

Professional IT Certifications

What Sets Us Apart:

- * Instructor led***
- * Small class sizes***
- * Well equipped labs***
- * Personal attention***
- * Comprehensive: theory, hands-on, real world simulations, exam prep***

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A+ Certified Computer Technician Program

The intent of the CompTIA A+ Certification is to measure individuals in a body of knowledge that is identified and accepted as the baseline or foundation of an entry-level IT professional or service technician.

Those holding the A+ certification have a broad base of knowledge and competency in installing, building, upgrading, repairing, configuring, troubleshooting, optimizing, diagnosing, and performing preventive maintenance of basic personal computer hardware, operating systems, and networking. Our Program includes coverage of the new topics such as security, safety, environmental issues, communication, and professionalism that have been added to the 2006 CompTIA exam objectives.

A+ Recommended Track

Required Courses

1: PC Hardware and Operating Systems: Components, Installation, Maintenance, and Upgrading

2: PC Networking, Security, Safety & Environmental Issues, and Customer Service (Pre-requisite: Course #1)

1: PC Hardware and Operating Systems: Components, Installation, Maintenance, and Upgrading

This course provides the framework for understanding how a computer works from the inside out. Topics include a detailed look at hardware components, hardware installation, upgrading, maintenance, Printers, Scanners, Portable Computers (Laptop/PDA), and troubleshooting tools and techniques. Students are provided hands-on opportunities to installing and troubleshooting hardware.



Windows 2003 Microsoft Certified Systems Administrator

The Microsoft Certified Systems Administrator (MCSA) credential offers IT professionals a competitive edge in today's constantly changing business environment. This Microsoft credential validates the specific skills required for network and systems administrator roles. The certification provides employers with a means to identify those individuals who have the appropriate skills to do the job successfully. MCSA candidates are required to pass three core exams and one elective. All four courses map to the MCSE course of study. Three additional required courses for MCSE designation will be offered in Spring 2007.

Windows 2003 MCSA Recommended Track

Core

2285: Installing, Configuring and Administering Microsoft Windows XP Professional

2273: Managing a Microsoft Window Server 2003 Network Environment

2276/2277: Implementing, Managing and Maintaining a Microsoft Windows Server 2003

Electives

2823: Implementing and Administering Security in a Microsoft Windows Server 2003

2285: Installing, Configuring and Administering Microsoft Windows XP Professional

This instructor-led course provides students with the knowledge and skills that are needed to manage Microsoft Windows® XP Professional computers in a Microsoft Windows Server™ 2003 environment. This course will satisfy the requisite information that is needed to help students prepare for the following Microsoft Certified Exam: 70-270. Textbook included.

14 hrs.

\$576

Course Code: SEF- 3001-602

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Tues.&Thurs 09/08/09-09/12/09 6:30 p.m. – 10:00 p.m.
Sat. 09/12/09

2273: Managing a Microsoft Window Server 2003 Network Environment

This course provides students with the knowledge and skills to manage accounts and resources in a MS Windows Server 2003 environment. It is intended for those systems administrators and systems engineers who are responsible for managing accounts and resources. This course will help the student prepare for the following Microsoft Certified exam: 70-290. Textbook included.

35 hrs

\$1426

Course Code: SEF- 3001-603

Location: High Point H4 Rm 117

Instructor: David Cohen

Tues.&Thurs. 09/15/09-10/08/09 6:30 p.m. – 10:00 p.m.
Sat. 09/26/09 8:30 a.m. - 4:30 p.m.

2276/2277: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

This instructor-led course provides students with the knowledge and skills to implement, manage, and maintain a Microsoft Windows Server™ 2003 network infrastructure. The course is intended for systems administrators and systems engineer candidates who are responsible for implementing, managing, and maintaining server networking technologies. These tasks include: implementing routing, implementing managing, and maintaining Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS), and Windows Internet Name Service (WINS); securing Internet Protocol (IP) traffic with Internet Protocol security (IPSec) and certificates; implementing a network access infrastructure by configuring the connections for remote access clients; and managing and monitoring network access. This course will help the student prepare for the following Microsoft Certified exam: 70-291. Textbook included.

49 hrs.

\$1996

Course Code: SEF-3001-604

Location: High Point H4 Rm 117

Instructor: David Cohen

Tues.&Thurs. 10/13/09-11/12/09 6:30 p.m. – 10:00 p.m.
Sat. 10/24/09 & 11/07/09 8:30 a.m. - 4:30 p.m.

2823: Implementing and Administering Security in a Microsoft Windows Server 2003

This course addresses the MCSA and MCSE skills path for IT Pro security practitioners, specifically addressing the training needs of those preparing for the 70-299 certification exam. The primary product will focus on MS Windows Server 2003 based infrastructure solutions but will include some client focused content where appropriate. The learning product is to provide functional skills in planning and implementing infrastructure security. This course will help the student prepare for the following Microsoft Certified exam: 70-299. This course is also a required core course for the attainment of MCSE. Textbook included.

35 hrs.

\$1426

Course Code: SEF- 3001-605

Location: High Point H4 Rm 117

Instructor: David Cohen

Tues.&Thurs. 11/17/09-12/19/09 6:30 p.m. – 10:00 p.m.
Sat. 12/19/09 8:30 a.m – 4:30 p.m.
(No Class November 24 & November 26, 2009)

NEW IN 2009!

Microsoft Certified Desktop Support Technician

The Microsoft Certified Desktop Support Technician (MCDST) certification helps you start your IT career by ensuring that you have the skills you need to successfully troubleshoot desktop environments that run on the Windows operating system.

MCDST candidates are required to pass two core exams.

The MCDST credential will not retire with the release of Windows Vista certifications; it will continue to be supported by Microsoft and valued by employers and decision makers who use Microsoft Windows XP.

MCDST Recommended Track

Exam 70-271: Supporting Users and Troubleshooting a Microsoft Windows XP Operating System

Exam 70-272: Supporting Users and Troubleshooting Desktop Applications on a Microsoft Windows XP Operating System

2261C: Supporting Users Running the Microsoft Windows XP Operating System

This course provides students with the knowledge and skills to troubleshoot and escalate or repair problems with Windows desktop operating systems by reacting to incident requests from end users. This course will provide the basic knowledge of system architecture and security needed to provide the students with the requisite skills required to support end users and adhere to ITIL/MOF foundational operations. Textbook included.

21 hrs.

\$866

Course Code: SEF- 3001-606

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Monday-Wednesday 11/09/09-11/11/09 8:30 a.m.-4:30 p.m.

Course 2262: Supporting Users Running Applications on Microsoft Windows XP -

In this course, you will learn to support users running applications on the Microsoft® Windows® XP operating system. You'll learn about the job duties of the Desktop Support Technician (DST), and you'll resolve a variety of common desktop operating system issues, including issues related to various applications running on Windows operating systems.

14 hrs.

\$576

Course Code: SEF- 3001-607

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Thursday-Friday 11/12/09-11/13/09 8:30 a.m. – 4:30 p.m.

CIW Associate

CIW Associates have mastered the fundamental knowledge and skills required to work in an Internet technology-enabled environment. These foundational skills include basic knowledge of Internet technologies such as Web browsers, FTP and e-mail; Web page authoring using Extensible Hypertext Markup Language (XHTML); infrastructure networking, and project management.

CIW Associate certification is valuable for individuals working in fields such as sales, business development, advertising, technical recruiting and other areas that depend on Web-enabled systems for productivity. **Job roles** of those pursuing this certification

typically include: web developer, web programmer, Internet site designer, or an Internet systems administrator.

CIW Associate is an entry level, vendor-neutral title endorsed by the *Association of Internet Professionals (AIP)* and the *International Webmasters Association (IWA)*. To become a CIW Associate, the candidate must pass one required CIW exam AND complete the CIW Certification Agreement by logging in to the [CIW Candidate Information Center](#). CIW Associate certification is also required to qualify for all CIW Professional and Master CIW certifications.

CIWv5 Foundations Series

Prerequisites: No prior experience. However, students should be familiar with an operating system such as Microsoft Windows XP before taking this course.

Prepare for: CIW v5 Foundations ([exam 1D0-510](#))

Text may be purchased at the High Point Bookstore.

Internet Business Foundations

Internet Business Foundations prepares students to work effectively in today's business environment. In this course, students will learn about the tasks involved in various Information Technology (IT) job roles. Students will also learn about Internet connection methods, Internet protocols and the Domain Name System (DNS). Students will study the basic functions of Web browsers, the components of Web addresses and the use and control of cookies. Students will learn how plug-ins can improve their Web browsing experience, and Students will use browsers to download and manage files.

Students will learn about databases as they relate to Web search engines, and Students will use search engines to conduct basic and advanced Web searches. This course also teaches Students to configure email clients and use e-mail, and it provides guidelines for communicating effectively over the Internet via e-mail and other methods such as instant messaging and newsgroups.

Students will learn about the risks associated with being connected to the Internet, and about the security measures that can keep their system and their personal information secure. Finally, Students will study the fundamental elements of project management and the importance of acquiring these skills for all IT job roles.

16 hrs.

\$675

Course Code: SEF- 3001-608

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Saturdays

09/19/09 & 10/03/09

8:00 a.m. – 5:00 p.m.

Site Development Foundations

Site Development Foundations teaches students essential Web page development skills. Students will learn to develop Web sites using Hypertext Markup Language (HTML) and Extensible HTML (XHTML). Students will learn to write code manually, as well as use graphical user interface (GUI) authoring tools. Students will also learn to insert images, create hyperlinks, and add tables, forms and frames to their Web pages.

In addition to learning about XHTML and HTML coding, Students will learn about CGI and use it to connect Web pages to databases. Other topics include validating their XHTML code, recognizing the importance of marketing, and implementing fundamental design concepts. Throughout the course, Students will learn how Web sites are developed as managed projects. Students will also identify ecommerce solutions and relate Web site development to business goals.

Site Development Foundations provides an introduction to tasks, job roles and careers in Web development. This course will teach students to work as a productive part of a Web site development team. Hands-on labs include real-world scenarios based on the Habitat for Humanity site (www.habitat.org).

16 hrs.

\$675

Course Code: SEF- 3001-609

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Saturdays

10/17/09 & 10/31/09

8:00 a.m. – 5:00 p.m.

Network Technology Foundations

Network Technology Foundations teaches essential networking technologies and skills, including TCP/IP, stable network creation, wireless networking and network troubleshooting. Students will learn to use various network components and protocols that enable users to share data quickly and easily. Students will explore the different types of transmission media, and will learn how network architecture and topologies provide for efficient and secure communication. In addition, students will learn about the OSI reference model and its relationship to packet creation, and students will compare and contrast the OSI model with the Internet architecture model.

Students will study the functions and features of internetworking server types, and will achieve competency in performing basic hardware and operating system maintenance procedures. In addition, students will learn about the importance of RFCs and where to

Guilford Technical Community College

Fall 2009

Live and Learn

locate the most recent RFC documents. Students will also learn about the importance of routing, and will explore IP addressing, IP address classes and subnet masks. This course will also teach students essential network security concepts, including authentication, encryption and firewalls. Finally, students will explore career opportunities in the IT industry, and will discuss effective ways of communicating technical information.

8 hrs.

\$335

Course Code: SEF- 3001-610

Location: High Point H4 Rm 117

Instructor: Paula Sieber

Saturday

11/14/09

8:00 a.m. – 5:00 p.m.

*****NEW*****

CERTIFICATION BOOT CAMPS

for

Corporate Customers

A+, Net+, Sec+

Please contact Mike Hartman

334-4822 Extension 2918

mlhartman@gtcc.edu