



New CCNA Curricula Overview



CCNA Discovery and CCNA Exploration

Cisco | Networking Academy®
Mind Wide Open™



Two New CCNA® Curricula

Both Prepare Students for CCNA Certification and Professional Careers

CCNA Discovery



- Independent curriculum or integrate into broader course of study
- Students with basic PC usage skills

CCNA Exploration



- Integrated technology curriculum or continuing education program
- Students with advanced problem solving and analytical skills



CCNA Discovery

CCNA Exploration

- Networking based on application
- Introduction to career exploration and soft skills

Basics of Routing and Switching

- Networking based on technology
- Deep into protocols and theory (LAN, WAN)

- Skills for entry-level professions:
 - Network installer
 - Network technician
 - Help desk technician
 - Basic network design

Core Skills for CCNA Certification

- Skills for wide range of networking professions:
 - Network technician
 - Network administrator
 - Network engineer

Key Factors in Obtaining Jobs: Education, Experience, and Certification



How Do I Choose?

What Are Your Students' Academic Capabilities?

CCNA Discovery

- Designed for students with basic PC usage skills

CCNA Exploration

- Designed for students with advanced problem solving and analytical skills, such as those who are pursuing degrees in engineering, math, or science



How Do I Choose?

What Are Your Students' Goals?

CCNA Discovery

- Designed to make IT relevant, encourage students to consider further education in IT, and help students prepare for entry-level IT careers
- Prepares students for entry-level IT careers as early as the first two courses

CCNA Exploration

- Designed for students who want to pursue additional technology or engineering educations while preparing for an IT career
- Prepares students for entry-level IT careers after the completion of the four-course curriculum



How Do I Choose?

How Will Your Institution Integrate the New CCNA Curriculum?

CCNA Discovery

- Can be delivered as an independent, standalone curriculum, or integrated into broader courses of study at upper-secondary institutions, career and technical schools, and colleges

CCNA Exploration

- Can be part of an integrated curriculum or continuing education program at post-secondary institutions such as career and technical schools, colleges, and universities



How Do I Choose?

Which Curriculum Best Aligns with Your Teaching Methodology and Your Students' Interests?

CCNA Discovery

- Teaches networking based on application
- Maps more directly to everyday experiences with networks and covers key networking concepts based on the types of network environments students may encounter
- Uses easy-to-follow labs
- Provides general theory
- Offers a career-oriented approach to learning networking

CCNA Exploration

- Teaches networking based on technology concepts
- Allows students to learn skills in a more rigorous, comprehensive, theoretical, and practical way that is reflective of standard college and university-level educational practices
- Uses language that allows for integration with engineering concepts
- Includes complex and challenging hands-on labs

How Do I Choose?

Is the Existing CCNA v3.1 Curriculum Very Difficult for Your Students in Terms of Theoretical Topics?

CCNA Discovery

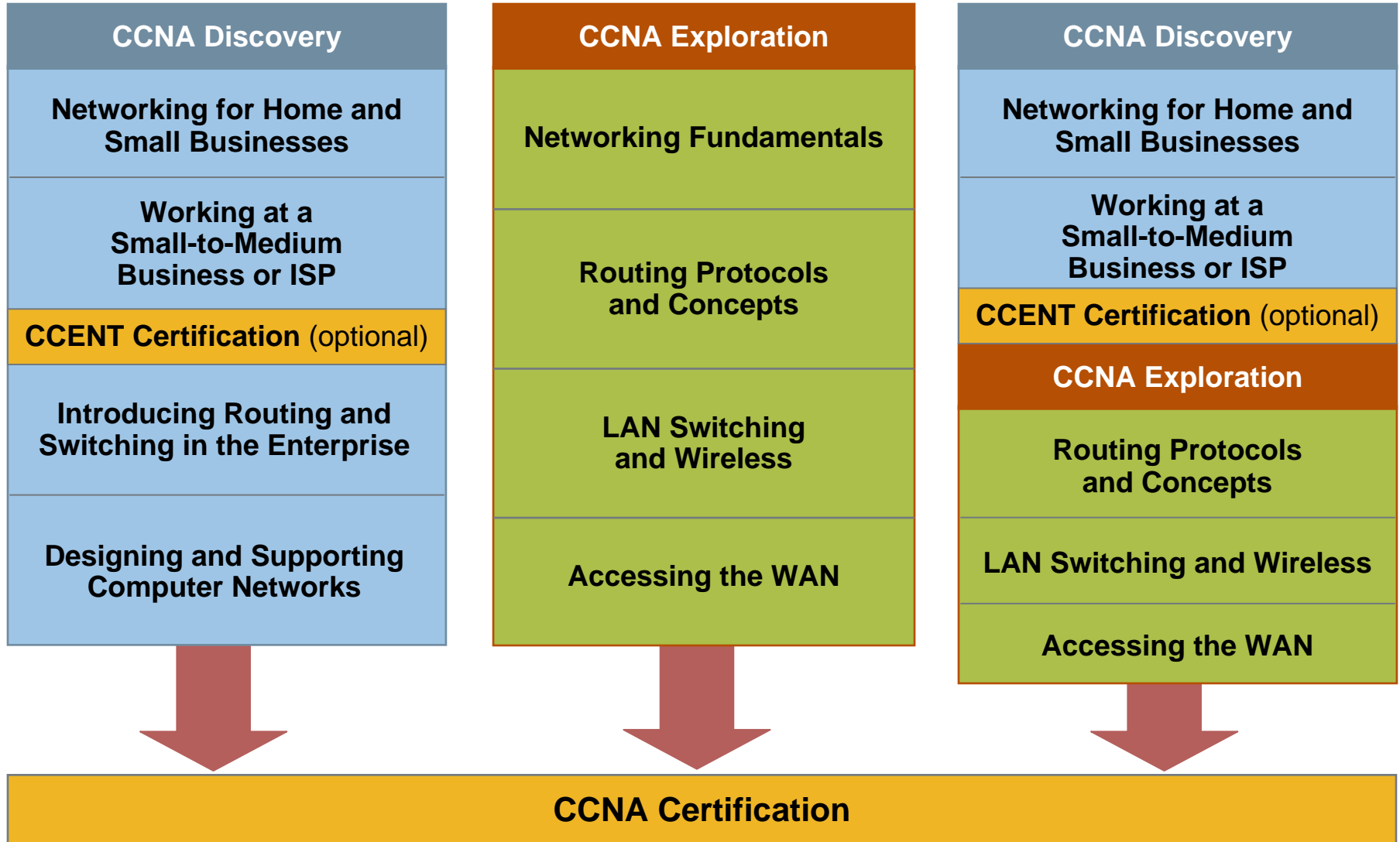
- Yes, the current CCNA curriculum is very difficult

CCNA Exploration

- No, the current CCNA curriculum is just right or not challenging enough



Paths to CCNA Certification





Why Convert to CCNA Discovery/Exploration?

Advantages

Students Benefit by Teaching Latest Technology and Skills



E-Doing: Embedded Simulation Tools, Providing Exploration and Experimentation



Aligns to the New CCNA Certification Exams



Aligns Learning Objectives with Job Skills



Increased Use of Rich Media for Ongoing Interactivity through the Learning Process



Optimal Balance of Theory, Practice and Application



Improved Accuracy and Flow of Information with Less Redundancy

Let's Take a Closer Look...

CCNA Discovery Demo

Resources





Academy Connection Instructor Home Page

My Profile | Contacts & Feedback | Help | Logout

CISCO Cisco Networking Academy

ACADEMY CONNECTION

- ADMINISTRATOR HOME
- INSTRUCTOR HOME**

Administrator Home

Headlines [View Recent Headlines](#) [View Headlines Archive](#)

Networking Academy Program Headlines

- [Two Revised CCNA Discovery Courses Now Available](#) (05/01/2008)
- [Scheduled Academy Connection Down Time](#) (05/01/2008)
- [New Instructor Orientation Course Now Available](#) (05/01/2008)

Packet Tracer [Download](#)

Interactive Course Guides [View Now](#)

New books for CCNA Discovery and CCNA Exploration [Learn More](#)

Manage

Manage My Academies

Academies [Cisco Systems](#) [View Academy Tree](#)

Academy Next Steps

- [Digital Opportunities](#)
- [Gender Initiative](#)
- [How to Offer New Courses](#)
- [Career Connection](#)
- [Industry Certification](#)

Search

- Membership Directory
- Academy & Class Locator

Resources

- AC Tutorials
- Academy Marketplace
- Course Catalog
- Course Materials
- Forums & Chat
- FTP Center
- Glossary
- Library
- Marketing Toolkit
- Tools

Alumni Membership

You may soon be eligible to register as an Alumni. Watch for a link to the Alumni registration process to appear on the left navigation bar when you successfully complete your current course.

Instructor Materials from Cisco Learning Institute

▪ Interactive Course Guides (ICG)

Provide instructional support consistent with learning by doing approach
Contain ideas for activities, discussions, and reflection
Also key ideas, critical concepts, teaching goals, case studies, and tools

▪ Instructor Reference Guides (IRG) formerly 'Delta Documents'

Provide comparison of new and existing curricula
Primarily for existing instructors to determine overlap

▪ PowerPoint Presentations

Building blocks for instructors, who can alter the presentations to fit their needs
Include chapter objectives and section-level objectives with graphics and summaries

▪ Pacing Guides

Provide guidance on time management and content difficulty ratings for academy instructors
New resource for all CCNA Discovery and CCNA Exploration courses

Instructor Tools on Academy Connection

The screenshot shows the Cisco Networking Academy interface. At the top left is the Cisco logo. Below it are navigation links: ACADEMY CONNECTION, ADMINISTRATOR HOME, and INSTRUCTOR HOME. The main header area includes the Cisco Networking Academy logo and a search bar with results for Membership Directory and Academy & Class Locator. The current page is titled "Tools" and "CCNA Discovery > Networking for Home and Small Businesses". A "Back to Find Tools" button is visible. Below this are three tabs: "Curriculum", "Course" (highlighted with a red circle), and "Classroom Set Up". The main content area is titled "English" and contains a table of resources.

English		Title	Document Type
Networking for Home and Small Businesses > Version 4.0			
CCNA Discovery and CCNA Eagle Servers			
CCNA Discovery Networking for Home and Small Businesses Interactive Course Guide			
Discovery Server ICG			
Instructor Lab Manual - Networking for Home and Small Businesses	ZIP- 4.94 MB 12/07/2007		
Instructor Reference Guide - Networking for Home and Small Businesses			PDF- 0.1 MB 06/20/2007
Lab Source Files - Networking for Home and Small Businesses	ZIP- 11.55 MB 12/07/2007		
Networking for Home & Small Businesses Lab/Activity Map			XLS- 0.16 MB 10/25/2007
Packet Tracer Activities, pka files, Networking for Home and Small Businesses	ZIP- 0.42 MB 03/10/2008		



Resources Available on Academy Connection

Currently Available

- Datasheets
- Scope and Sequence documents
- Detailed equipment list
- Product demos
- FAQs
- At-a-Glance
- Migration guidelines (found under Tools for CCNA version 3.1)
- Job framework information
- Curriculum Selection Guidelines
- CCNA Overview Presentation
- New CCNA Video
- CCNA Servers page
- Packet Tracer page

Cisco Press Text Books Available

- Check <http://www.ciscopress.com> or sign up for the [newsletter](#) for the latest information

CCNA Discovery	Book
Networking for Home or Small Business	Learning Guide
Working at a Small-to-Medium Business or ISP	Learning Guide
Introduction to Routing and Switching in the Enterprise	Learning Guide
Designing and Supporting Computer Networks	Learning Guide

CCNA Exploration	Book
Network Fundamentals	Companion Guide
	Lab and Study Guide
Routing Protocols and Concepts	Companion Guide
	Lab and Study Guide
LAN Switching and Wireless	Companion Guide
	Lab and Study Guide
Accessing the WAN	Companion Guide
	Lab and Study Guide

Supporting Material



Operational Requirements

- **Equipment:** Overall, there has been a reduction in equipment requirements; CCNA curricula requirements now include a Linksys® wireless router—details on the course catalog (see Equipment List)
- **Guides Available:**
 1. Computer requirements
 2. Legacy Equipment and Software Guides: Image and Hardware Support Assistance with Legacy Equipment and Software (see 'Classroom Set up' tab under **Tools**)

ACADEMY CONNECTION
ADMINISTRATOR HOME
INSTRUCTOR HOME

Tools

CCNA Discovery > Networking for Home and Small Businesses

Search
:: Membership Directory
:: Academy & Class Locator

Back to Find Tools

Curriculum Course **Classroom Set Up**

English

Title	Document Type
Networking for Home and Small Businesses > Version 4.0	
Instructions for Adding Non-Supported File Extensions (MIME Type) to Internet Information Server 6.0	PDF- 0.31 MB 12/17/2007
Linux (Ubuntu 7.04 Desktop Edition) Installation Guide	PDF- 0.24 MB 12/20/2007
NetAcad Maintenance - Image & Hardware Support Assistance with Legacy Equipment and Software	XLS- 0.26 MB 12/17/2007
PC and Browser Guidelines	PDF- 0.04 MB 12/24/2007
Windows 2003 Server Installation Guide	PDF- 0.25 MB 03/09/2007

CCNA Discovery and CCNA Eagle Server Support

CCNA Discovery and CCNA Eagle Server:

Provides network services in your classroom lab without going onto your school's intranet (e.g. FTP, email, streaming video, Web hosting, instant messaging and more); can be implemented either through a bootable CD or installed as a permanent server

The screenshot shows the Cisco Networking Academy website interface. The main content area is titled "CCNA Discovery and CCNA Eagle Servers". It features two main sections: "CCNA Discovery Server" and "CCNA Eagle Server".

CCNA Discovery Server

The CCNA Discovery series of courses is designed to provide a hands-on learning approach to networking. Some of the CCNA Discovery labs use network services, such as email, DNS, HTTP, and FTP. Since it is not always possible for students to access these services on a live network, the CCNA Discovery Server has been developed to provide these services in an isolated lab environment, disconnected from the Internet.

The CCNA Discovery Server is required to complete many of the CCNA Discovery labs. Please note that some labs require the use of additional services and configurations provided by the latest release, CCNA Discovery Server v2.0. This version is compatible with all four courses in the CCNA Discovery curricula.

Title
CCNA Discovery Server Instructions
CCNA Discovery Server FAQs
CCNA Discovery Server Live CD v2.0

[Cisco Networking Academy Community: Discovery & Eagle Network Services Servers](#)

CCNA Eagle Server

The CCNA Exploration series of courses is designed to provide a hands-on learning approach to networking. The top-down approach adopted in

New CCNA Servers Page:

Linked from the Tools and also off the Course Catalog area on Academy Connection includes:

- Instructions
- FAQs

Additional Server Resources:

- Server Interactive Course Guide (ICG) available from CLI
- Forums and Chat: Discovery and Eagle Network Services Servers



Continuous Quality: Maintenance and Bug Reporting

- Extensive, robust quality processes updated and in place
Cisco New Product Introduction methodology
- Reported bugs are continuously monitored and fixed
Planned maintenance releases
For more information, check the Headlines Archive on Academy Connection, November 2007 story "Curriculum Release & Bug Reporting Processes"
- Assessments continuously refreshed as required
Policy is to correct and refresh as soon as possible
Three CCNA assessment updates released since launch
Processes will continue to evolve and improve
- Check for known issues and report bugs in curricula and assessments using **Help** link on Academy Connection

My Profile | Contacts & Feedback | **Help** | Logout

Cisco Networking Academy

ACADEMY CONNECTION
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CCNA Certification Prep Center

<http://forums.cisco.com/eforum/servlet/PrepCenter?page=main>

The screenshot shows the Cisco CCNA Certification Prep Center website. At the top, there is a navigation bar with links for Home, Log In, Profile, Contacts & Feedback, Help, and Site Map. Below this is a search bar with a 'GO' button. A secondary navigation bar includes links for Products & Services, Ordering, Technical Support & Documentation, Learning & Events, Partners & Resellers, and About Cisco. The main content area is titled 'Career Certifications & Paths' and 'CCNA Prep Center'. It features a section 'Get Ready for Your CCNA and CCENT Certification' with a brief description and a search box for the CCNA Prep Center. Below this are tabs for Overview, CCNA Paths, Exam Study, CCNA TV, Discussions, News and Information, and Games. The 'Resources' section lists various tools and materials, including 'Practice Taking Exams' with links to ICND1 and ICND2 practice questions, 'Labs and Simulations' with links to various lab exercises, and 'Quick Learning Modules' with a link to a wireless overview. A sidebar on the right contains 'Cisco Resources', 'Related Tools', and 'Related Links'.

Free of charge to anyone with a Cisco.com guest login

- Provides certification candidates with practice questions, labs, simulations, tips, discussion forums
- CCNA videos
- Advice from CCNA experts

Cisco Certification Exam Vouchers (1/2)

Available Vouchers

- **Discount Vouchers:** Allows qualified **Networking Academy students** to take the following Cisco certification exam at a reduced cost:

ICND1 (640-822)	INTRO (640-821)*
ICND2 (640-816)	ICND (640-811)*
CCNA (640-802)	CCNA (640-801)*

- **Retired Exam Promotional Code:** Allows **Networking Academy students, instructors and alumni** to take the following retired exams until **July 31, 2009**:

INTRO (640-821)
ICND (640-811)
CCNA (640-801)

*Retired exam vouchers for the English and translated versions of the exam are currently available through July 31, 2009

Cisco Certification Exam Vouchers (2/2)

Registering for Cisco Certification Exams

- Only available through Pearson VUE, to register for current exams candidates may:
 - Contact a Pearson VUE agent directly (<http://www.pearsonvue.com/cisco/contact>)
 - Register via Pearson VUE website (<http://www.pearsonvue.com>)
 - Call or visit a test center directly; to locate a test center visit the Pearson VUE website (<http://www.pearsonvue.com>) and use the “Locate a Test Center” option
- Candidates may not register for the retired certification exams online

Detailed Voucher Information and FAQs

- Visit Academy Connection post login
- Go to Tools Page—scroll to bottom for Program/Marketing Tools
- Go to the Program Tab—scroll to Certification and Voucher Information
- Here you will find a link to a comprehensive slide deck

Reminder: CCNA v3.1 End-of-Life Approaching

Move to CCNA Discovery or CCNA Exploration Now!

Milestone	Definition	Date
End of Offering	Last Date to Create New Instructor Classes: Courses 1–4	January 31, 2008
Course 1		
End of Offering	Last Date to Create New Student Classes	March 31, 2008
End of Support	Last Date to Receive Help Desk Support for Course Maintenance	July 31, 2008
End of Availability	Last Date to Access Content on Academy Connection	July 31, 2008
Courses 2–4		
End of Offering	Last Date to Create New Student Classes	January 31, 2009
End of Support	Last Date to Receive Help Desk Support for Curriculum Maintenance	July 31, 2009
End of Availability	Last Date to Access Content and Receive Curriculum Operational Support on Academy Connection	July 31, 2009
Certification Exams		
Certification Exams Retired	Last Date for Students to take INTRO (640-821), ICND (640-811), and CCNA (640-801) Exams	July 31, 2009

Panel Discussion



Q and A



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