manage a network including troubleshooting and repair of network and non-networked computers. Additionally the student will have the skills to seek the CompTIA A+, CompTIA Network+, Microsoft MCSA certifications. Graduates may find jobs as a Network Administrator/Computer Repair Specialist within large and small businesses, manufacturing industries, local and federal government agencies, computer consulting firms, and education centers. Upon completion of the program a Diploma is awarded.

COURSE	COURSE REQUIREMENTS	THEORY/LAB HRS.	QUARTER CREDIT HRS.
OLNED100	A+ Computer Service Technician Online	45/45	6.5
OLNED101	Networking Essentials Online	45/45	6.5
OLNED102	Computer Security Online	45/45	6.5
OLNED103	Intro to HTML Online	45/45	6.5
OLNED104	Peripherals and Data Communication Online*	45/45	6.5
OLNED105	Advanced Networking Online*	45/45	6.5
OLNED106	Advanced Computer Security Online*	45/45	6.5
OLNED107	Introduction to MS Server Online*	45/45	6.5
<b>Total</b>		<b>360/360/0</b>	<b>52</b>

**TOTAL CLOCK HOURS: 720**

**ESTIMATED COMPLETION TIME: 40 weeks**

\* Indicates prerequisite exists. Student must complete the prerequisite course prior to entry into this course or have the instructor's permission to enter the course.

### COURSE DESCRIPTIONS

#### **OLNED100-A+ COMPUTER SERVICE TECHNICIAN ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: None**

This course maps fully to CompTIA's new 2006 A+ Exam objectives. Students will learn a step-by-step approach for learning the fundamentals of supporting and troubleshooting computer hardware and software.

#### **OLNED101-NETWORKING ESSENTIALS ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: None**

The student will be introduced to the Network+ certification exam and will also gain mapping features to the exam objectives. The text presents current coverage of networking hardware and software along with the skills necessary to succeed in the dynamic field of networking. Students learn networking fundamentals such as protocols, network design and implementation, and troubleshooting and support.

#### **OLNED102-COMPUTER SECURITY ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**  
**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: None**

Students learn test taking techniques for taking the CompTIA Security+ exam. The course covers all of the new CompTIA Security+ exam objectives and maps to the new Security+ 2008 exam. The course covers topics of increasing importance in the industry as a whole, like the latest breeds of attackers, Wi-Fi Security.

**OLNED103- INTRO TO HTML ONLINE**

**THEORY – 45 LAB – 45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS – 6.5**

**Prerequisites: None**

Students will obtain a solid background in how to structure a page, place images, format text, create links, add color, work with multimedia, and use forms. Students will also go beyond the basics and learn how to save web graphics, use Cascading Style Sheets (CSS), create dynamic web content with basic JavaScript, and upload sites to the web. By the end of the course, students will be able to build custom websites using the latest HTML techniques.

**OLNED104- A+ PRACTICAL EXAM ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: OLNED100 Online-OLNED103 Online**

This course prepares students for CompTIA's Exam 220-702: A+ Practical Application. It focuses on installing, configuring and troubleshooting hardware.

**OLNED105-MS ACTIVE DIRECTORY ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: OLNED100 Online-OLNED103 Online**

The student will complete preparation for the MCITP Active Directory certification exam and will also gain additional mapping features to the exam objectives. Students learn how to implement and utilize MS Active Server in a network.

**OLNED106- WINDOWS NETWORKING ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: OLNED100 Online-OLNED103 Online**

This course explores Windows Server 2008 networking and helps you prepare for the MCTS/MCITP Exam 70-642: Windows Server 2008 Network Infrastructure, Configuring. The course focuses on configuring, managing, and troubleshooting networking features and services in a Windows 2008 Server environment.

**OLNED107- INTRODUCTION TO MS SERVER ONLINE**

**THEORY-45 LAB-45 (90 HOURS)**

**TOTAL QUARTER CREDIT HOURS-6.5**

**Prerequisites: OLNED100 Online-OLNED103 Online**

This course will ensure the students know how to set up the server, migrate from earlier versions, and handle networking, administration, storage, and security. You'll also get details on the new Web tools and management utilities available in Windows Server 2008.