

# NetAcad: UPDATE info

Webinár - September

# CCNA - certifikácia 1.1 - nové témy

200-301 CCNA	
v1.0	v1.1
<p>2.5 Interpret basic operations of Rapid PVST+ Spanning Tree Protocol</p> <ul style="list-style-type: none"><li>2.5.a Root port, root bridge (primary/secondary), and other port names</li><li>2.5.b Port states and roles</li><li>2.5.c PortFast</li></ul>	<p>2.5 Interpret basic operations of Rapid PVST+ Spanning Tree Protocol</p> <ul style="list-style-type: none"><li>2.5.a Root port, root bridge (primary/secondary), and other port names</li><li>2.5.b Port states and roles</li><li>2.5.c PortFast</li><li>2.5.d Root guard, loop guard, BPDU filter, and BPDU guard</li></ul>
<p>2.8 Describe AP and WLC management access (Telnet, SSH, HTTP, HTTPS, console, and TACACS+/RADIUS)</p>	<p>2.8 Describe network device management access (Telnet, SSH, HTTP, HTTPS, console, TACACS+/RADIUS, and cloud managed)</p>
<p>6.4 Compare traditional campus device management with Cisco DNA Center enabled device management</p>	<p>6.4 Explain AI (generative and predictive) and machine learning in network operations</p>
<p>6.5 Describe characteristics of REST-based APIs (CRUD, HTTP verbs, and data encoding)</p>	<p>6.5 Describe characteristics of REST-based APIs (authentication types, CRUD, HTTP verbs, and data encoding)</p>
<p>6.6 Recognize the capabilities of configuration management mechanisms, such as Puppet, Chef, and Ansible</p>	<p>6.6 Recognize the capabilities of configuration management mechanisms, such as Ansible and Terraform</p>

# CCST (Cisco Certified Support Technician) IT Support

- <https://learningnetwork.cisco.com/s/ccst-it-support-exam-topics>
- Priemyselná skúška dostupná od Jún/Júl 2024
- 50 min. test overujúci základné vedomosti v oblastiach:
  - IT support task
  - documentation
  - troubleshooting
  - assisting end users
  - managing computer components
  - identifying security threats

# Skills for All - Kurzy

- CyberSecurity
  - Introduction to Cybersecurity
  - Endpoint Security
  - Network Defence
  - Cyber Threat Management
  - Junior CyberSecurity Analyst Career
  - Ethical Hacker
- Networking
  - Networking Basic
  - Networking Devices
  - Networking Addressing and Basic
  - Network Support and Security
  - Network Technician Career Path
- Operating Systems and IT
  - Computer Hardware Basic
  - Operating System Basic
- Data Science
  - Introduction to Data Science
  - Data Analytics Essentials
  - Data Science Essentials

# Nové kurzy - Skills for All

- AI Security Nuggets (The Video Series)
  - AI Security Overview and Legislation
  - AI Security Program Implications
  - Risk in AI and Best Practices with OWASP Top10 and MITRE ATLAS
  - AI Supply Chain Security
  - Retrieval Augmented Generation and AI LLM Stack Security
- The Road to Intelligent Machines modules
- AI Fundamentals with IBM SkillsBuild
- AI with Intel Learning Collection
- Exploring Sustainability Modules

# Kurzy k Umelej Inteligencii

## MODULE

2 hours · Beginner · Self-Paced

### The Road to Intelligent Machines



Explore the evolution of AI and create a video using the latest generative AI tools for images, narration and assembly.

#### Learning Component Highlights:

- ✓ 1 interactive lab: Basic Prompt Engineering
- ✓ 1 Project Create a video using the latest generative AI tools
- ✓ Multiple Check Your Understanding quizzes
- ✓ 1 final quiz



## COURSE

10 hours · Beginner · Self-Paced

### AI Fundamentals with IBM SkillsBuild



Learn the basis of machine learning, deep learning, natural language processing and computer vision as you try out IBM Watson Studio.

#### Learning Component Highlights:

- ✓ 1 AI machine learning project
- ✓ 6 learning modules and 25 quizzes
- ✓ 5 module final assessments

Course Recognitions: Digital Badge

IBM SkillsBuild

## COLLECTION

2.25 hours · Beginner · Self-Paced

### AI with Intel Learning Collection



Learn generative AI, responsible AI skills, and try out OpenVINO™ toolkit through short interactive modules, with the AI with Intel learning collection,

#### Learning Component Highlights:

- ✓ Develop an Object Detection AI model with your own dataset
- ✓ 3 individual modules with quizzes and interactive practice
- ✓ 1 final test or AI learning activity per module



# Obsah k strojovému učení v kontexte PC sietí

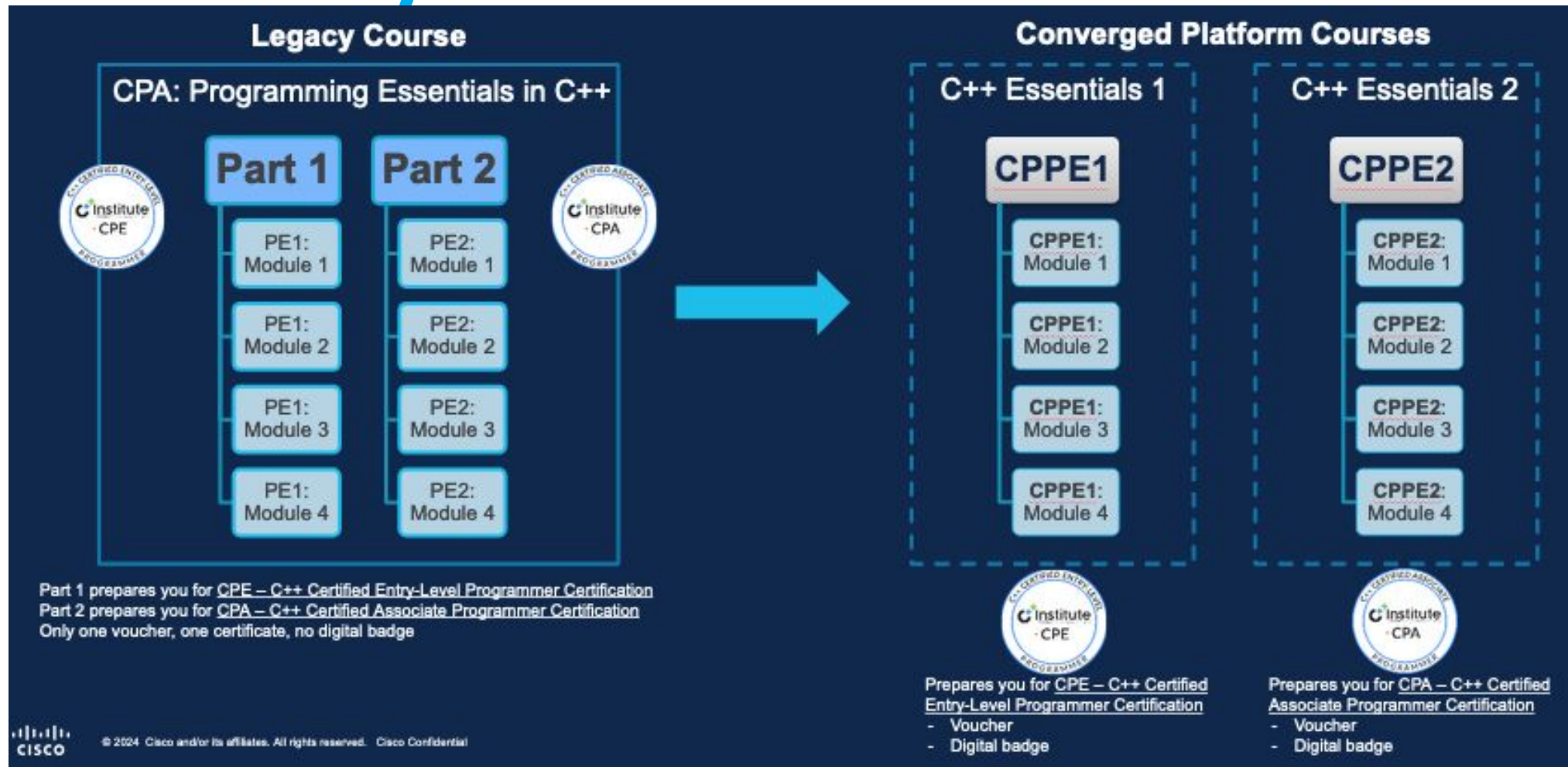
- Úloha pre klasifikáciu sieťovej prevádzky
  - Učenie s učiteľom
  - Učenie bez učiteľa
  - Učenie s posilňovaním
  - Neurónová sieť

# Sustainability in IT (koexistencia/udržateľnosť)

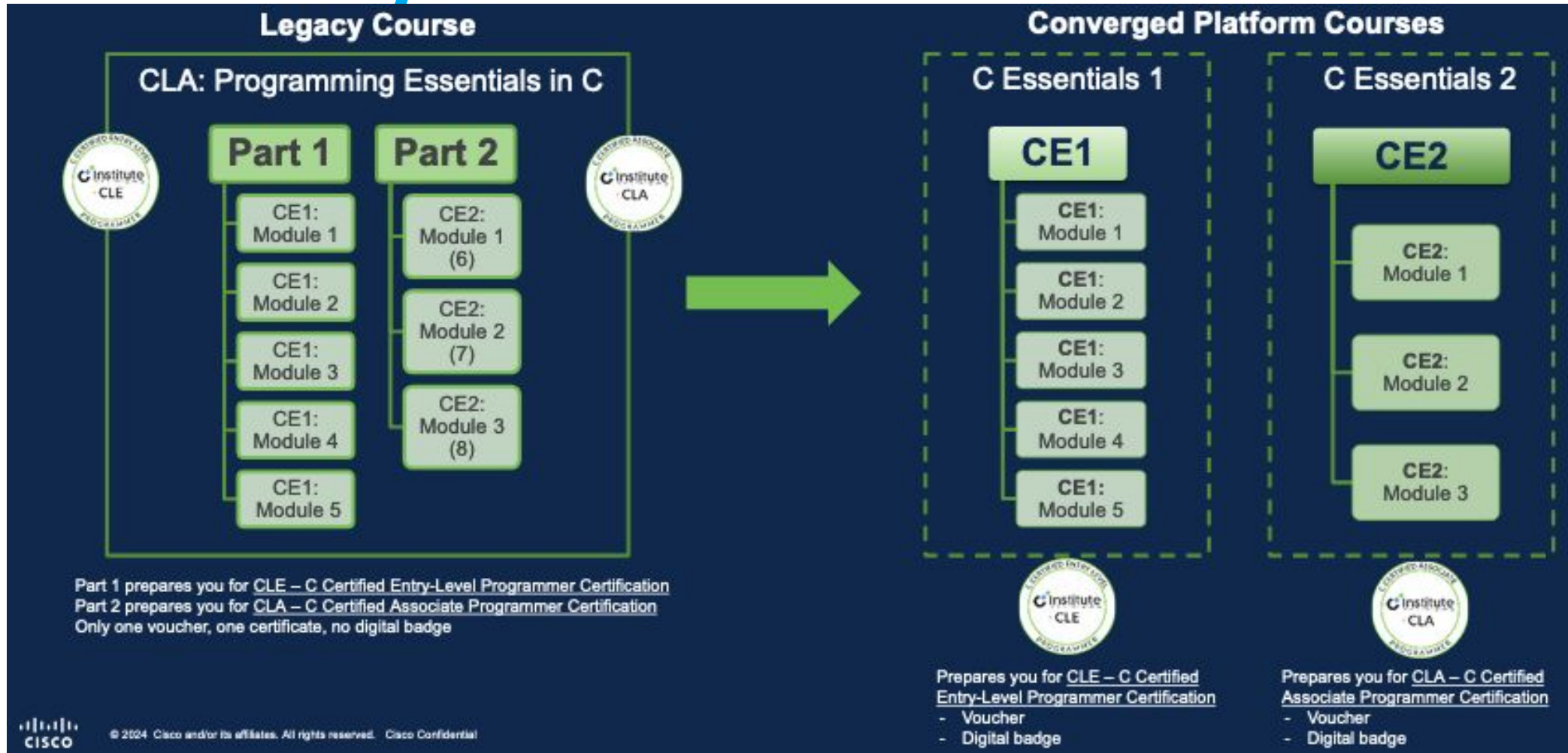
- Meranie emisií
- Riadenie energie v dátových centrách
- Riadenie energie v inteligentných budovách
- Recyklácia
- IoT - senzory a akčné členy



# C a C++ kurzy



# C a C++ kurzy



# Typy vzdelávacích materiálov



## Module

- A short learning component focused on a specific learning objective.
- Modules can be used on their own or as a supplement to a Course or Career Path.



## Course

- A series of lessons designed to meet a set of learning objectives about a subject.
- Courses include formative assessments and a final exam. Most courses have a digital badge.



## Career Path

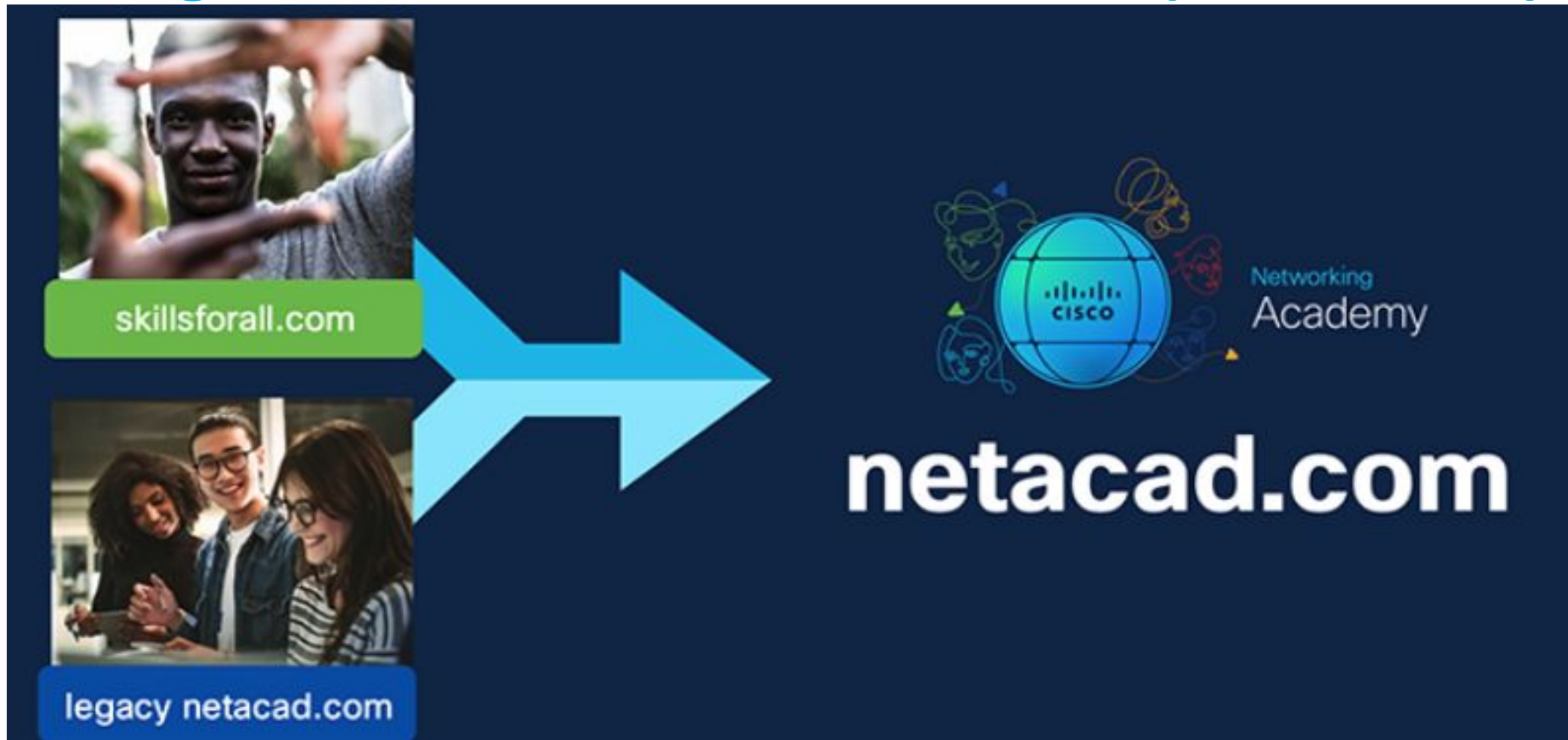
- A clear progression of courses or modules to prepare learners with the skills and knowledge needed for a specific job role and industry certification.
- Career Paths are designed with the end in mind: the skills required for success in a job role.



## Learning Collection

- A group of courses or modules to build knowledge on a topic. Learners gain transferable skills for a variety of job roles.
- Learning Collections can complement a Career Path to develop additional breadth of knowledge or stand on their own for delving into a topic.

# Konvergencia NetAcad a Skills for All (23.8 - 25.8)



<http://cs.co/ConvergenceHub>

# Kurzy po konwergencji

## NETWORKING (12 courses)

- Introduction to IoT and Digital Transformation (SP only)
- Networking Essentials, version 3.0 (IL only, ASC)
- Networking Basics (IL and SP)
- Networking Devices and Initial Configuration (IL and SP)
- Network Addressing and Basic Troubleshooting (IL and SP)
- Network Support and Security (IL and SP)
- CCNA: Introduction to Networks (IL only, ASC, ITR)
- CCNA: Switching, Routing, and Wireless Essentials (IL only, ASC, ITR)
- CCNA: Enterprise Networking, Security & Automation (IL only, ASC, ITR)
- CCNP Enterprise: Core Networking (IL only, ASC, ITR)
- CCNP Enterprise: Advanced Routing (IL only, ASC, ITR)
- DevNet Associate (IL only, ASC, ITR)

## CYBERSECURITY (8 courses)

- Introduction to Cybersecurity (newer version) (IL and SP)
- Cybersecurity Essentials, version 3.0 (IL only)
- Endpoint Security (IL and SP)
- Network Defense (IL and SP)
- Cyber Threat Management (IL and SP)
- Ethical Hacker (IL and SP)
- CyberOps Associate (IL only, ASC, ITR)
- Network Security (IL only, ASC, ITR)

## AI & DATA SCIENCE (3 courses)

- Introduction to Data Science (SP only)
- Data Analytics Essentials (SP only)
- AI Fundamentals with IBM SkillsBuild (SP only)

## DIGITAL LITERACY (2 courses)

- **Planned\*** - Digital Awareness (IL and SP)
- **Planned\*** - Using Computer and Mobile Devices (IL and SP)

\*To be confirmed available at convergence

## INFORMATION TECHNOLOGY (7 courses)

- Computer Hardware Basics (SP only)
- Operating Systems Basics (SP only)
- IT Essentials (IL only, ASC)
- Linux Unhatched (SP only)
- Linux Essentials (IL and SP)
- Linux 1 (IL and SP)
- Linux 2 (IL and SP)

## PROFESSIONAL SKILLS (8 courses)

- English for IT 1 (IL and SP)
- English for IT 2 (IL and SP)
- Engaging Stakeholders for Success (IL and SP)
- Creating Compelling Reports (IL and SP)
- Discovering Entrepreneurship (IL and SP)
- Launching a Business Venture (IL and SP)
- Managing a Business Venture (IL and SP)

## PROGRAMMING (10 courses)

- Python Essentials 1 (IL and SP)
- Python Essentials 2 (IL and SP)
- JavaScript Essentials 1 (IL and SP)
- JavaScript Essentials 2 (IL and SP)
- C Essentials 1 (IL only)
- C Essentials 2 (IL only)
- C Advanced (IL only)
- C++ Essentials 1 (IL only)
- C++ Essentials 2 (IL only)
- C++ Advanced (IL only)

## PRACTICE (3 courses)

- Getting Started with Cisco Packet Tracer (SP only)
- Exploring Networking with Cisco Packet Tracer (SP only)
- Exploring IoT with Cisco Packet Tracer (SP only)

### Legend:

IL = Instructor-led

SP = Self-paced

ASC = ASC alignment required

ITR = Instructor training required

This is a list of courses that will be available to create new classes after convergence on the new NetAcad.com.

This list is all the English language offerings. Many of these classes are or will be available in other languages.

50+  
courses

# Konvergencia - Deadlines

- 22.8.2024: Posledný deň na otvorenie kurzu v starom formáte
- 23.2.2025: Posledný deň na ukončenie kurzu v starom formáte
- 23.4.2025: Posledný deň na vyžiadanie Voucher-u z kurzu v starom formáte

# CCNP End-of-Life

Kurzy CCNP ENCOR a ENARSI

- 31.7.2025: Posledný deň na otvorenie kurzov
- 31.12.2025: Posledný deň na ukončenie kurzu

# KONTAKT

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