

Chindlers

INTERNET TECHNOLOGY CURRICULUM

Program: INTERNET TECHNOLOGY

Course Title: INTERNET TECHNOLOGY

Prerequisites: Basic Computer Skills

Certifications Upon Completion: **Cisco CCNA, Cisco CCENT, Comptia A+**

Length of Course: 556 Hours / 36 Weeks

PRICE: \$9,000.00

COURSE OBJECTIVE:

The purpose of this course is to prepare individuals to provide technical support to professionals in the IT fields. Prepare students to successfully pass, Cisco CCNA, Cisco CCENT, Comptia A+ certifications. Upon completion candidates can apply to any internet security position.

PROGRAM DESCRIPTION:

Our IT Program prepares candidates for employment as IT professionals. Upon completion Graduates will be qualified to work in any Organization.

INSTRUCTIONAL STRATEGIES:

Our institution has develop its own e-learning platform (www.tutoracademy.org) together with a combination of class lectures, hands on with a computer, one on one demonstrations, and in-house lab experiences applicants can accomplish certification.

STUDENT LEARNING PORTAL

Our onsite lab will be used to provide diverse scenarios of IT guidance.

PROGRAM LENGTH

The following hours are recommended program lengths. It is understood, however, each student learns at his or her individual pace and there will be students who successfully complete the program in fewer or more hours that what is recommended.

METHOD OF EVALUATION

Our onsite testing program through(Pearson Vue) will evaluate and certify each candidate, reports will be produce to assist candidates in becoming certified.

GRADING FORMULA

Percentage %	Grade
90+	A
87-89	A-
84-86	B+
80-83	B
77-79	B-
74-76	C+
70-73	C
65-69	D+
60-64	D
<59	F

PROGRAM DESCRIPTION:

Course Name: CompTIA A+

Course Number: **Com101**

Course Hours: **160** hrs

COURSE DESCRIPTION:

CompTIA A+ is the preferred performance-based qualifying credential for technical support and IT operational roles. A+ certified professionals identify issues and problem solve more effectively than those without certification. CompTIA A+ supports the ability to connect users to the data they need to do their jobs regardless of the devices being used. In order to receive the CompTIA A+ certification, candidates must pass two exams: Core 1 (220-1001) and Core 2 (220-1002). Successful candidates will have the skills to:

- Support basic IT infrastructure, including endpoint management, advanced device connectivity troubleshooting, and basic networking
- Configure and support PC, mobile and IoT device hardware, including components, connectors and peripherals
- Implement basic data backup and recovery methods and apply data storage and management best practices
- Demonstrate baseline security skills for IT support professionals, including detecting and removing malware, addressing privacy concerns, physical security and device hardening
- Configure device operating systems, including Windows, Mac, Linux, Chrome OS, Android and iOS and administer client-based as well as cloud-based (SaaS) software
- Troubleshoot and problem solve core service and support challenges while applying best practices for documentation, change management, and the use of scripting in IT support

Core 1 (220-1001)

Course content	127 lectures	80 Hours
+Path of the PC Tech	4 lectures	2 hours
+The Visible Computer	4 lectures	2 hours
+Microprocessors	9 lectures	6 hours
+RAM	5 lectures	2 hours
+BIOS	4 lectures	2 hours
+Motherboards	6 lectures	6 hours
+Power Supplies	5 lectures	2 hours
+Hard Drive Technologies	6 lectures	6 hours
+Implementing Hard Drives	3 lectures	3 hours
+Essential Peripherals	14 lectures	8 hours
+Building a PC	1 lecture	1 hour
+Display Technologies	8 lectures	10 hours
+Essentials of Networking	6 lectures	3 hours
+Local Area Networking	18 lectures	8 hours
+Wireless Networking	8 lectures	6 hours
+The Internet	11 lectures	6 hours
+Portable Computing	7 lectures	1 hours
+Understanding Mobile Devices	2 lectures	4 hours
+Printers and Multifunction Devices	6 lectures	2 hours

Core 1 (220-1002)

Course content	116 lectures	80 Hours
+Path of the PC Tech	4 lectures	2 hours
+Operational Procedures	7 lectures	2 hours
+The Visible Computer	10 lectures	6 hours
+Power Supplies	2 lectures	2 hours
+RAM	3 lectures	2 hours
+Implementing Hard Drives	6 lectures	6 hours
+Essential Peripherals	1 lectures	2 hours
+Building a PC	6 lectures	3 hours
+Windows Under the Hood	7 lectures	6 hours
+Users, Groups, and Permissions	5 lectures	3 hours
+Maintaining and Optimizing Operating Systems	8 lecture	10 hours
+Working with the Command	10 lectures	8 hour

Line Interface		
+Troubleshooting Operating Systems	9 lectures	8 hours
+Virtualization	7 lectures	6 hours
+The Internet	15 lectures	2 hours
+Understanding Mobile Devices	4 lectures	6 hours
+Care and Feeding of Mobile Devices	8 lectures	4 hours
+Printers and Multifunction Devices	2 lectures	1 hours
+Securing Computers	6 lectures	1 hours

Course Name: **Cisco CCENT - Routing & Switching**

Course Number: **Cisco 101**

Course Hours: **160 hrs**

COURSE DESCRIPTION:

The Cisco Certified Network Associate Routing & Switching certification (CCNA R&S) is one of the strongest associate level IT certifications in the world and proves your ability to install, configure, operate and troubleshoot enterprise networks and Cisco IOS. This course covers the ICND1 exam which is the first part to achieving the full CCNA R&S certification. After passing the ICND1 exam you will become a Cisco Certified Entry Networking Technician (CCENT) and will be on your path to achieving the CCNA.

Course Content	91 Lectures	Hours of training
Introduction to CCENT/CISCO ICND1 (100-105)	1 lecture	2 hour
TCP/IP Networking	4 lectures	8 hours
Fundamentals of Ethernet LAN's	5 lectures	10 hours
Fundamentals of WAN	6 lectures	5 hours
Fundamentals of IPv4 Addressing	10 lectures	20 hours
Introduction to the CLI	10 lectures	20 hours
Introduction to Cisco Inter-Networking Components	7 lectures	10 hours
Managing Cisco Devices	2 lectures	5 hours
Dynamic Routing Process	5 lectures	5 hours

Securing your Network	9 lectures	20 hours
Introduction to NAT Protocol	7 lectures	20 hours
Introduction to IPv6	11 lectures	20 hours
Summary of Course	1 lecture	5 hours

Course Name: Cisco CCNA Routing and Switching

Course Number: **Cisco 102**

Course Hours: **219** hrs

COURSE DESCRIPTION:

Candidates will get a full understanding of all the concepts and topics you need to earn the most in-demand networking certification today by passing the Cisco CCNA Routing and Switching 200-125 exam. This course offers an easy to understand, structured approach to shortcut your path to mastering Cisco networking to the CCNA level and beyond.

In this course, you will:

- Develop a deep understanding of Cisco's features and functions
- Walk through complete and easy to understand explanations of each technology area covered in the exam
- Follow simple step by step instructions to build your own fully featured lab on your laptop for free
- Gain hands on configuration and troubleshooting experience through comprehensive lab exercises
- Learn how networking really works through real world examples throughout the course
- Build the skills and confidence to crush the CCNA 200-125 exam
- Gain demonstrable knowledge and practical experience to supercharge your networking career

Course Content	Lectures	Hours of training
CCNA 200-125, ICND1, Sec 1: Supermodels!	3 Lectures	2 hours
CCNA 200-125, ICND1, Sec. 2: Ethernet And Cabling	3 Lectures	2 hours
CCNA 200-125, ICND1, Sec. 3: Hubs, History, and Why Hubs Are History	7 Lectures	5 hours
CCNA 200-125, ICND1, Sec 4: Config Modes, IOS Help, Intro To VLANs	8 Lectures	5 hours
CCNA 200-125, ICND1, Sec. 5: Memories, Boots, and Passwords	11 Lectures	5 hours
CCNA 200-125, ICND1: IP Addressing, Binary, and Intro To Routing	5 Lectures	5 hours

CCNA 200-125, ICND1: Switches, Default Gateways, Telnet, And More!	7 Lectures	5 hours
CCNA 200-125, ICND1: TCP and UDP	3 Lectures	2 hours
CCNA 200-125, ICND1: DHCP, DNS, And ARP	2 Lectures	2 hours
CCNA 200-125, ICND1: Static Routing, Pings, And Hub-And-Spoke Networks	5 Lectures	2 hours
CCNA 200-125, ICND1: Distance Vector In General, RIPv2 In Particular	15 Lectures	5 hours
CCNA 200-125, ICND 1 and 2 -- Subnetting Success!	10 Lectures	5 hours
CCNA 200-125, ICND 1: Access Lists	13 Lectures	5 hours

CCNA 200-125, ICND 1: The Network Time Protocol	4 Lectures	2 hours
CCNA 200-125, ICND1: NAT and PAT	4 Lectures	2 hours
CCNA 200-125, ICND1: IP Version 6	18 Lectures	10 Hours
CCNA 200-125, ICND1 *and* 2: This And That	11 Lectures	5 hours
CCNA 200-125, ICND2: VTP (VLAN Trunking Protocol)	9 Lectures	5 hours
CCNA 200-125, ICND2: The Spanning Tree Protocol	16 Lectures	10 Hours

CCNA 200-125 (ICND2): Etherchannels	4 Lectures	2 hours
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CCNA 200-125 (ICND2) : The Rapid Spanning-Tree Protocol	3 Lectures	2 hours
CCNA 200-125 (ICND2): OSPF	26 Lectures	10 hours
CCNA 200-125, ICND2: EIGRP	22 Lectures	10 hours
CCNA 200-125 (ICND2): OSPF, EIGRP, and RIP For IPv6	10 Lectures	10 hours
CCNA 200-125 (ICND2): First-Hop Redundancy Protocols	9 Lectures	5 hours
CCNA 200-125 (ICND2): PTP WANs, VPNs, and GRE	20 Lectures	10 hours
CCNA 200-125 (ICND2): Fun With L3 Switches (Mostly)	7 Lectures	5 hours

CCNA 200-125 (ICND2): Surviving Quality Of Service	5 Lectures	2 hours
CCNA 200-125 (ICND2): Network Monitoring	8 Lectures	5 hours
CCNA 200-125 (ICND2): Cloud Computing and Software-Defined Networking	4 Lectures	2 hours
CCNA 200-125 (ICND2): IPv6 ACLs	8 Lectures	5 hours
CCNA 200-125, ICND2: Intro To...	20 Lectures	10 hours
CCNA 200-125 (ICND2): The Border Gateway Protocol	21 Lectures	10 hours
Your Free CCNA Security 210-260 Course Starts Here!	9 Lectures	5 hours

CCNA Security 210-260, Section 2: Specific Attacks And Defenses	28 Lectures	10 hours
CCNA Security 210-260: Privilege Levels	16 Lectures	10 hours
CCNA Security Course: Protecting The Control Plane	4 Lectures	2 hours
CCNA Security 210-260: New VPN Section	16 Lectures	10 hours
CCNA Security 210-260: Firewalls	19 Lectures	10 hours

CCNA Security 210-160: The IPS and IDS	8 Lectures	5 hours
CCNA NAT Review For CCNA Security Exam Success Prep	4 Lectures	2 hours
CCNA Security: NTP Review and Authentication Labs	8 Lectures	5 hours
AAA	9 Lectures	5 hours
CCNA Security 210-260: IPv6	19 Lectures	10 hours
CCNA Security 210-260	4 Lectures	2 hours

Career Development Course

C-1

Intro to Business

Instructional Hours: 16

Prerequisites: None

Course Description:

To cater to the needs of a diverse population the students that are welcomed to the Introduction to Business course will find that their particular backgrounds will aid them in the venture to understand our modern workforce. This is a survey of modern business etiquette necessary to thrive in today's competitive market. From the introduction to concepts of emotional intelligence to an overview of Business attire and Job planning. This is a introductory course that can be taken without prerequisites, it will be directly influenced by the students particular needs. An understanding of emotional control will introduce students to practices in self discipline. This class will typical start with an evaluation on the students to establish a study schedule, a career choice, and a career plan. After this course the student will have a general view on their personal goals after completing the "Chindlers Personal Evaluation". Students will have access to: Job placement services & Interview Appointments, One-on-One office hours, VARK Study habits assessment, Mock Interviews and Access to the Job Search Resource Center. Job skill Development Workshops, Social and Emotional Intelligence Training , Resume and Cover letter development, Interview Skills Development, Professionalism in the Workplace, Social Media in Modern Business, Intro to Entrepreneurism, Intro Social Network, and Personal Statements development.

Intro to Career Development

Course Content	Lectures	16 Hours
Resume Making	1 Lecture	2 hours
Mock Interviews	1 Lecture	2 Hours
Social and Emotional Intelligence Training	1 Lecture	4 Hours
Intro to entrepreneurship	1 Lecture	8 Hours