

Network Administration

Chantilly Academy

Course Description

Network Administration is a comprehensive, application-based network course in which students learn how to configure, monitor, manage, and troubleshoot computer networks. Topics covered include network design and installation, configuration management, and troubleshooting of Windows XP/Server 2003 Operating Systems. Students will become proficient in setting up Domain Controllers, Servers, and Workstations and automating and customizing software. They also learn Cyber and Network Security Configuration. Students follow industry-recognized and Microsoft-approved coursework.

Curriculum

- Installation of Windows XP/Server 2003 operating systems
- Managing network file systems
- Managing fault tolerance
- Configuring Windows XP Pro/Server 2003 networks
- Managing network groups and user accounts
- Resource management
- Printer management
- Backup and restore files

Prerequisites

Information Systems, equivalent skill or instructor approval.

Internships

Interested students are encouraged to apply for available internships.

Certifications

Upon successful completion of Network Administration, students may elect to obtain the following industry-recognized certifications:

- MCP (Microsoft Certified Professional)
- MCDST (Microsoft Certified Desktop Support Technician)
- MCSA (Microsoft Certified Systems Administrator)

- MCSE (Microsoft Certified System Engineer)

Colleges/Universities

Academy graduates interested in Network Administration can continue their studies at a large variety of schools including:

- Virginia Tech
- George Mason University
- University of Virginia
- William and Mary
- James Madison University
- Averett University
- Bridgewater College
- Christopher Newport University
- Davis and Elkins College
- Delaware State University
- Emory and Henry College
- ITT Technical Institute
- Longwood University
- Lord Fairfax Community College
- University of Mary Washington
- Marymount University
- National College of Business and Technology
- Northern Virginia Community College
- Old Dominion University
- Radford University
- Shenandoah University
- Strayer University

Careers

The study of Network Administration may lead to these careers:

- Network Administrator
- Systems Engineer
- Management Information Systems (MIS)
- Computer Science

For more information:

Chantilly Academy (703)222-7460

www.fcps.edu/ChantillyAcademy