

Course and Technical Updates

Eugene Morozov, Cisco NetAcad

20. Nationaler Akademietag der Bildungsinitiative Networking
22./23. April 2021

Agenda

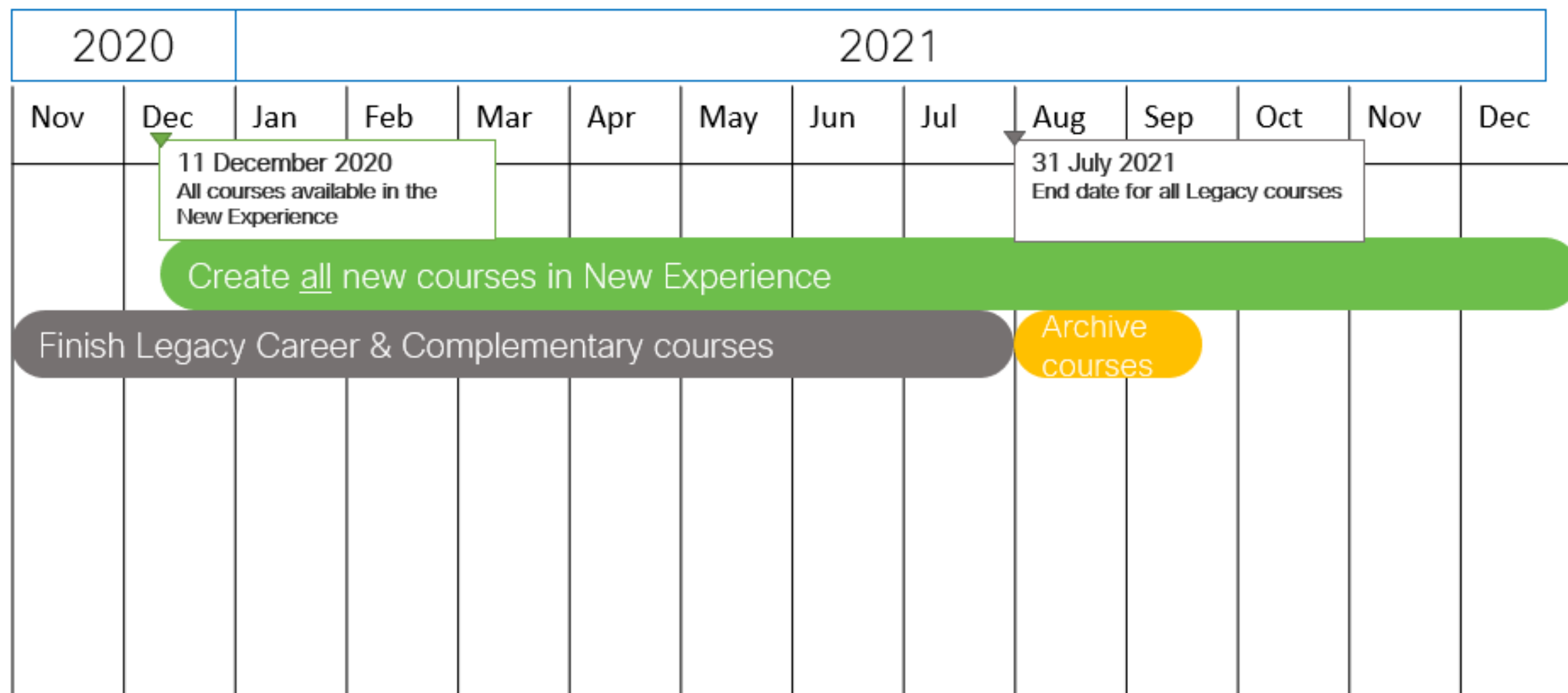
- 1 LMS Updates
- 2 Webex For NetAcad
- 3 CE Credits
- 4 CyberOps Associate
- 5 DevNet Associate
- 6 New CCNA 7.02 & PT 8
- 7 Instructor Professional Development



LMS Updates



LMS Transition - Phase 2 Milestones



Easing the LMS Transition

All legacy courses ending by 31 July 2021



Plan to **complete legacy courses** by 31 July 2021

Inform students of the need to finish them up
For students who will be unable to finish, enroll them in a new course in created in the new experience



Pull all customizations before courses are archived

Custom assignments and assessments
Export question banks
Download PDFs, PowerPoints, Videos, etc.



Finalize the gradebook before courses are archived

Finalize grades
Mark students complete



Export the gradebook before courses are archived

Keeping Partners and Instructors Informed



Partner meetings

- Apr Partner Forum



IPD Week Session

- 2/24 IPD Week Session



Partner Newsletters

- Monthly



News & Events Articles

- Monthly
- As new features released



Self guided video tour

- Updated as new features released
- cs.co/netacad-tour



Course Availability Page

- Updated as new courses released
- cs.co/course-updates



Platform Updates Hub

- cs.co/netacad-hub



Assessment Activation Updates – December 2020

- Assessment activation maximum attempts are now course based (within course) instead of global (across all courses).
- What does this mean: You no longer have to track down another instructor, locate an old class or contact the Support for incomplete or troublesome previous activations!! 🎉



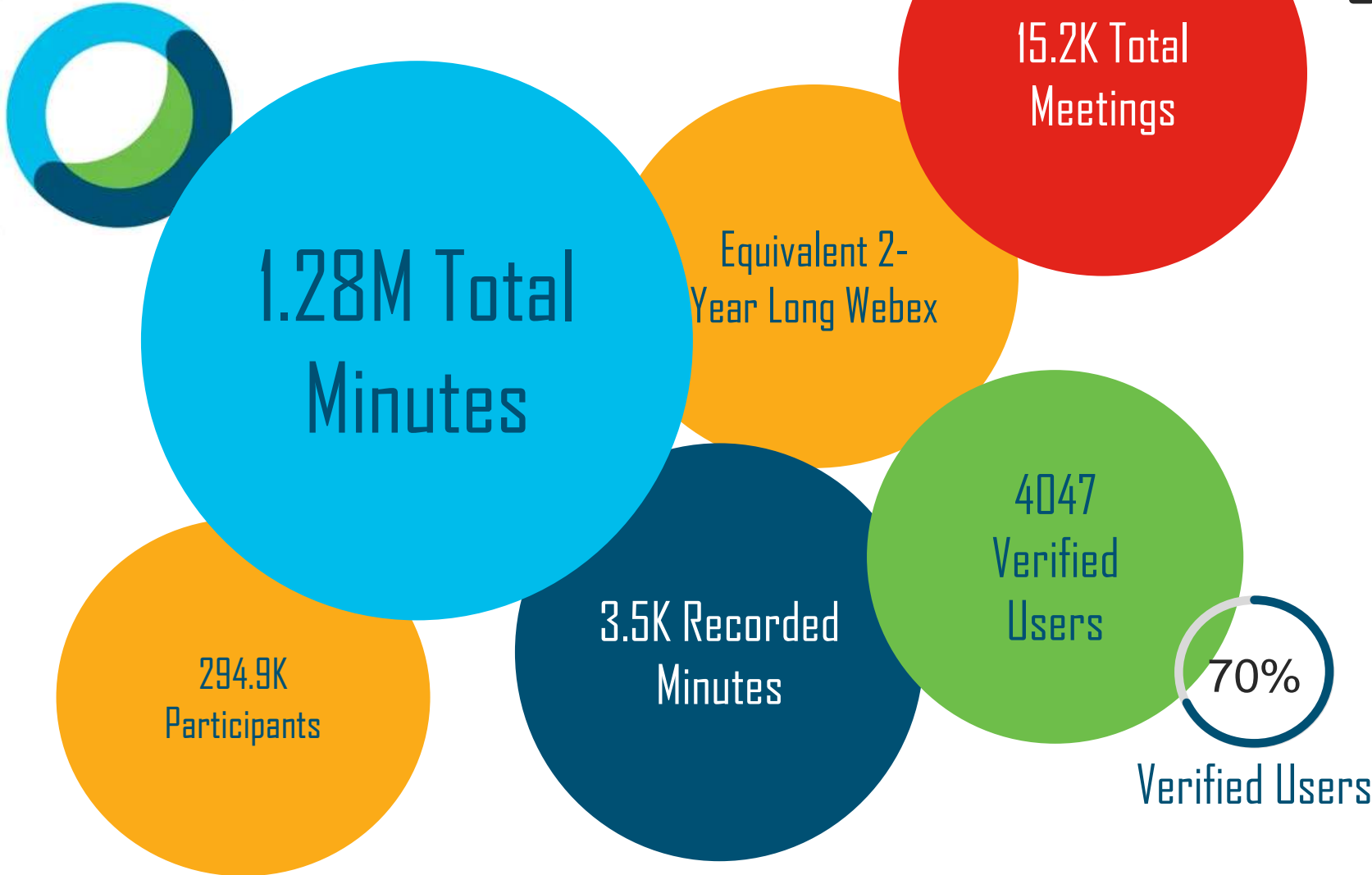
Webex for Netacad



NetAcad Webex – Key Elements

- Eligibility: Cisco Career and Training instructors that have started a class on or after July 26th, 2020 without an existing Webex account linked to their NetAcad Instructor email address
- Full enterprise capabilities
- Including unlimited number of minutes, includes Meetings, Training and Events with **1,000** attendees per event.
- No dial-in/dial-out capabilities (VoIP enabled)
- Entirely managed by NetAcad. All instructor inquiries should be sent to the NetAcad helpdesk.

Webex 4 NetAcad Statistics



Meeting Mins. per Month	
1)	March - 497.66K
2)	February - 257.78K
3)	January - 149.62K
4)	December - 75.36K

Top 3 Participant Locations	
1)	India
2)	Indonesia
3)	Turkey

Signup for Webex for NetAcad

- The process for provisioning an account is now completely automated!
- Before the automated process was in place, there was just a couple people provisioning over 9000 accounts in batches manually.
- Now, an instructor can control their eligibility and request a license directly through their profile.
- NetAcad Support will help with any technical difficulties.

View your current eligibility status - Ineligible

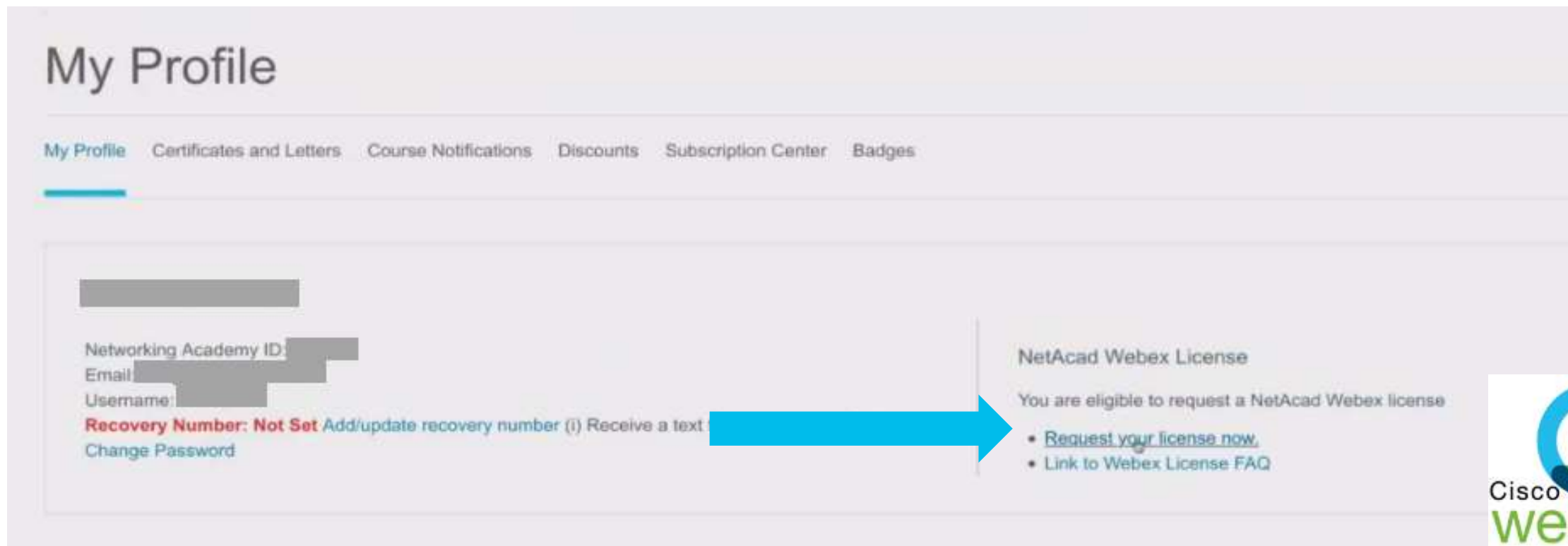
Under “My Profile on netacad.com, there is a section labeled NetAcad Webex License. Here you can view your current eligibility status for a Webex account. Below is an example of being ineligible.

The screenshot shows the 'My Profile' page on netacad.com. The navigation bar includes 'My Profile', 'Certificates and Letters', 'Course Notifications', 'Discounts', 'Subscription Center', and 'Badges'. The 'My Profile' section is active. On the left, there is a user profile summary with redacted information for Networking Academy ID, Email, and Username. Below this, there are links for 'Recovery Number: Not Set', 'Add/update recovery number', and 'Change Password'. A large blue arrow points from the 'Recovery Number' section towards the 'NetAcad Webex License' section on the right. The 'NetAcad Webex License' section displays the message: 'You are not currently eligible to request a NetAcad Webex license' and includes a link to the 'Webex License FAQ'.



View your current eligibility status - Eligible

Below is an example of being eligible for a Webex account. Once you are eligible, a button will appear that says, “Request your license now”.



The screenshot displays the 'My Profile' page with a navigation menu including 'My Profile', 'Certificates and Letters', 'Course Notifications', 'Discounts', 'Subscription Center', and 'Badges'. The 'My Profile' section is active. On the left, user information is shown with some fields redacted: Networking Academy ID, Email, Username, and a 'Recovery Number: Not Set' with a link to 'Add/update recovery number (i)'. Below this is a 'Change Password' link. A large blue arrow points from the 'Recovery Number' area to the right-hand section. The right-hand section is titled 'NetAcad Webex License' and contains the text 'You are eligible to request a NetAcad Webex license' followed by two bullet points: 'Request your license now' and 'Link to Webex License FAQ'. The Cisco Webex logo is visible in the bottom right corner of the screenshot.

Requesting your Webex License

After clicking “Request your license now”, the next page will have a disclaimer along with a link to the Cisco End User License Agreement. By clicking “Request a License”, you are agreeing to the terms of the agreement.

Your activation link will then be sent to your NetAcad email address. Please be sure to activate your account within 24 hours.

Request a Networking Academy Webex License

Congratulations, you are eligible to request a Networking Academy Webex license.

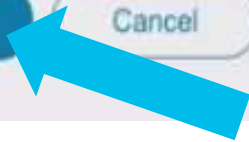
Upon clicking the "Request" link, the following terms will be applicable:

Instructors currently teaching a Cisco Career & Training (CCT) course and who currently do not have an existing WebEx license will be granted a Networking Academy WebEx license. Instructors who fail to activate their license within 1 month of receiving it and/or who have not taught at least one CCT course in the last 6 months will lose their license and it will automatically revert back to Cisco without notice. Instructors receiving a Networking Academy WebEx license shall use such license to support their CCT training. Cisco reserves the right to activate/deactivate its WebEx licenses at any time.

Any WebEx license granted is otherwise subject to the Cisco End User License Agreement available at https://www.cisco.com/c/en/us/about/legal/cloud-and-software/end_user_license_agreement.html

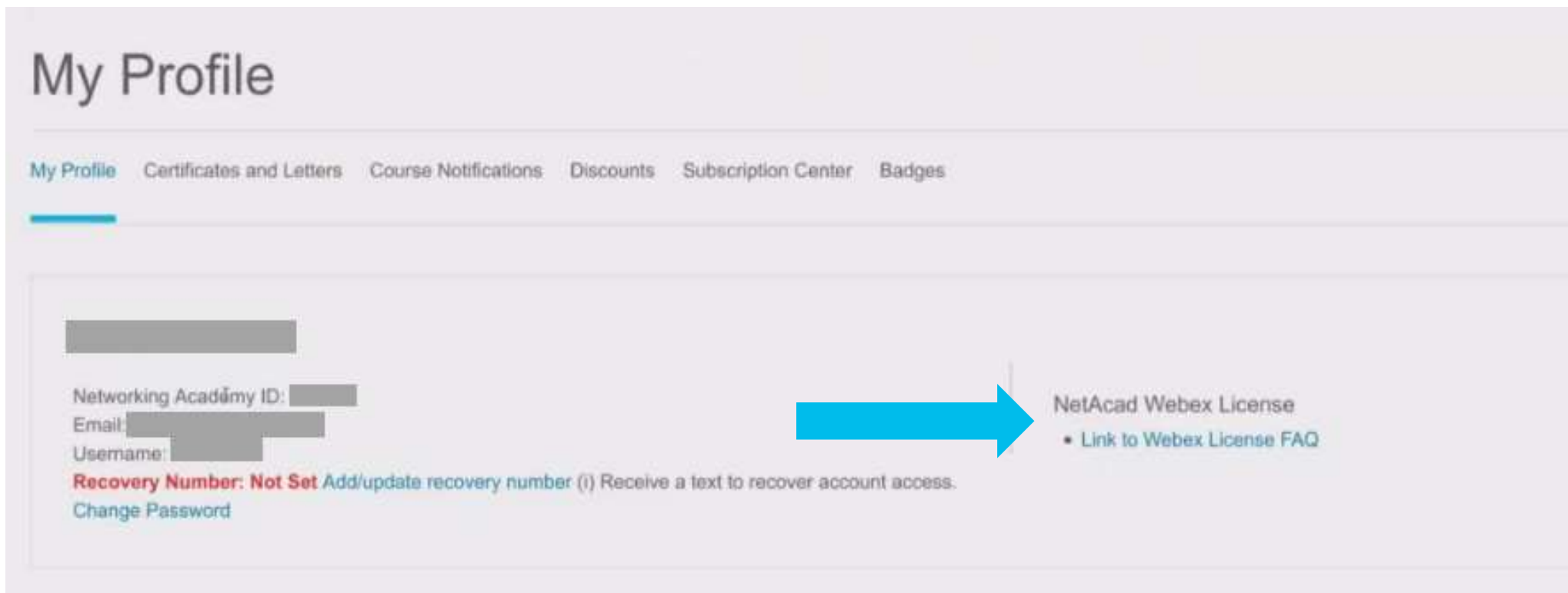
Request a License

Cancel



“My profile” view after receiving an account

Once an account has been provisioned, your profile will no longer show an eligibility status or option to request an account. All that will show is a link to the FAQ posted at <http://cs.co/webex4netacad>



The screenshot displays the 'My Profile' page with a navigation menu at the top: 'My Profile', 'Certificates and Letters', 'Course Notifications', 'Discounts', 'Subscription Center', and 'Badges'. The 'My Profile' tab is active. Below the navigation, the profile information is shown with redacted fields: 'Networking Academy ID: [redacted]', 'Email: [redacted]', and 'Username: [redacted]'. A red warning message states: 'Recovery Number: Not Set Add/update recovery number (i) Receive a text to recover account access.' Below this is a 'Change Password' link. On the right side, there is a section titled 'NetAcad Webex License' with a bullet point: '• Link to Webex License FAQ'. A large blue arrow points from the profile information area towards the 'Link to Webex License FAQ'.

Important to Note



Cisco Webex

Enter your email address

test@email.com

Sign In

- NetAcad Webex accounts may only provision an account if there are no other accounts associated with the instructor NetAcad email address.
- To check if there is an account, or to delete a free account, visit the website below and enter the email address at **settings.webex.com**. Complete the login information and proceed to delete the account by following the instructions provided in the link below.
- <https://help.webex.com/en-us/yjrmmp/Webex-Delete-Your-Free-Account>

Continuing Education (CE) Credits



Cisco Continuing Education (CE) Program

- CE credits can be used for certification renewal

Certification Level & Duration	Exam Only	Exam and Continuing Education Options
Associate – 3 years	<ul style="list-style-type: none">• Pass any one associate exam• Pass any one professional concentration exam• Pass one technology core exam• Pass one CCIE lab exam	<ul style="list-style-type: none">• Earn 30 CE credits
Specialist – 3 years	<ul style="list-style-type: none">• Pass any one professional concentration exam• Pass one technology core exam• Pass one CCIE lab exam	<ul style="list-style-type: none">• Earn 40 CE credits
Professional – 3 years	<ul style="list-style-type: none">• Pass one technology core exam• Pass any two professional concentration exams• Pass one CCIE lab exam	<ul style="list-style-type: none">• Pass any one professional concentration exam and earn 40 CE credits or;• Earn 80 CE credits

<https://www.cisco.com/c/en/us/training-events/training-certifications/recertification-policy.html#~how-to-recertify>

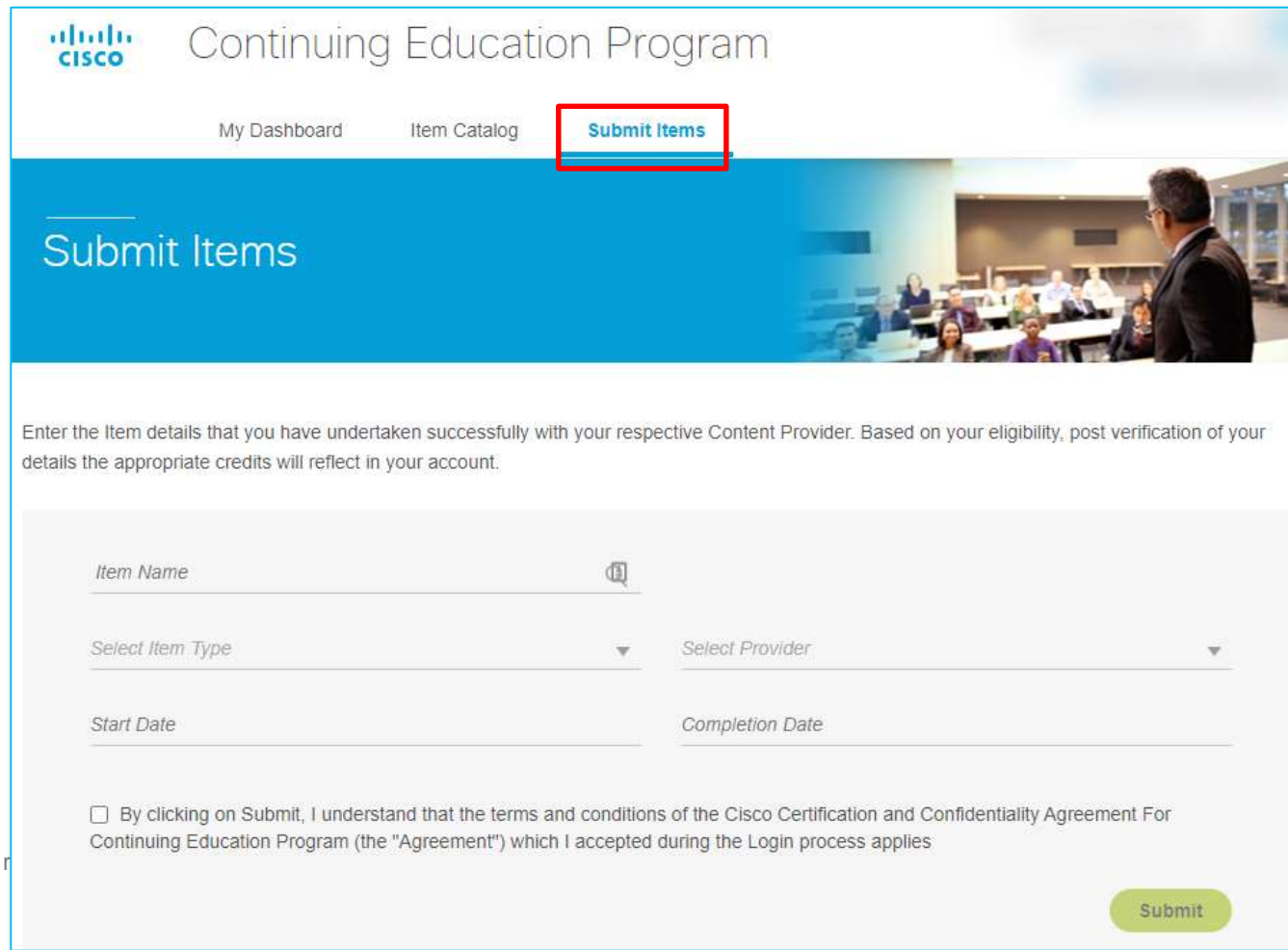
NetAcad Courses Eligible for CE Credits


- CE credit eligibility uses same criteria as badging

NetAcad Course	CE Credits Earned
CyberOps Associate	30 credits
DevNet Associate	40 credits
CCNP Enterprise: Core Networking	64 credits
CCNP Enterprise: Advanced Routing	40 credits

Continuing Education (CE) Credit Submission

- CE Portal – ce.cisco.com
- Click on **Submit Items**






 Continuing Education Program

[My Dashboard](#) [Item Catalog](#) **[Submit Items](#)**

Submit Items

Enter the Item details that you have undertaken successfully with your respective Content Provider. Based on your eligibility, post verification of your details the appropriate credits will reflect in your account.

Item Name 

Select Item Type  *Select Provider* 

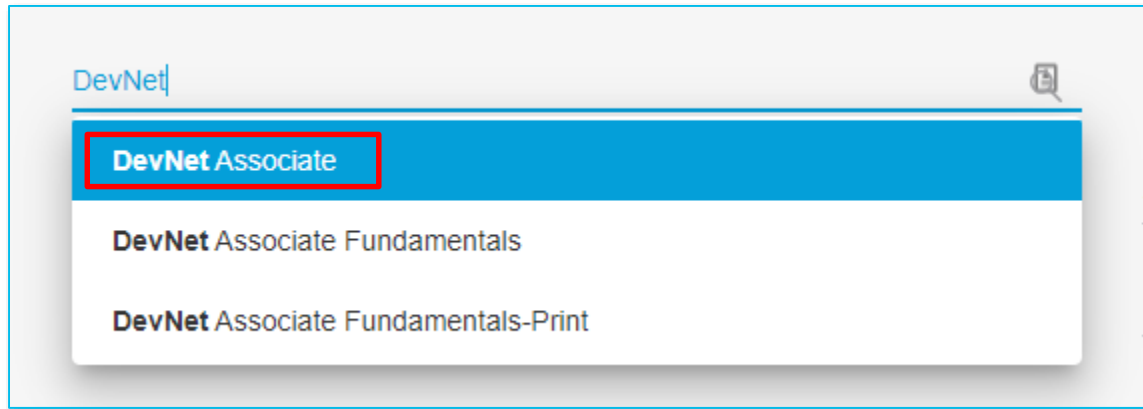
Start Date *Completion Date*

By clicking on Submit, I understand that the terms and conditions of the Cisco Certification and Confidentiality Agreement For Continuing Education Program (the "Agreement") which I accepted during the Login process applies

Submit

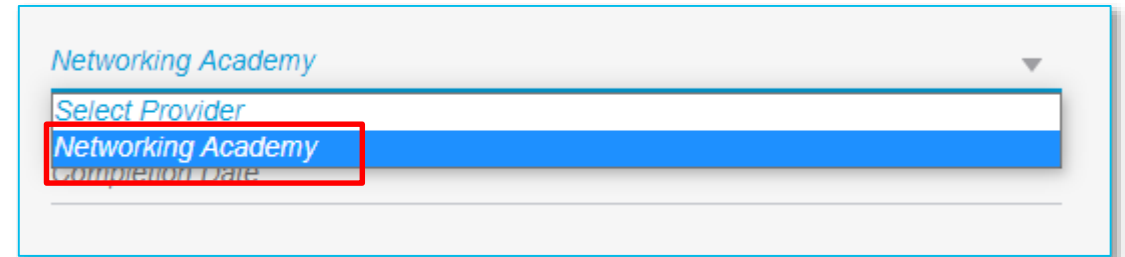
Continuing Education (CE) Credit Submission

Item Name must match NetAcad course name



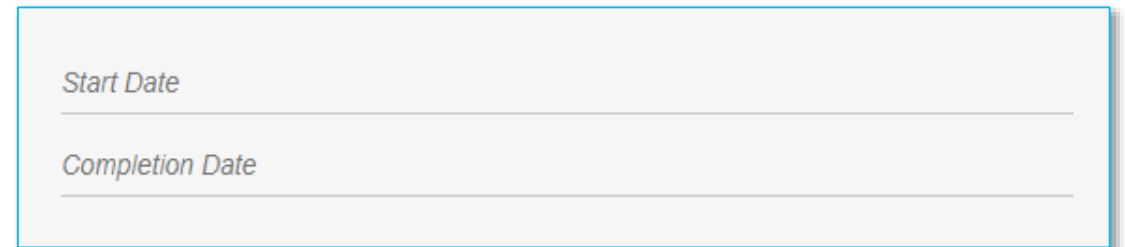
A search input field contains the text 'DevNet'. Below it, a dropdown menu is open, showing three options: 'DevNet Associate' (highlighted with a red box), 'DevNet Associate Fundamentals', and 'DevNet Associate Fundamentals-Print'.

Select Provider is Networking Academy



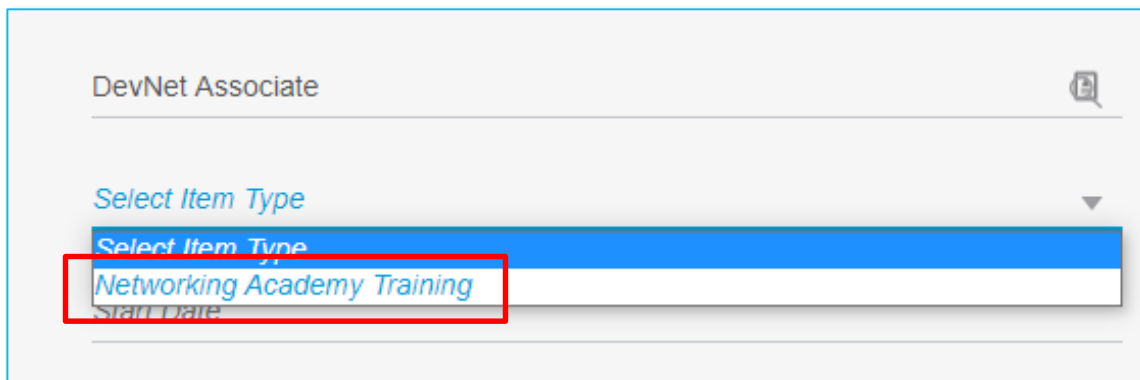
A dropdown menu is open, showing the text 'Networking Academy' at the top. Below it, a search input field contains the text 'Select Provider'. Below the search field, a dropdown menu is open, showing three options: 'Select Provider', 'Networking Academy' (highlighted with a red box), and 'Completion Date'.

Start and Completion Dates should match dates of the course on NetAcad.com



Two input fields are shown, one labeled 'Start Date' and one labeled 'Completion Date', both with empty text boxes below them.

Item Type is Networking Academy Training



A search input field contains the text 'DevNet Associate'. Below it, a dropdown menu is open, showing the text 'Select Item Type' at the top. Below the search field, a dropdown menu is open, showing three options: 'Select Item Type', 'Networking Academy Training' (highlighted with a red box), and 'Start Date'.

- Requests will be processed on the backend by NetAcad team. Please allow 7 – 14 days for processing.
- You will receive two emails:
 1. Submission confirmation
 2. Approval or denial of request

CyberOps Associate



CyberOps Associate

Course Overview

This course introduces the core security concepts and skills needed to monitor, detect, analyze, and respond to cybercrime, cyberespionage, insider threats, advanced persistent threats, regulatory requirements, and other cybersecurity issues facing organizations.

Benefits

Gain practical, hands-on skills needed to maintain and ensure security operational readiness of secure networked systems.

Prepare for Careers

- ✓ Develop skills for entry-level security operations center (SOC) jobs
- ✓ Prepare for CyberOps Associate certification
- ✓ Pursue a career in cybersecurity operations, a rapidly-growing, exciting new area that spans all industries

Course Details

Target Audience: Students enrolled in technology degree programs at higher education institutions; IT professionals who wants to pursue a career in Security Operations

Estimated Time to Completion: 70 hours

Recommended Preparation: Introduction to Cybersecurity, Cybersecurity Essentials

Course Delivery: Instructor-led

Learning Component Highlights:

- ✓ 28 Modules and 46+ hands-on labs
- ✓ 113 interactive activities, videos, & quizzes
- ✓ 6 Cisco Packet Tracer activities
- ✓ 1 practice certification exam

Course Recognitions: Certificate of Completion, Letter of Merit, Digital Badge

Recommended Next Course: CCNA Security, IoT Security



Cybersecurity



Requirements & Resources

- **ASC Alignment Required:** Yes
- **Instructor Training Required:** Yes
- **Physical Equipment Required:** No (Uses Virtual Machines on the student's computer)
- **Voucher Availability:** Yes

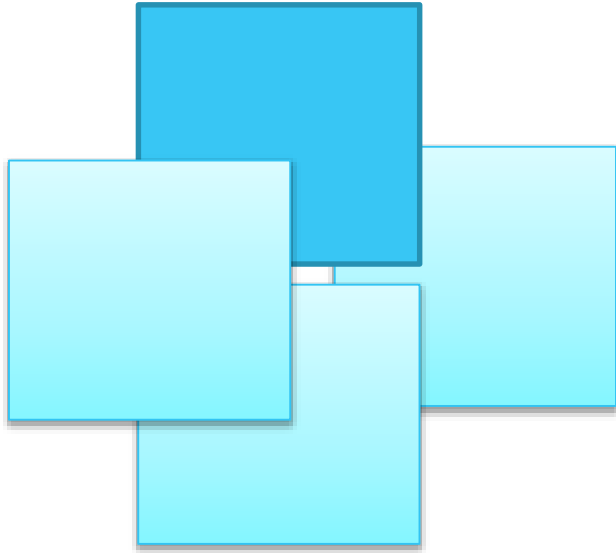


Certification Aligned
[Cisco Certified CyberOps Associate](#)

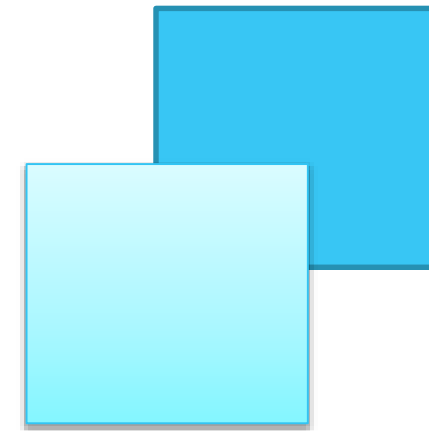


Equipment Requirements

CCNA CyberOps - 4 VM's



CyberOps Associate - 2 VM's



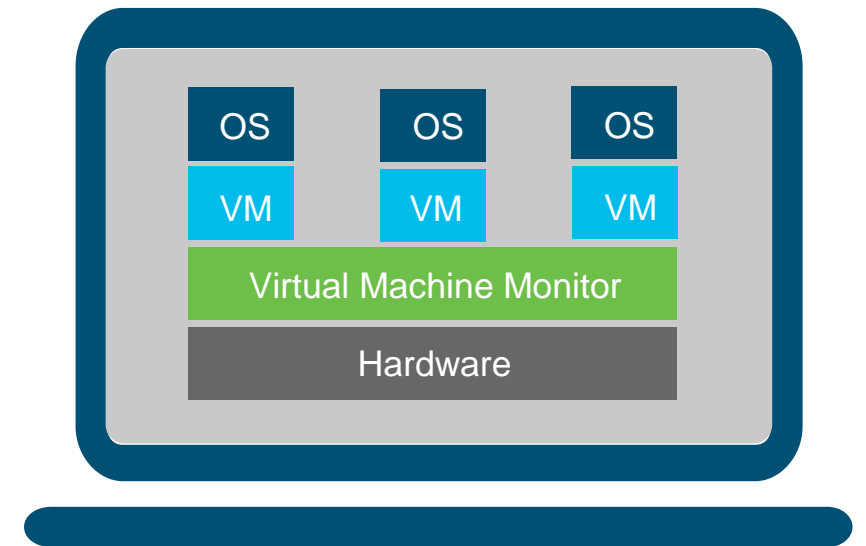
Simplified Lab Setup

- Streamlined VMs - removed Kali and Metasploitable VMs to simplify and conserve resource use
- More closely aligns with a company



Equipment Requirements

Virtual Machine	Disk Space	RAM
CyberOps Workstation VM	7 GB	1 GB
Security Onion VM (ELK tool)	20 GB	4 GB Min /8GB Recommended



Lab Setup



CyberOps and DevNet Instructor Training Options

Option 1:

Novice
Instructors

ITC Value-Added Training

ITC Proctored
Final Exams

Training by Cisco Networking Academy Qualified Instructor Trainers

Opportunity to obtain:

- ✓ Accreditation to Teach
- ✓ Certificate of Course Completion
- ✓ Letter of Merit
- ✓ Learning Badge
- ✓ Certification Voucher



Option 2:

Experienced
Instructors

Online Self-Paced
Training Course
enrollment link via
Course Resources

**Flexible solution for
experienced instructors**

Accreditation
Option 2a

ITC Proctored
Final Exams

**Final Exam and Skills
Assessment**

Opportunity to obtain:

- ✓ Accreditation to Teach
- ✓ Certificate of Course Completion
- ✓ Letter of Merit
- ✓ Learning Badge

Accreditation
Option 2b

Cisco Certification

Opportunity to obtain:

- ✓ Accreditation to Teach

DevNet Associate



Let's build the IT Team of the Future!

Networking



Cybersecurity



Infrastructure
Automation



DevNet Associate 1.0

Course Overview

This course introduces the methodologies and tools of modern software development, applied to the IT and Network operations. It covers a 360 view of the domain including microservices, testing, containers and DevOps, as well as securely automating infrastructures with Application Programming Interfaces (APIs).

Benefits

Gain practical, relevant, hands-on lab experience, including programming in Python, using GIT and common data formats (JSON, XML and YAML), deploying applications as containers, using Continuous Integration/Continuous Deployment (CI/CD) pipelines and automating infrastructure using code.

Prepare for Careers

- ✓ Develop skills for entry-level software development and infrastructure automation jobs
- ✓ Prepare for DevNet Associate certification exam

Course Details

Target Audience: Secondary vocational students, 2-year and 4-year college students and participants of coding bootcamps

Estimated Time to Completion: 70 hours

Recommended Preparation:

Coding skills, equivalent to:

PCAP: Programming Essentials in Python

Fundamental skills of networking, equivalent to:

CCNA: Introduction to Networks

Course Delivery: Instructor-led

Learning Component Highlights:

- ✓ 8 Modules with 6 Videos, 23 Hands-on Labs and 5 Cisco Packet Tracer Activities
- ✓ 8 Quizzes, 8 Module Exam, Practice Final Exam, Final Exam, Skills Based Assessment
- ✓ Practice Exam for DEVASC Certification

Course Recognitions: Certificate of Completion, Letter of Merit, Digital Badge, Cert Voucher

Recommended Next Course:

CCNA, CCNP or CyberOps Associate



Requirements & Resources

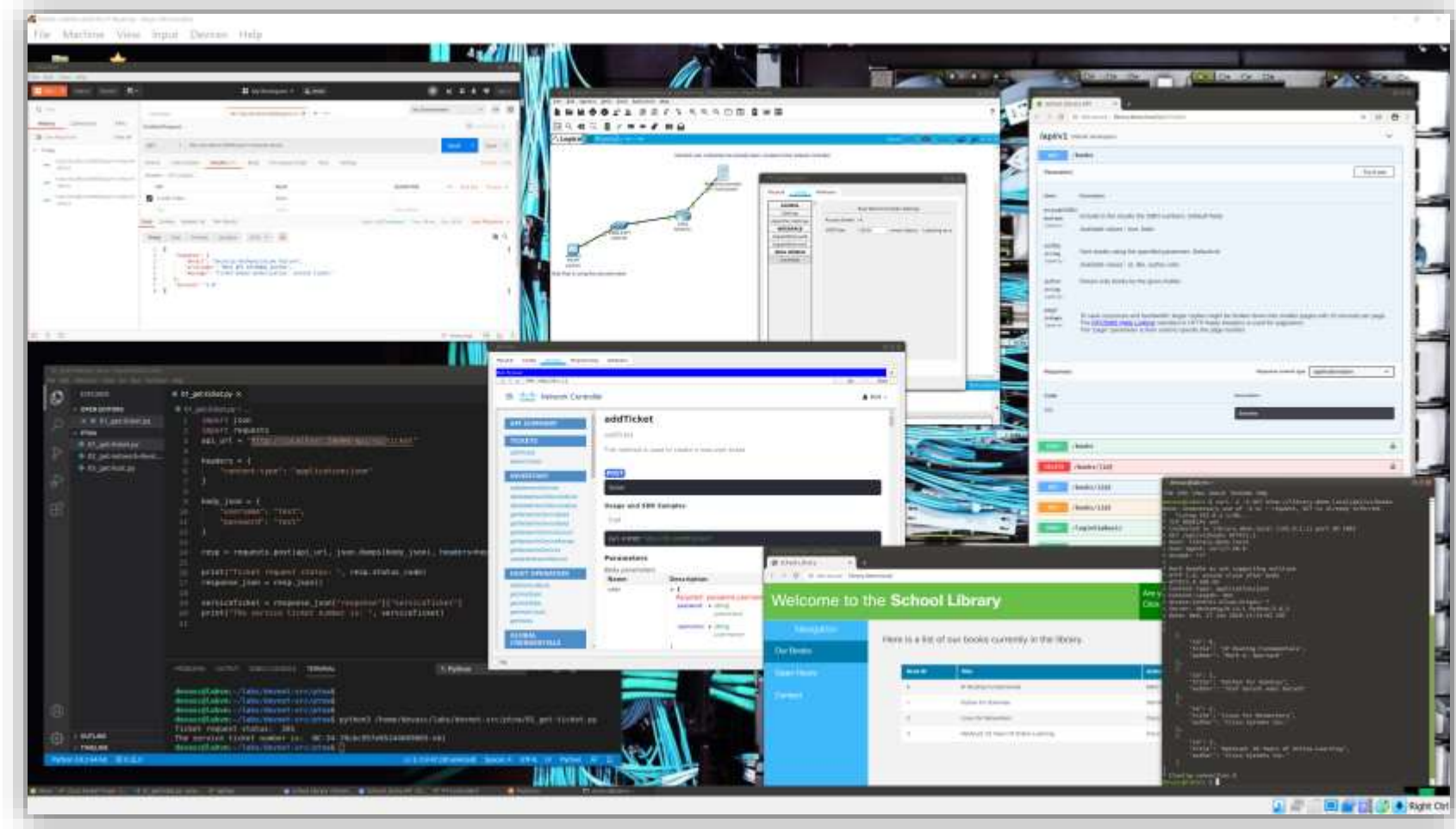
- **ASC Alignment Required:** Yes
- **Instructor Training Required:** Yes
- **Physical Equipment Required:** No, only using Virtual Machines on the student's computer
- **Voucher Availability:** Yes



Lab Equipment

2 Virtual Machines

- DEVASC Lab VM
- Cisco CSR1000v VM

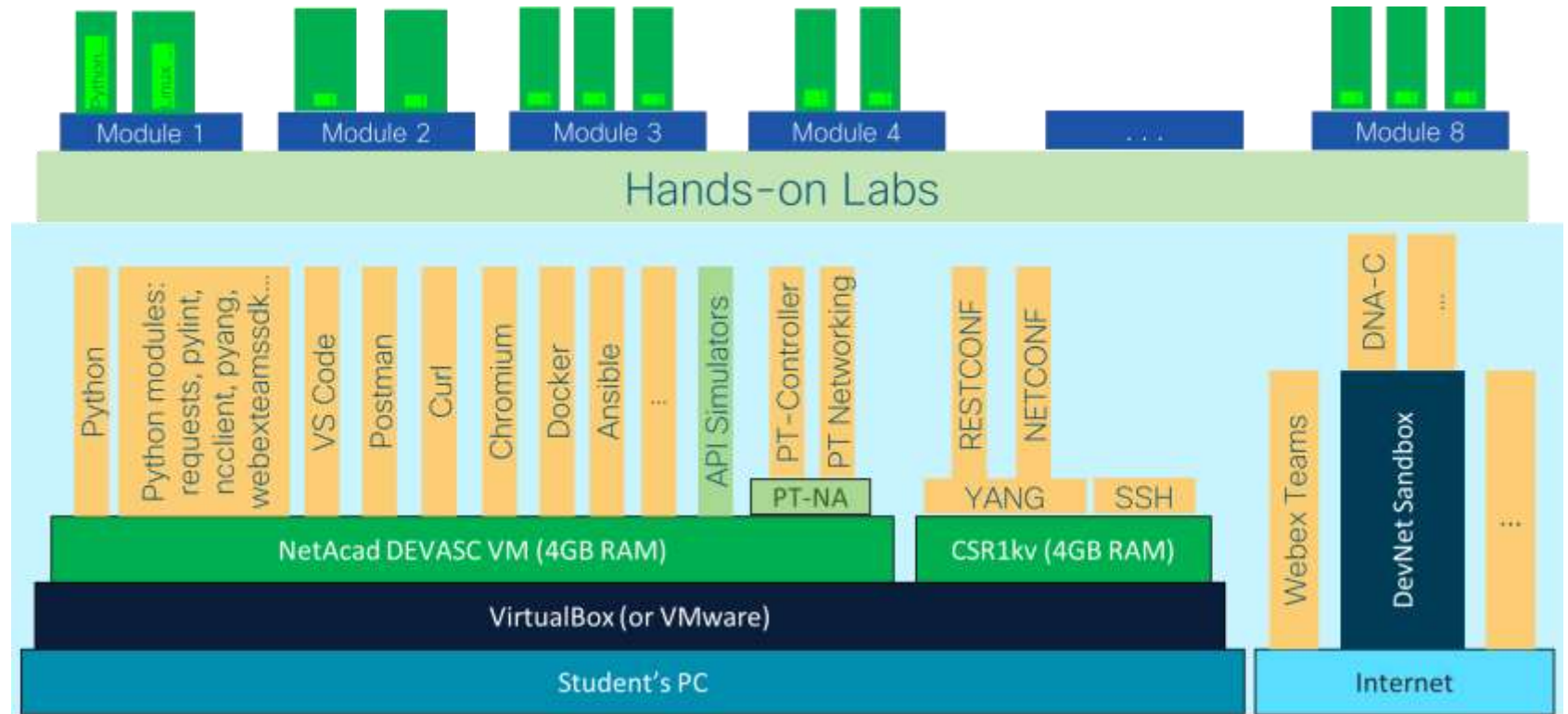




Lab Equipment

2 Virtual Machines

- **DEVASC Lab VM:**
 - All software tools bundled in a single Virtual Machine
 - No need to install, setup, or configure any tools
 - All students have the same consistent experience
 - Built-in REST API Simulator
 - Includes Packet Tracer for Network Automation
- Cisco CSR1000v VM





CyberOps and DevNet Instructor Training Options

Option 1:

Novice
Instructors

ITC Value-Added Training

ITC Proctored
Final Exams

Training by Cisco Networking Academy Qualified Instructor Trainers

Opportunity to obtain:

- ✓ Accreditation to Teach
- ✓ Certificate of Course Completion
- ✓ Letter of Merit
- ✓ Learning Badge
- ✓ Certification Voucher



Option 2:

Experienced
Instructors

Online Self-Paced
Training Course
enrollment link via
Course Resources

**Flexible solution for
experienced instructors**

Accreditation
Option 2a

ITC Proctored
Final Exams

**Final Exam and Skills
Assessment**

Opportunity to obtain:

- ✓ Accreditation to Teach
- ✓ Certificate of Course Completion
- ✓ Letter of Merit
- ✓ Learning Badge

Accreditation
Option 2b

Cisco Certification

Opportunity to obtain:

- ✓ Accreditation to Teach

CCNA 7.02 Overview



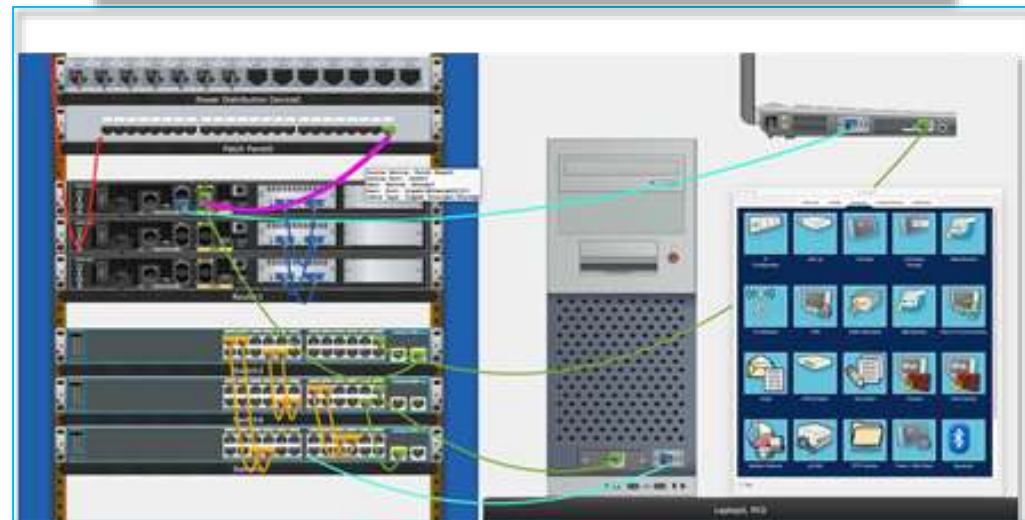
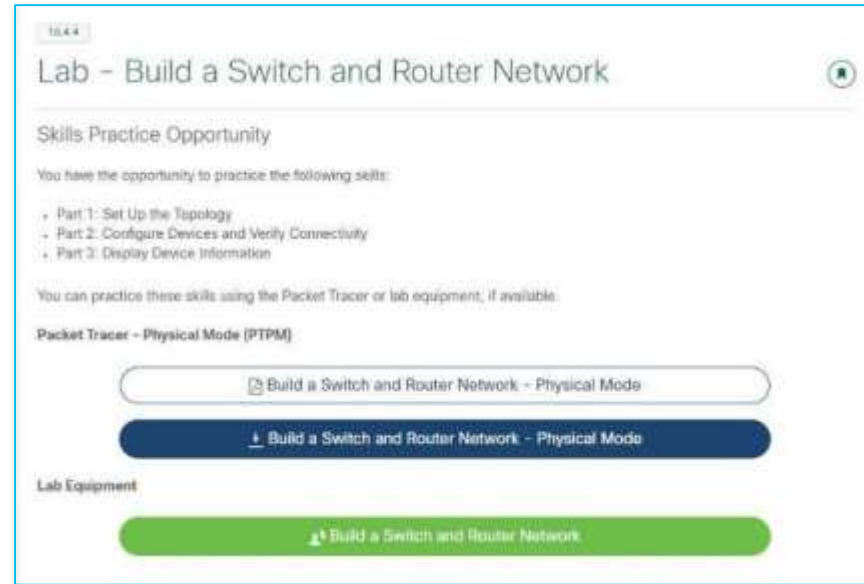


CCNA 7.02 Deep Dive Special Session

Agenda

- 1 CCNA v7.02 Overview
- 2 Course Template Changes
- 3 Course Template & GUI Changes Demo
- 4 Packet Tracer 8.0 Overview
- 5 Packet Tracer Physical Mode Demo
- 6 Packet Tracer Exploration Scenario Demo

Recording and slides available in
IPD Week Course



NetAcad Distance Learning Vision

To provide flexibility and choice for teaching and learning in any environment (on-line, on-premise, or hybrid) with optimal quality and effective outcomes.

- ✓ Learning Science principles are the foundation (and always have been)
- ✓ NetAcad is well-positioned to offer distance learning now and in the future
- ✓ We're keeping students and instructors at the center

Read the white paper
netacad.com/learning-never-stops

Designed for Distance Learning

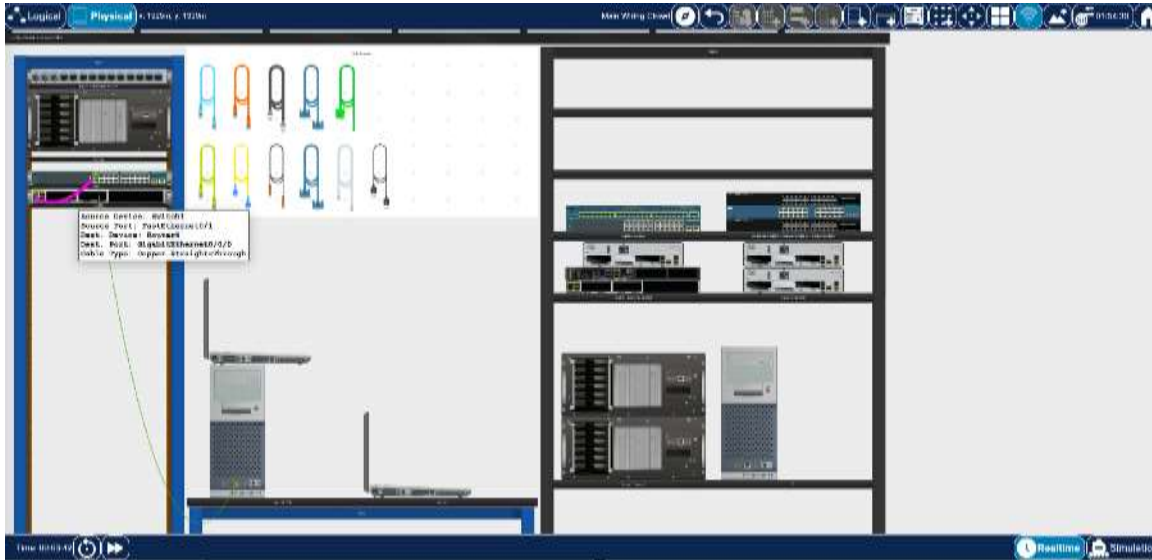
Packet
Tracer 8.0



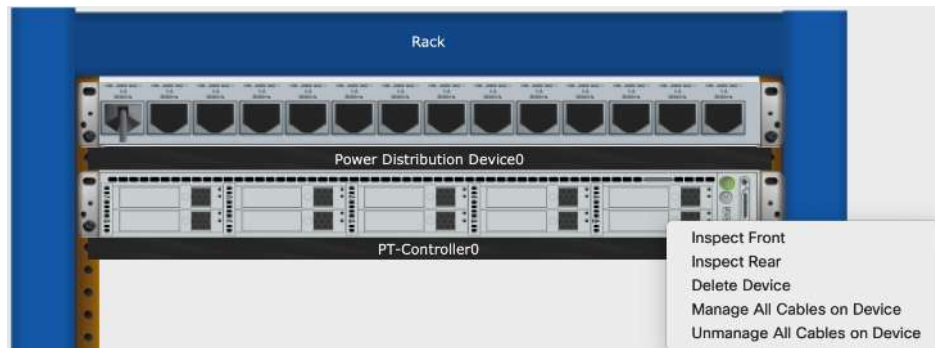
CCNA
7.02



Packet Tracer 8 Enhanced Physical Mode

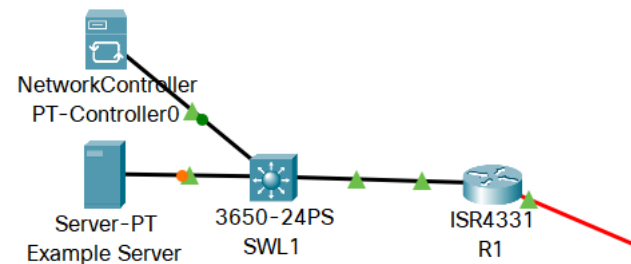
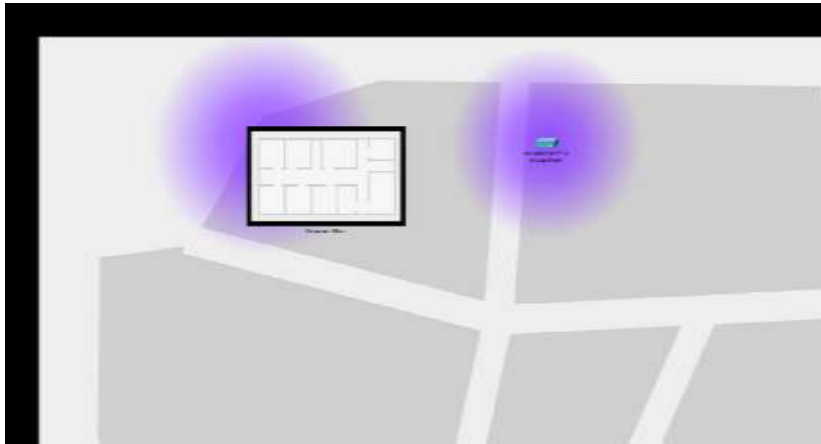


- Shelf and pegboard to store devices and cables
- Moving equipment from shelf to rack or table
- Cabling to the port
- Front and rear view
- Dangling cables
- Manage cables



Wireless, Activity Instructions and Network Controller

- Color grid for wireless display
- New activity instructions window
- Network controller and PTNA



Topology

Addressing

Device	Interface	IP Address / Prefix	Default Gateway
R1	G0/0/0	192.168.0.1 /24	N/A

Instructions

Part 1: virtualized Physical Experience: Student "Cabling" Lab like ITN 10.4.4

Setup: Arrange the New Workspace

a. Note the instructions window has been broken into

User Notes

Edit - Format

Zoom: 100%

Time Elapsed: 00:21:25

Completion: 100%

Top Dock Check Results Reset Activity Tabs Reset Tabs

Special Packet Tracer IPD sessions

Network Controller and PTNA

Special IPD session in
December
Recording available in the IPD
course

PT 8 Physical Mode in CCNA 7.02

Recording available in the IPD
course

CCNA 7.02 Purpose and Focus

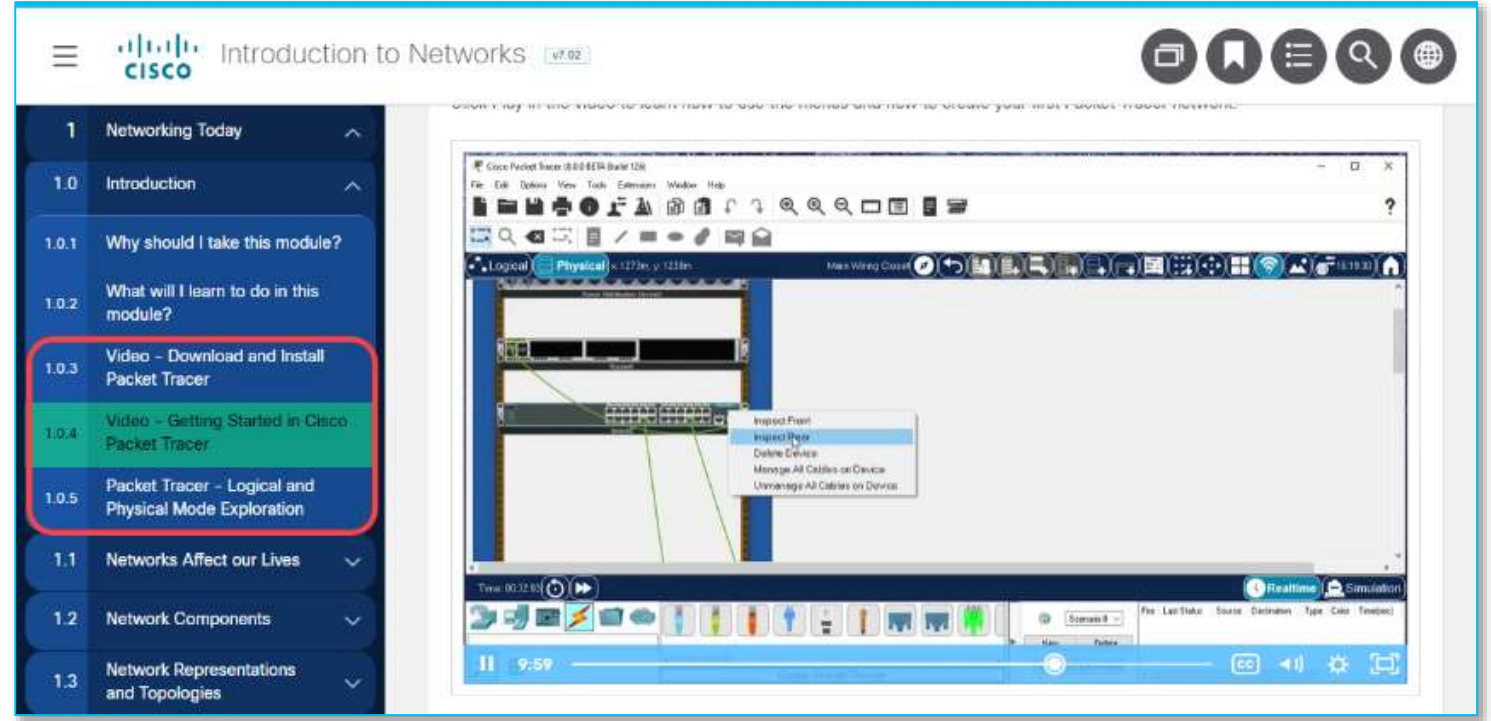
Equipment still
required for CCNA

In this phase of supporting distance learning, this first set of updates to the CCNA courses focuses on:

- Offsetting the gap created by a lack of access to equipment
- Providing support to practice the skills presented in the physical, in-person lab experience.
- Minimizing disruption to the current experience
- Updating the CCNA course template per customer feedback

What's New with CCNA 7.02

- Release of new Packet Tracer 8.0 (required for **ALL** PT activities in 7.02)
- Added videos for navigating and downloading PT to each CCNA course introduction module
- Added a video and example PT activity to introduce Physical Mode to the learner.



What's New with CCNA 7.02

- New Packet Tracer Physical Mode (PTPM) activity is added directly onto corresponding lab page. Not every lab has a corresponding PT Activity.
- Added to offset the gap created by a lack of access to equipment
- These and all other Packet Tracer activities require PT v8.0
- Logical View Locked

The screenshot displays the Cisco Learning Network interface for the 'Lab - Build a Switch and Router Network' activity. The interface is divided into a sidebar and a main content area. The sidebar contains a table of contents with the following items:

10	Basic Router Configuration	^
10.4	Module Practice and Quiz	^
10.4.1	Video - Network Device Differences: Part 1	
10.4.2	Video - Network Device Differences: Part 2	
10.4.3	Packet Tracer - Basic Device Configuration	
10.4.4	Lab - Build a Switch and Router Network	
10.4.5	What did I learn in this module?	
10.4.6	Module Quiz - Basic Router Configuration	
11	IPv4 Addressing	v
12	IPv6 Addressing	v
13	ICMP	v

The main content area shows the 'Lab - Build a Switch and Router Network' page. It includes a 'Skills Practice Opportunity' section with the following text:

You have the opportunity to practice the following skills:

- Part 1: Set Up the Topology
- Part 2: Configure Devices and Verify Connectivity
- Part 3: Display Device Information

You can practice these skills using the Packet Tracer or lab equipment, if available.

The 'Packet Tracer - Physical Mode (PTPM)' section is highlighted with a red box and contains two buttons:

- Build a Switch and Router Network - Physical Mode
- Build a Switch and Router Network - Physical Mode

Below this is the 'Lab Equipment' section with a green button:

- Build a Switch and Router Network

What's New with CCNA 7.02

- New Physical Mode scenarios to further explore the end-to-end physical layer of small and large networks.

The screenshot shows the Cisco Packet Tracer interface for the 'Physical Layer Exploration' module. The left sidebar contains a navigation tree with the following items: 4 Physical Layer, 4.7 Module Practice and Quiz, 4.7.1 Packet Tracer - Physical Layer Exploration (highlighted), 4.7.2 Packet Tracer - Connect the Physical Layer, 4.7.3 What did I learn in this module?, 4.7.4 Module Quiz - Physical Layer, 5 Number Systems, 6 Data Link Layer, 7 Ethernet Switching, 8 Network Layer, and 9 Address Resolution. The main content area is titled 'Module Practice and Quiz' and contains the following text:

4.7.1 Packet Tracer - Physical Layer Exploration

In this Packet Tracer Physical Mode (PTPM) activity, you will trace the physical path of IP packets from a home in Monterey, California to a web server at the University of Hawaii on the island of Oahu, Hawaii. You will do this in Packet Tracer and on your computer.

In the Packet Tracer simulation, a student lives in Monterey, California (USA) and regularly uses a web browser to access the University of Hawaii's web site at www.hawaii.edu. As she views the information downloaded from the web server to her home computer, she becomes curious about how the IP packets traveled between Monterey and Hawaii. What is the path those packets actually take and how did they travel over the Pacific Ocean?

You are also interested in these questions and will investigate the path from your unique location to the server in Hawaii.

This activity follows the packets between two devices in two specific locations using their specific internet connections. Two other devices in both these same two locations, but using different internet connections (different ISPs), would most likely result in the IP packets taking a much different path.

At the bottom of the main content area, there are two buttons: a light blue button labeled 'Physical Layer Exploration - Physical Mode' and a dark blue button labeled 'Physical Layer Exploration - Physical Mode'. A red box highlights these two buttons.

Exploration scenarios require the 64-bit PT 8.0 due to the image files sizes embedded in the activities

What's New with CCNA 7.02

- Added an additional PTSA to support skills learned in the course
- Updated instructor PPTs to include new activities
 - Not every PPT module was updated
- Addressed Lab or PT errata issues submitted through the support desk
 - Please make sure you are submitting any errors you find in NetAcad classes.

Course Resources

Resources

Name

← Go up

ITN v7.02

CCNA Product Overview.pptx

ITN v7 Instructor Lab Source Files.zip

ITN v7 Instructor Packet Tracer Source Files.zip

ITN v7 Instructor PowerPoints.zip

ITN v7 Module & Final Exam Design Documents.xlsx

ITN v7 Packet Tracer Activity Source Files.zip

ITN v7 Packet Tracer Skills Assessment Design.zip

ITN v7 Release Notes.pdf

ITN v7 Scope and Sequence.pdf

ITN v7 Skills Assessment.zip

ITN v7 Student Lab Source Files.zip

ITN v7 Student Packet Tracer Source Files.zip

Resources

Name

← Go up

ITN v7.02 Instructor Packet Tracer Source Files.zip

ITN v7.02 Instructor PowerPoints.zip

ITN v7.02 Packet Tracer Activity Source Files.zip

ITN v7.02 Packet Tracer Skills Assessment Design.zip

ITN v7.02 Release Notes.pdf

ITN v7.02 Scope and Sequence.pdf

ITN v7.02 Student Packet Tracer Source Files.zip

Not all resources updated so
subfolder for 7.02 holds updated
resources

CCNAv7.02

Introduction to Networks (ITN) Scope and Sequence

Last Updated January 27, 2021

Lab Equipment Requirements

Networking Academy CCNA courses can be delivered in person or remotely. Hands-on experiences with physical equipment continue to remain an essential best practice, and Networking Academy has no plan to remove this requirement. Academies need to continue providing access to physical equipment as soon as circumstances allow it. However, to support distance learning, lab activities now provide the option to practice skills with PTPM or with lab equipment, if available. Packet Tracer 8.0 provides support for students to practice critical skills normally presented in the physical, in-person lab experience. Networking Academy offers this option as a way to offset the skills gap created by the absence of physical equipment and continue on the path toward student mastery.

Packet Tracer 8.0, 64-bit versions are required for the optimal experience with CCNA 7.PTPM activities and scenarios. Due to the extensive set of graphics included in the PTPM scenarios, these activities may experience performance issues or crashes in Packet Tracer 8.0, 32-bit version. All other PTPM activities should perform as normal.

ITN 7.02 PTPM Activities and Scenarios

Activity	LI	ITN 7.02 Description
Video	1.0.3	Video - Download and Install Packet Tracer
Video	1.0.4	Video - Getting Started in Cisco Packet Tracer
PTPM	1.0.5	Packet Tracer - Explore Logical and Physical Modes
PTPM	2.3.8	Packet Tracer - Navigate the IOS Using a Terminal Client for Console Connectivity - Physical Mode
PTPM	2.9.2	Packet Tracer - Basic Switch and End Device Configuration - Physical Mode
Lab	2.9.2	Packet Tracer - Basic Switch and End Device Configuration
PTPM	4.7.1	Packet Tracer - Physical Layer Exploration - Physical Mode
PTPM	10.4.4	Packet Tracer - Build a Switch and Router Network - Physical Mode
PTPM	11.10.2	Packet Tracer - Design and Implement a VLSM Addressing Scheme - Physical Mode
PTPM	12.9.2	Packet Tracer - Configure IPv6 Addresses on Network Devices - Physical Mode
PTPM	13.3.2	Packet Tracer - Use Ping and Traceroute to Test Network Connectivity - Physical Mode
PTPM	17.7.7	Packet Tracer - Troubleshoot Connectivity Issues - Physical Mode
PTPM	17.8.1	Packet Tracer - Design and Build a Small Business Network - Physical Mode

SRWE 7.02 PTPM Activities and Scenarios

Activity	LI	SRWE 7.02 Description
Video	1.0.3	Video - Download and Install Packet Tracer
Video	1.0.4	Video - Getting Started in Cisco Packet Tracer
PTPM	1.0.5	Packet Tracer - Explore Logical and Physical Modes
PTPM	1.1.7	Packet Tracer - Basic Switch Configuration - Physical Mode
PTPM	1.6.2	Packet Tracer - Configure Basic Router Settings - Physical Mode
PTPM	3.4.6	Packet Tracer - Configure VLANs and Trunking - Physical Mode
PTPM	4.4.9	Packet Tracer - Troubleshoot Inter-VLAN Routing - Physical Mode
PTPM	9.3.4	Packet Tracer - Data Center Exploration
PTPM	13.5.2	Packet Tracer - Wireless Technology Exploration
PTPM	16.3.2	Packet Tracer - Troubleshoot Static and Default Routes - Physical Mode

ENSA 7.02 PTPM Activities and Scenarios

Activity	LI	ENSA 7.02 Description
Video	1.0.3	Video - Download and Install Packet Tracer
Video	1.0.4	Video - Getting Started in Cisco Packet Tracer
PTPM	1.0.5	Packet Tracer - Logical and Physical Mode Exploration
PTPM	2.7.2	Packet Tracer - Single-Area OSPFv2 Configuration - Physical Mode
PTPM	2.7.3	Packet Tracer - Multiarea OSPF Scenario
PTPM	3.11.1	Packet Tracer - Network Security Story
PTPM	5.5.2	Packet Tracer - Configure and Verify extended ACLs - Physical Mode
PTPM	10.6.12	Packet Tracer - Use TFTP, Flash, and USB to Manage Configuration Files - Physical Mode
PTPM	10.6.13	Packet Tracer - Research Password Recovery Procedures - Physical Mode

CCNA 7.02 Course Template Changes



Creating a CCNA 7.02 Class

- Instructors must create new class to take advantage of the new features – there is not an upgrade option
- Suggest you create a new CCNA 7.02 class and enroll your students in the class
- An instructor could download the PT zip files and distribute to students, but the class would not have access to the new Final PTSA

Create New Course

Language & Version *

- Select -

- Select -

English - 7.02

English - 7.01

العربية - 7.00

中文(简体) - 7.01

Français - 7.00

Deutsch - 7.00

Italiano - 7.00

日本語 - 7.00

Polski - 7.00

Português - Brasileiro - 7.00

Русский - 7.00

Español - 7.00

Türkçe - 7.00

Український - 7.00

Academy

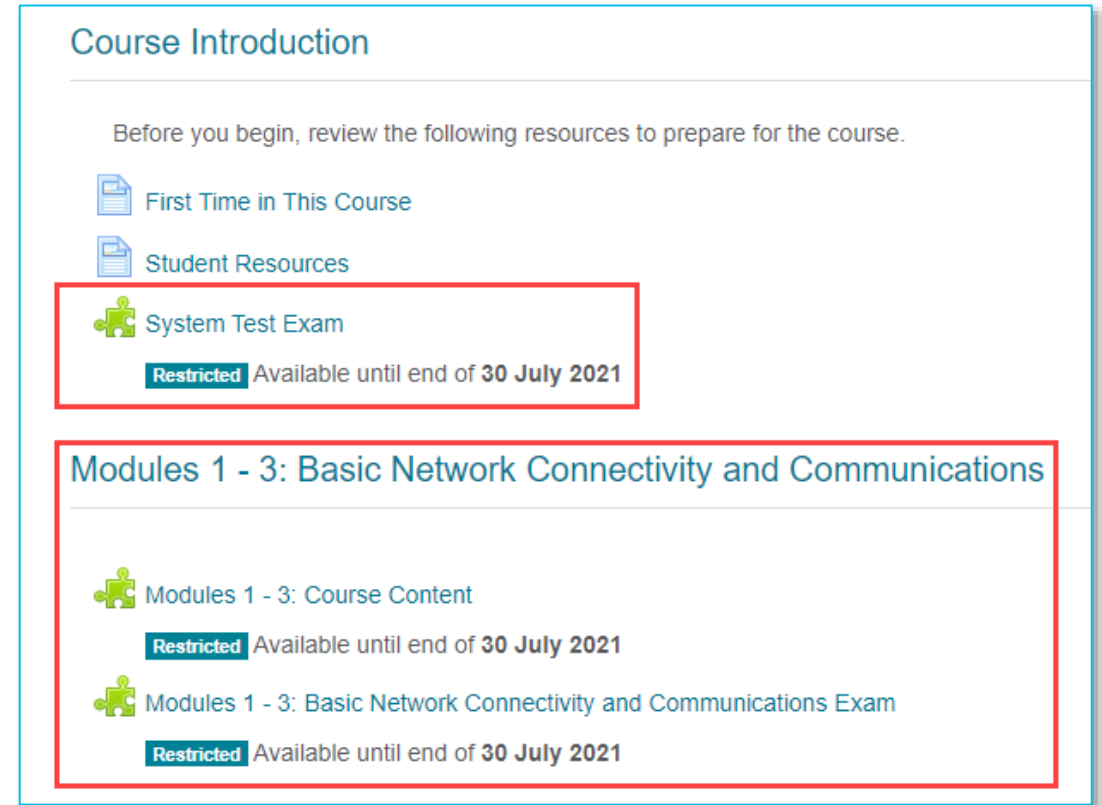
Cisco Staff

Cisco Course Name

CCNAv7: Introduction to Networks

CCNA 7.02 Course Template Changes

- Added System Test Exam
 - Tests students access to the assessment system and for them to view various exam item types.
- Created sections for each Module Group with direct link to the course content



The screenshot shows a course introduction page with the following content:



- Course Introduction**
 - Before you begin, review the following resources to prepare for the course.
 - First Time in This Course
 - Student Resources
 - System Test Exam** (highlighted with a red box)
 - Restricted Available until end of 30 July 2021
- Modules 1 - 3: Basic Network Connectivity and Communications** (highlighted with a red box)
 - Modules 1 - 3: Course Content** (highlighted with a red box)
 - Restricted Available until end of 30 July 2021
 - Modules 1 - 3: Basic Network Connectivity and Communications Exam** (highlighted with a red box)
 - Restricted Available until end of 30 July 2021

Both features were submitted by instructors through our Share Ideas button! Keep up the great feedback!

CCNA 7.02 Course Template Assessment Changes



- Practice Exams grouped together
 - Practice PT Skills Assessment
 - Practice Final Exam
- Two Final Skill Exam Options
 - ITN Final Skills Exam (PTSA) **NEW!**
 - ITN Final Skills Exam (Equipment)

Practice Exams


-  Practice PT Skills Assessment (PTSA)
Restricted Available until end of 30 July 2021
-  Practice Final Exam
Restricted Available until end of 30 July 2021

Note: The Practice Final exam does not qualify students for a Letter of Merit, a digital badge or exam discounts which are dependent on the Final exam.

Final Skills Exams


-  ITN Final Skills Exam (PTSA)
Restricted Available until end of 30 July 2021
-  ITN Final Skills Exam (Equipment)

Course Feedback

-  Course Feedback
Restricted Available until end of 30 July 2021

Final Exam

Restricted Not available unless: The activity **Course Feedback** is marked complete

-  Final Exam
Restricted Available until end of 30 July 2021

Instructor Professional Development



New to IPD Week?

- Instructor Professional Development (IPD) Week is a quarterly program offered to NetAcad instructors. Its goal is to offer professional development through free, one-hour virtual sessions.
- Topics include technical sessions to keep instructors up-to-date on the latest technology trends and expand their knowledge. Plus, program update sessions from around Networking Academy.



Learn while earning certificate of attendance



Interact and connect with your peers



Access anytime, anywhere around your schedule



Of instructors say they have become better educators

What I enjoyed about this session was the innovative way of how content was developed and also the sharing spirit there is in the Academy. Thanks a lot and keep it up

excited to try these out!

This is a great investment of my time.

These sessions have helped me become a much better instructor.

Thanks for sharing your experiences! Great ideas sparking more ideas.

Thanks for sharing your experiences! Great ideas sparking more ideas.

Amazing efforts and presentation Joseph. Coming from research background in very close areas, I cannot hold myself to self-enroll in the early release of the DEVASC course mid. June. Thanks for Echo, Kristen, Eugene, and all Cisco/Net Academy team. Great work indeed.



IPD Sessions 3-7 May



Register and join sessions

<http://cs.co/IPD21>

Program Updates

- Catch up on the latest strategies and products from Cisco Networking Academy!

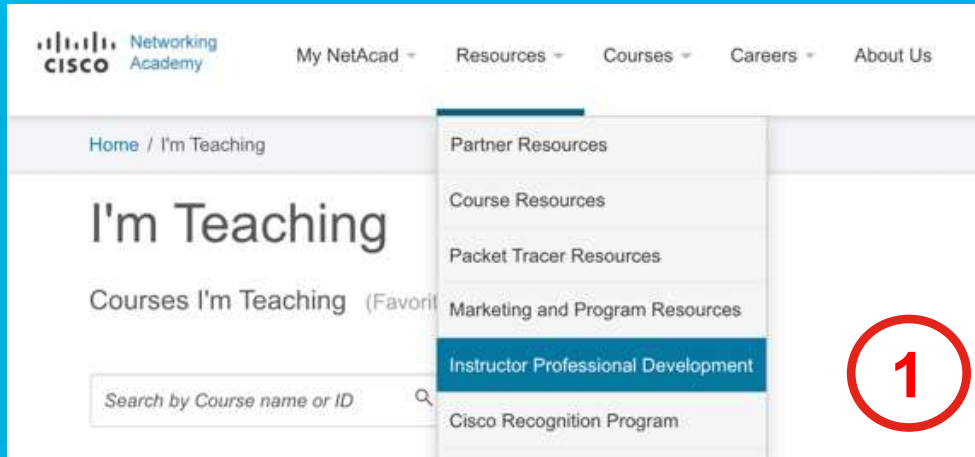
Technical Session Topics Include:

- New LMS: Recent Enhancements and Demo
- Understanding SMTP using Wireshark
- How Hackers Think!
- Cisco Modeling Labs v.2: Deep dive
- NetAcad Equipment Deep Dive
- From NetAcad to Network Engineer
- Wi-Fi 6 and 5G Technology Transitions by Cisco
- Real Life Examples of Wireless Deployments

Localized Sessions:

- We offer sessions in local languages for a global audience. Browse the IPD course for available languages

To Access:



Refreshed IPD Area

- Easy to navigate
- Support of IPD Week and Learning-Never-Stops

Instructor Professional Development

Welcome to your one-stop-shop for IPD options
Stay informed every step of the way for ongoing success



Instructor Professional Development (IPD) Week is a virtual conference with many webinars for you to learn more and teach your students better.

[IPD Week Page](#)

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Today education online is possible. Cisco and Cisco Networking Academy helps you to enable remote teaching at your school.

[Resources for Virtual Learning](#)

IPD Week FY21



Join us quarterly for Instructor Professional Development Week.
Use the buttons to navigate to different sections quicker:

[Sessions](#) [Hot Topics](#) [Info](#) [Demo](#)

Registration for IPD Week October 5 to 9 is NOW OPEN.

Click below to register for the sessions:

Global Sessions	Localized Sessions
English Program Updates (Check the agenda)	العربية Bahasa
English Technical Sessions (Check the agenda)	中文 Deutsch
English Special Sessions (Check the agenda)	Dutch Español
	Français Italiano
	Polski Português
	Pycckий Tamil
	Türkçe Tagalog

3

