

Neuerungen im Programm: Neue Kursversionen IT-Essentials und CCNA, veränderte Zertifikatsstruktur (und Innovationen auf der Lernplattform)

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Cisco Networking Academy
Hochschule Krefeld, 12.09.2019





Übersicht

1. Warum neue Kurse?
2. IT Essentials 7.0
3. CCNA 7.0
4. Neue Zertifikate
5. (“...und Innovationen auf der Lernplattform” folgt im Technical Update)



Warum neue Kurse?

Warum neue Kurse? – The Network is changing ...

Enabling IT to adapt fast and at scale

Technologies powering digital transformation



Virtualization & Cloud
Enabling new business models and global scaling on demand



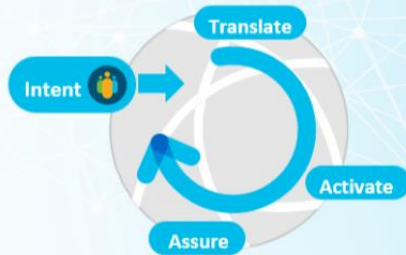
Automation
Supporting over 4 billion users plus 10 billion IoT devices



5G Mobility
Secure access to business critical applications and data



Analytics & AI
Distilling zettabytes (10²¹) of data to find relevant insights



Intent-Based Networks

Achieve business objectives using DevOps principles

Charakter



Multi-Domain Networking

Unify and secure diverse networking domains

Netz-
Infrastrukturen



Programmable Networks

Drive automation, agility, and scale securely

Administration

Neue Anforderungen an die IT-Infrastruktur und die neuen Technologien fordern erweiterte Kompetenzen (advanced skillset)



Digitale Geschäftsmodelle & -architekturen basieren auf Software-defined-Network (SDN)



Programmieren wird integraler Bestandteil für Systemadministratoren



Automatisierung und Virtualisierung breiten sich in alle Netzwerke aus



Wireless-Technologien sind ein erheblicher Teil des Zugriffs auf Netzwerke



Netzwerk Device-Management entwickelt sich von CLI zu API



Wachsende Sicherheitbedrohungen verlangen neue Fähigkeiten

Employers expect foundational IP skills and breadth of knowledge from network admins

Explore

Introduction to exciting opportunities in technology.

- ▲ Get Connected
- ▲ Introduction to Packet Tracer
- ▲ NDG Linux Unhatched
- ▲ Cybersecurity Essentials
- ▲ Introduction to Cybersecurity
- ▲ Introduction to IoT
- Networking Essentials
- ▲ Entrepreneurship

Career

Preparation for entry level positions.



Digital Essentials

- ★ ● ■ IT Essentials
- ▲ NDG Linux Essentials

- ▲ PCAP: Programming Essentials in Python
- Hackathon Playbook



Networking

CCNA R&S:

- ★ ● ■ Introduction to Networks
- ★ ● ■ R&S Essentials
- ★ ● ■ Scaling Networks
- ★ ● ■ Connecting Networks

CCNP R&S:

- ★ ● ■ Switch
- ★ ● ■ Route
- ★ ● ■ TShoot



Programmable Infrastructure

Emerging Tech Workshops:

- Network Programmability
- Experimenting with REST APIs

IoT Fundamentals:

- ★ ■ Connecting Things
- ★ ■ Big Data & Analytics



Cybersecurity

- ★ ● ■ CCNA Security
- ★ ● ■ CCNA Cybersecurity Operations
- IoT Fundamentals:
 - IoT Security

Practice

Increase mastery with hands-on tools & experiences

Packet Tracer

Gaming

Prototyping Lab

Virtual Labs

Assessments

Physical Equipment

Complementary Offerings

Additional offerings available from Partners.



- ▲ NDG Linux I
- ▲ NDG Linux II
- NDG NetLab+
- NDG CCNA CyberOps Lab



- CLA: Programming Essentials in C
- CLP: Advanced Programming in C
- CPA: Programming Essentials in C++
- CPP: Advanced Programming in C++



IT Essentials 7.0



IT Essentials @ NetAcad

Grundlegende
Kompetenzen für
Einstiegsniveau IT-
Berufe

Über 2,4 Millionen
Students weltweit



Verfügbar in 21
Sprachen

6 Versionen seit
Einführung vor 17
Jahren

NRW: ~ 1.500 Students in IT Essentials pro Jahr

Neuerungen in IT Essentials Version 7

Active Learning –
aktives Lernen



Expanded Coverage –
erweiterter Inhalt



Improved Outcomes –
verbesserte Ergebniss





Active Learning - mehr Bilder + Videos

Mehr Bilder,
weniger Text

A power supply includes several different connectors, as shown in Figure 1. These connectors are used to power various internal components such as the motherboard and disk drives. The connectors are "keyed" which means that they are designed to be inserted in only one orientation.

Use table format in PDF to display the following information. Make pdf available on Aucton in case.

Connector	Description
A 20-pin or 24-pin shielded connector	<ul style="list-style-type: none"> Connects to the motherboard The 24-pin connector has two rows of 12 pins each The 20-pin connector has two rows of 10 pins each
SATA keyed connector	<ul style="list-style-type: none"> Connects disk drives Connector is wider and thinner than a Molex connector
Molex keyed connector	<ul style="list-style-type: none"> Connects hard drives, optical drives, or other devices
15-pin keyed connector	<ul style="list-style-type: none"> Connect to legacy floppy drives Smaller than a Molex connector
4-pin to 8-pin auxiliary power connector	<ul style="list-style-type: none"> Connector has two rows of two to four pins and supplies power to different areas of the motherboard The auxiliary power connector is the same shape as the main power connector but smaller
6-8-pin PCIe power connector	<ul style="list-style-type: none"> Connector has two rows of three to four pins and supplies power to internal components

Version 6

Connectors

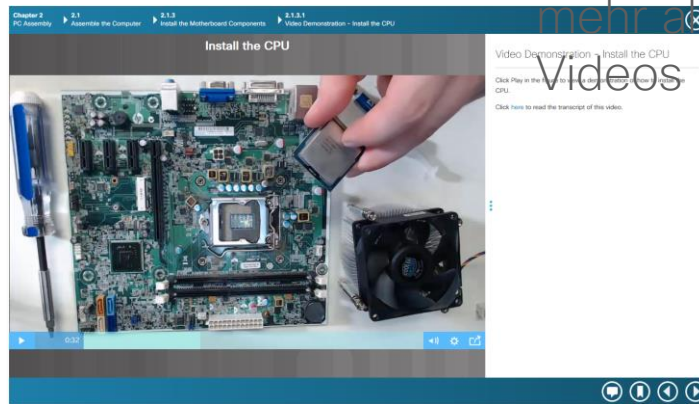
A power supply includes several different connectors, as shown in here. These connectors are used to power various internal components such as the motherboard and disk drives. The connectors are "keyed" which means that they are designed to be inserted in only one orientation.

Click each image below of more information on common power supply connectors.

Same Topic Version 7

4-5 Minutes
Videos,
mehr als 75
Videos

Mehr Videos,
weniger Text





Active Learning – mehr Aktivitäten und Quizze









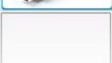

Mehr interaktive Übungen

Chapter 8 Printers > 8.1 Common Printer Features > 8.1.2 Printer Connections > 8.1.2.2 Check Your Understanding - Printer Connections

Check Your Understanding - Printer Connections

Instructions

Match each connector image to its corresponding port image. Click Check to see the answers. Click Reset to try again.

Connector Image	Port Image
<input checked="" type="checkbox"/> 	<input type="checkbox"/> 
<input checked="" type="checkbox"/> 	<input type="checkbox"/> 
<input checked="" type="checkbox"/> 	<input type="checkbox"/> 
<input checked="" type="checkbox"/> 	<input type="checkbox"/> 
<input type="checkbox"/> 	<input type="checkbox"/> 

Check
Reset

Chapter 1 Introduction to Personal Computer Hardware > 1.2 PC Components > 1.2.9 Input Devices > 1.2.9.5 Check Your Understanding: Input Devices

Check Your Understanding: Input Devices

1. What was the first type of input device?
 - Facial Recognition Scanners
 - Stylus
 - Mouse
 - Touch screen
 - Keyboard
 - Printer
2. What is the most recently invented input device in common use at the moment?
 - Facial Recognition Scanners
 - Stylus
 - Mouse
 - Touch screen
 - VR headset
 - Microphone
3. A company is building a new secure data center and wants to limit access to authorized personnel. What would be the best type of input device to use to limit access?
 - Biometric device
 - Keyboard
 - VR headset
 - Barcode scanner
 - Magstripe reader

Check
Retry

Über 90 “Self-Diagnostic Interactive Activities and Quizzes”



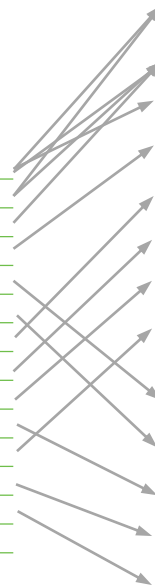
Erweiterter Kursinhalt

Version 7

Improved Flow

Version 6 Topics

1. Introduction to the Personal Computer System
2. Introduction to Lab Procedures and Tool Use
3. Computer Assembly
4. Overview of Preventive Maintenance
5. Windows Installation
6. Windows Configuration and Management
7. Networking Concepts
8. Applied Networking
9. Laptops and Mobile Devices
10. Mobile, Linux, and OS X Operating Systems
11. Printers
12. Security
13. The IT Professional
14. Advanced Troubleshooting



1. Introduction to Personal Computer Hardware
2. PC Assembly
3. Advanced Computer Hardware
4. Preventive Maintenance and Troubleshooting
5. Networking Concepts
6. Applied Networking
7. Laptops and other Mobile Devices
8. Printers
9. Virtualization and Cloud Computing **NEW!**
10. Windows Installation
11. Windows Configuration
12. Mobile, Linux, and OS X Operating Systems
13. Security
14. The IT Professional



Erweiterter Inhalt im Detail

Neue Themen

Hardware

- USB-C specifications
- Synchronization with cars
- SSO for mobile environment
- Managed and unmanaged switches
- Cloud-based network controllers
- IoT device installation and configuration
- RFID, Zigbee, Z-wave, 3G, 4G, 5G, and LTE
- IPv6 link-local addresses
- DHCP reservations
- Wireless Mesh Networks (WMN)
- QR scanners, VR headsets, and signature pads
- 3D printers and plastic filament
- Off-site email applications
- Cloud file storage services
- Virtual application streaming/cloud-based applications
- Virtual desktop
- Virtual NIC

Software

- Windows 10 (7, 8, and 8.1 remain)
- Chrome OS
- HFS and swap partition
- Control panels
- Credential Manager and Sync Center
- Active Directory Security guard
- Server locks, and USB locks
- MDM policies, port security, and certificates
- RADIUS and TACACS
- DoS, DDoS, and Rainbow table
- Change management best practices
- Disaster prevention and recovery
- Scripting basics
- Remote access technologies



Verbesserte Lernzielerfolgskontrollen

Formative and Summative Assessments

- 14 Chapter Exams
- 2 Practice Course Final Exams NEW!
- 2 Course Final Exams NEW! = compTIA+
- 1 Comprehensive Final Exam
- 5 Certification Practice Checkpoints NEW!
- 2 Certification Practice Exams



Over 1000 total questions available!

Exams are dynamically generated from pool of questions, maintaining exam integrity and validity



ITE 7 Equipment Requirements

Focus is on Microsoft Windows 10, but includes Windows 7, Windows 8 and 8.1. Only one Microsoft operating system installation media is required to complete the curriculum labs.

Curriculum requirements:

Ratio of one Lab PC per student

Lab PC Hardware Requirements:

- 1 PC Case with 300W power supply
- Intel or AMD CPU, 1 gigahertz (GHz) or faster with support for PAE, NX, and SSE2
- 1 gigabyte (GB) RAM (32-bit) or 4 GB RAM (64-bit) (2 X 1GB or 2 X 2GB suggested)
- 60 GB hard drive (minimum); 80 GB or more (recommended)
- 1 DVD-ROM (minimum), DVDR, or BD/BDR
- 1 PCI, PCIe (recommended), or AGP video card

Detailed equipment information will be available in the Instructor Lab source files and the ITE Equipment List located in the IT Essentials resources folder on netacad.com

Lab PC Repair Tools

- Phillips and Flathead screwdriver
- Electrostatic discharge (ESD) wrist strap and cord
- Safety glasses, Lint-free cloth and a Flashlight
- Thermal compound
- Wire cutters, RJ-45 Crimpers, Cable strippers and a modular cable tester
- Multimeter and power supply tester

Additional Required Lab Equipment

- 1 Internet connection for Internet searches and driver downloads
- 1 printer or integrated printer/scanner/copier for the class to share
- 1 wireless router with WPA2 support for the class to share
- 2 Wireless network adapters (compatible with the above wireless router) for the class to share
- Various USB flash drives for moving files between computers in the labs.
- Smartphones and tablets are desirable for use with the labs in the Mobile Devices chapter

IT Essentials 7

Course Overview

IT Essentials covers fundamental computer and career skills for entry-level IT jobs. Students apply skills and procedures to install, configure, and troubleshoot computers, mobile devices, and software.

Benefits

For students seeking career-oriented, entry-level hardware and software skills to prepare for technical support roles, this course aligns with the CompTIA A+ certification.

This course also serves as a foundation for CCNA-level courses.

Learning Components

- 14 chapters
- 83 hands-on labs and 128 interactive activities
- 75 videos
- 6 Cisco Packet Tracer activities
- 14 chapter exams, 2 checkpoint exam, 2 skills review exams, 2 practice final exams, 3 final exams, 2 skills-based assessment, and 7 practice exams for CompTIA A+ certification



Target Audience: Secondary and 2-year college vocational students

Prerequisites: None

Instructor Training Required: Yes

Languages: English

Course Delivery: Instructor-led

End of course documents: Certificate of Completion and Letter

Estimated Time to Complete: 70 hours

Recommended Next Course: CCNA R&S Introduction to Networks

Mehr Infos zu Kursen: <https://www.netacad.com/portal/resources/course-resources>



CCNA 7.0

Cisco Certified Network Associate

What you need to know about CCNA

Course

- New course coming in November 2019 aligned to the new CCNA cert.
- Translations to come starting mid 2020

Content

- Core: Networking and IP
- New: More Wireless, Automation, Programmability and Security.

Certification

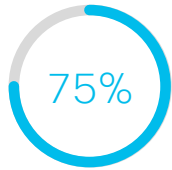
- CCNA R&S EOL 23 Feb 2020
- CCENT EOL 31 July 2020
- New CCNA cert. (1 exam only) from 24 Feb 2020

CCNA X

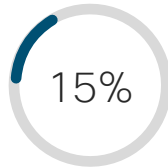
- CCNA Security course continues the same
- CCNA Security cert. EOL 23 Feb 2020
- CCNA Security = CCNA cert. + Security Training Badge from 24 Feb 2020
- CCNA Cyber Ops course and cert. continue the same

Closer Look at New CCNA

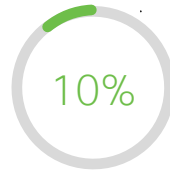
IP Foundation (Core Networking)



Security



Automation & Programmability



Solid IP foundation including coverage of digital transformation technologies

-
- Virtualization
 - Cloud
 - Wireless
 - Security
 - Automation
 - Network Programmability
 - Analytics



Align to new CCNA certification



Improved course layout to increase student engagement



Expanded use of learning tools emphasizing hands-on learning



Secure assessments with dynamic sections and items to combat cheating

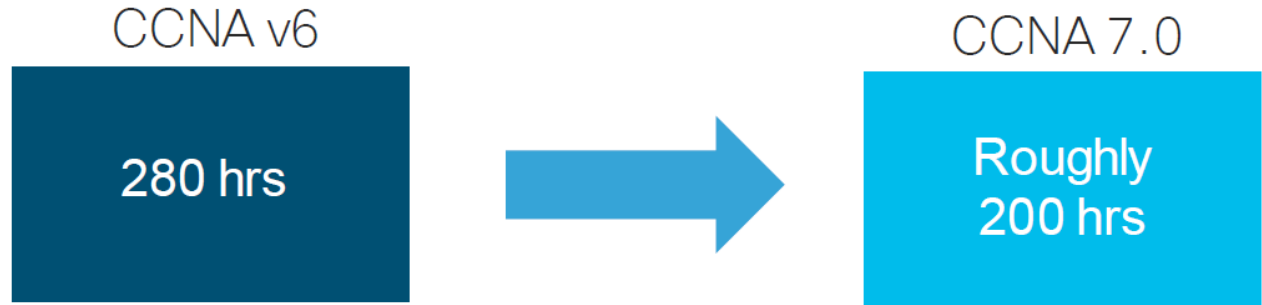


New user experience with improved accessibility conformance



NetAcad badges for course completions and passing assessments

CCNA 7.0 Instructional Content



Opportunity to accelerate path to job readiness

New CCNA 7.0 Course Evolution

CCNA v7 Course #1	CCNA v7 Course #2	CCNA v7 Course #3
<p>Based on CCNA 6.0 Intro to Networking (ITN)</p>	<p>Blend of CCNA 6.0 ...</p> <ul style="list-style-type: none">✓ Routing and Switching Essentials (RSE)✓ Scaling Networks (ScaN)✓ + New topics*	<p>Blend of CCNA 6.0 ...</p> <ul style="list-style-type: none">✓ Routing and Switching Essentials (RSE)✓ Scaling Networks (ScaN)✓ Connecting Networks (CN)✓ + New topics**
<p>Minor updates and refinements</p>	<p>*Addition of WLAN and Security topics</p>	<p>**Addition of Automation, Programmability, VPN, and Security topics</p>

CCNA 7.0 Course Outlines

CCNA v7 Course #1
Networking Today
Basic Switch and End Device Configuration
Protocol Models
Physical Layer
Number Systems
Data Link Layer
Ethernet Switching
Network Layer
Address Resolution
Basic Router Configuration
IPv4 Addressing
IPv6 Addressing
ICMP
Transport Layer
Application Layer
Network Security Fundamentals
Build a Small Network

CCNA v7 Course #2
Basic Device Configuration
Switching Concepts
VLANs
Inter-VLAN Routing
STP
Etherchannel
DHCPv4
SLAAC and DHCPv6 Concepts
FHRP Concepts
LAN Security Concepts
Switch Security Configuration
WLAN Concepts
WLAN Configuration
Routing Concepts
IP Static Routing
Troubleshoot Static and Default Routes

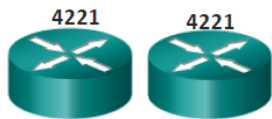
CCNA v7 Course #3
Single-Area OSPFv2 Concepts
Single-Area OSPFv2 Configuration
WAN Concepts
Network Security Concepts
ACL Concepts
ACLs for IPv4 Configuration
NAT for IPv4
VPN and IPsec Concepts
QoS Concepts
Network Management
Network Design
Network Troubleshooting
Network Virtualization
Network Automation

 New/significantly changed content

New CCNA 7.0 Removed topics

- IPv6 Routing
- EIGRP
- OSPFv3
- PSPF Multi Area
- BGP
- PPPoE
- IPv6 ACL
- SPAN
- DMVPN
- Multi VLANs
- Switch Stacking
- Password Recovery

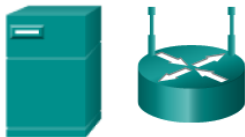
CCNA 7.0 Recommended Lab Bundle (2nd draft S&S)



(2) 4221 - Configure and verify static routing and OSPFv2 single area
*3-router configurations for OSPF presented in PT



(2) 2960 Switches - Configure and verify EtherChannel, VLANs, etc.
*3-switch configurations for RSTP or EtherChannel presented in PT



(1) Server
(1) Generic Wireless Router - Create a wireless LAN
* WLC GUI configuration in PT and Interactive Activity



Various types of wireless and wired end devices

CCNA Instructor Qualification Mapping

CCNA R&S v6 Course Qualification(s)	CCNA v7 Qualification Earned	Materials to Review*
CCNA 1 (Intro to Networks)	CCNA 1	No additional
CCNA 1 (Intro to Networks) CCNA 2 (Routing & Switching Essentials)	CCNA 1 CCNA 2	CCNA2 v7
CCNA 1 (Intro to Networks) CCNA 2 (Routing & Switching Essentials) CCNA 3 (Scaling Networks)	CCNA 1 CCNA 2 CCNA 3	CCNA3 v7 + Bridging Course
CCNA 1 (Intro to Networks) CCNA 2 (Routing & Switching Essentials) CCNA 3 (Scaling Networks) CCNA 4 (Connecting Networks)	CCNA 1 CCNA 2 CCNA 3	Bridging Course

*Self-enroll in the IPD Week class at <http://cs.co/ipd20>

CCNA v7 Migration Guidance (draft)

Pre-Nov 2019

Dec+ 2019

Continue with CCNA v6

Academy Offering	Scenario	Recommendation
Teach CCNA 1 & 2 Only	Start teaching 1 or 2	<ol style="list-style-type: none">1. Switch to CCNA v72. If not possible or need to stay aligned with CCENT, continue with CCNA v6
Teach CCNA 1-4	Start teaching 1 or 2	<ol style="list-style-type: none">1. Switch to CCNA v72. If not possible or need to stay aligned with CCENT, continue with CCNA v6
	Start teaching 3 or 4	<ol style="list-style-type: none">1. Switch to CCNA 3 v7 + Bridging course2. If not possible, continue with CCNA v6 + Bridging course

CCNA 7.0 – First Look

- Early visibility of content modules for partners and instructor trainers
- Content in pre-release format, not in final fully assembled or packaged format
- Help with transition and planning
- Learn Engineering review site will allow preview of new GUI environment
- Phased availability beginning with **new** content modules
- Initial batch (7 new modules) posted week of 9/23, then continuing through GA

CCNA v7 Course #2	CCNA v7 Course #3
Basic Device Configuration	Single-Area OSPFv2 Concepts
Switching Concepts	Single-Area OSPFv2 Configuration
VLANs	WAN Concepts
Inter-VLAN Routing	Network Security Concepts
STP	ACL Concepts
Etherchannel	ACLs for IPv4 Configuration
DHCPv4	NAT for IPv4
SLAAC and DHCPv6 Concepts	VPN and IPsec Concepts
FHRP Concepts	QoS Concepts
LAN Security Concepts	Network Management
Switch Security Configuration	Network Design
WLAN Concepts	Network Troubleshooting
WLAN Configuration	Network Virtualization
Routing Concepts	Network Automation
IP Static Routing	
Troubleshoot Static and Default Routes	

 New/significantly changed content

eMail to Eugene
to enroll as
instructor

September 6th

CCNA 7.0 GTM Training Course #1

Online course for
field & partners

On NetAcad.com. All
GFO & Partners will
be enrolled.

Course #2 Coming in October

CCNA 7.0 Go To Market Training Course #1

Course #1 Table of Contents

As noted, this is the first of two courses. The table of contents for this course is below. Course #2 table of contents can be found on the next page.

1. Unleashing the Full Capabilities of the New Network

Learn what the new network is and how Cisco certifications are changing.

2. Improving Networking Academy Offerings

Get the details on the planned changes to Academy offerings including CCNA, CCNP, CCNA Security, & CCNA CyberOps.

3. Early Look: The New CCNA 7.0

Dive deeper into the improvements currently under development for the CCNA 7.0 Offering.

4. Regional Perspectives

Hear from the Networking Academy Regional Managers about the opportunities they see in their regions.

5. Transition Planning for Partners

Tools and resources, and suggested ways of using them to communicate and prepare academies and instructors.

5. Schedule & Resources

Keep up to date on the key dates for transition and learn about resources currently available and coming.



Includes messages from:

- Laura Quintana
- Piotr Pluta
- Regional Managers



or from your homepage

<http://cs.co/netacadccna7>

New Courses and Certifications for 2020

Available Resources

Available Now

NetAcad FAQ and Scope and Sequence, are organized by language folders below:

العربية | English | 中文 | Français | Portuguese-Brazilian | русский | Español

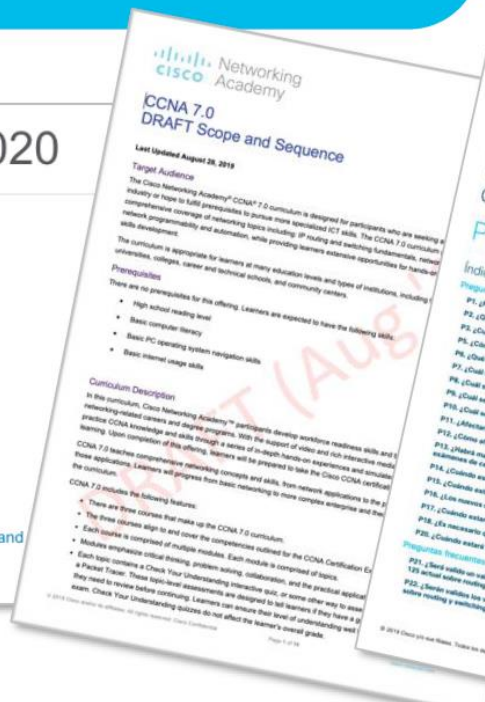
Additional Documents

- [FAQ: Cisco New Certifications](#)
- [NetAcad Product Team Overview Video & PPT](#)

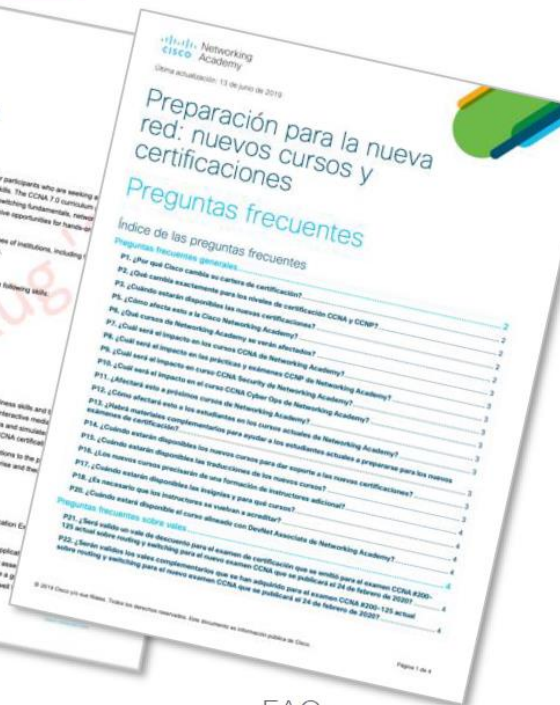
Communication Updates

- [Jul 17: NetAcad.com Platform Releases and latest Translation Resources Available](#)
- [Jul 1: CCENT Exam Deadline Extended for NetAcad Students to Jul 2020; Draft Scope and Sequence; and](#)
- [Jun 26: Business as Usual plus CCNA Cybersecurity Operations remains aligned to Certification](#)

- Consistently updated
- Links to all resources



Scope & Sequence



FAQs

new landing page on NetAcad.com <https://www.netacad.com/group/resources/launch>

Curriculum
Description



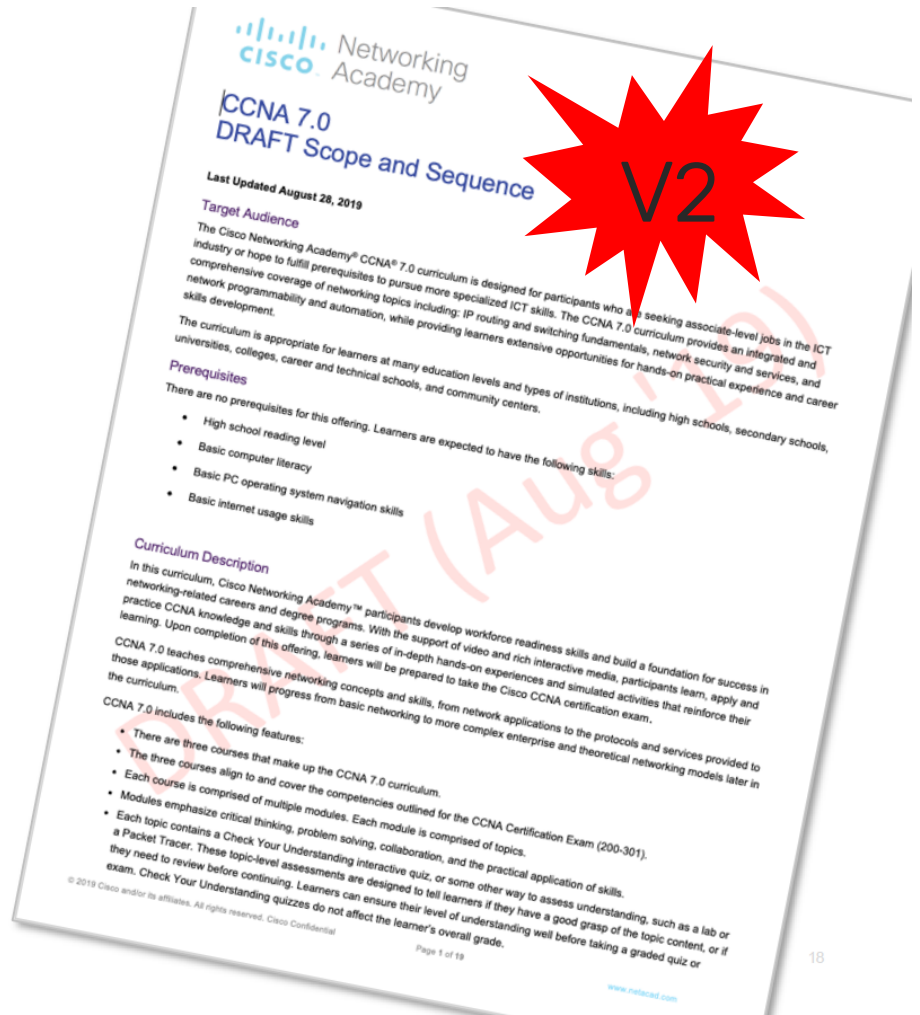
Lab Equipment
Requirements



CCNA v7.0
Curriculum Outline



- General availability for all instructors August 27 on NetAcad.com



New CCNAv7. Topic delivered in May 2019

CCNA 7 – Technical Sessions



Topic	Session	Recording	Presentation
Network Automation	Getting to know Cisco DNA Center		
	Puppet, Chef and Ansible		
	REST API and JSON Encoded Data		
	SDN an Open Source Demo		
Wireless	WLAN Fundamentals		
	Wireless Security		



NetAcad IPD Week

September 23-27, 2019

IPD Week FY20



Join us quarterly in the Instructor Professional Development Week.

Our next IPD Week will be 23 - 27 September 2019.

Click below to register for September sessions.

Global Sessions	Localized Sessions		
English  Program Updates [Check the agenda]	 العربية	 Bahasa	 中文
	 Deutsch	 Dutch	 Español
	 Français	 Hindi	 Italiano
English  Technical Sessions [Check the agenda]	 Polski	 Português	 Русский
	 Sinhalese	 Telugu	 Türkçe
	 Urdu	 Українська	

IPD Week Course Enrollment Link <http://cs.co/IPD20>



49 IPD sessions:

- 12 English
- 37 localized

18 languages

Focus of the week:

- CCNAv7 Tech. Topics such as Network Security, LAN Security, Virtualization, Cloud Computing
- New CCNA Certification
- IT Essentials v7

Want to Learn More about CCNA v7?

1. IPD Week Course <http://cs.co/IPD20>

2. Select



3. Register

Program Update Special Session 1 - CCNA v7	Date: 25 September Time: 3:00 p.m. UTC 4:00 pm London, 8:00 am San Francisco, 7:00 pm Abu Dhabi, Muscat 11:00 pm Singapore	Greg Cote & Nilay Ghoghari	Register
Program Update Special Session 2 - CCNA v7	Date: 26 September Time: 3:30 a.m. UTC 4:30 am London, 8:30 pm San Francisco (25 September), 7:30 am Abu Dhabi, Muscat 11:30 am Singapore	Greg Cote & Nilay Ghoghari	Register



FY20 IPD Week Dates

23 - 27
September
2019

9 - 13
December
2019

17 - 21
February
2020

11 - 15
May
2020



Neue Zertifikate

Cisco's new certification suite – neue Zertifikate

Cisco Certifications - ab 24. Februar 2020

Associate Level

Specialist Level

Professional Level

Expert Level

**Networking
Engineers**



**Software
Developers**



Zertifikatswechsel

Entry

No Certification credential
CCT

Associate

CCNA R&S	➔	New CCNA
CCNA Cyber Ops	➔	Continues
CCNA Security		
CCNA Cloud		
CCNA Collaboration		
CCNA Data Center	Training credential	
CCDA		
CCNA Industrial		
CCNA Service Provider		
CCNA Wireless		

Professional

CCNP R&S
CCNP Cloud
Streamlined to 5 Technology tracks:
• Enterprise
• Security
• Data Center
• Collaboration
• Service Provider
CCNP Service Provider
CCNP Wireless

Expert

CCIE Collaboration
Streamlined to 5 Technology tracks:
• Enterprise
• Security
• Data Center
• Collaboration
• Service Provider
CCIE Service Provider
CCIE Wireless

! Kursmaterialien des CCNA v6 bleiben mindestens bis 31.12.2021 weiter verfügbar!

Zertifikatsumstellung

Announcement

June 10, 2019



New certifications,
continuing education
and training badges
go live

February 24, 2020



Letzte Zertifikatsprüfung
CCENT: 31.07.2020

ab 31.07.2020 gibt es kein
CCENT-Zertifikat mehr

Letzte Zertifikatsprüfung CCNA
v6: 23.02.2020

ab 24.02.2020 nur noch
Zertifikatsprüfung CCNA
Version 7

! Kursmaterialien des CCNA v6 bleiben mindestens bis 31.12.2021 weiter
verfügbar!

