# Cisco Networking Academy Program

ASC, ITC, CA, NRP @ Technical University of Košice

# Cisco Systems



- CISCO is worldwide leader in networking technologies

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- Its B&B is selling of networking equipment and services

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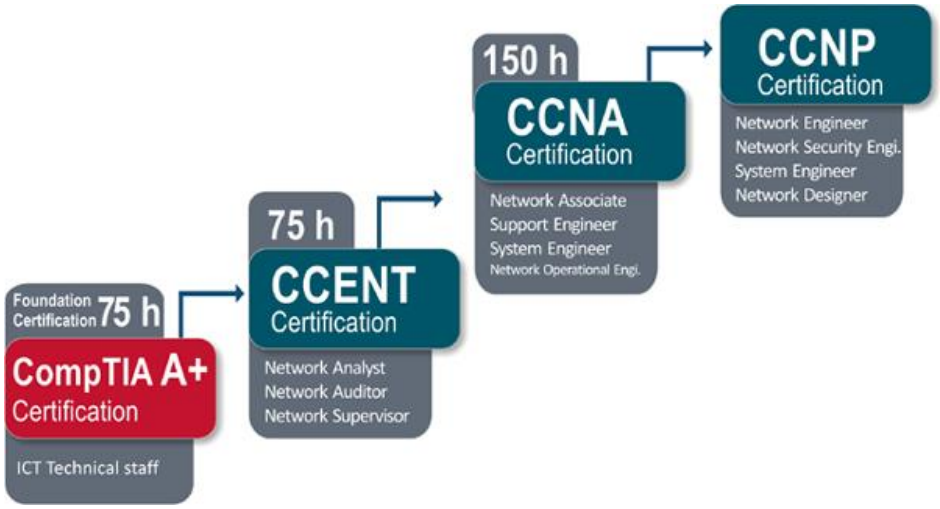
# Industry requirements



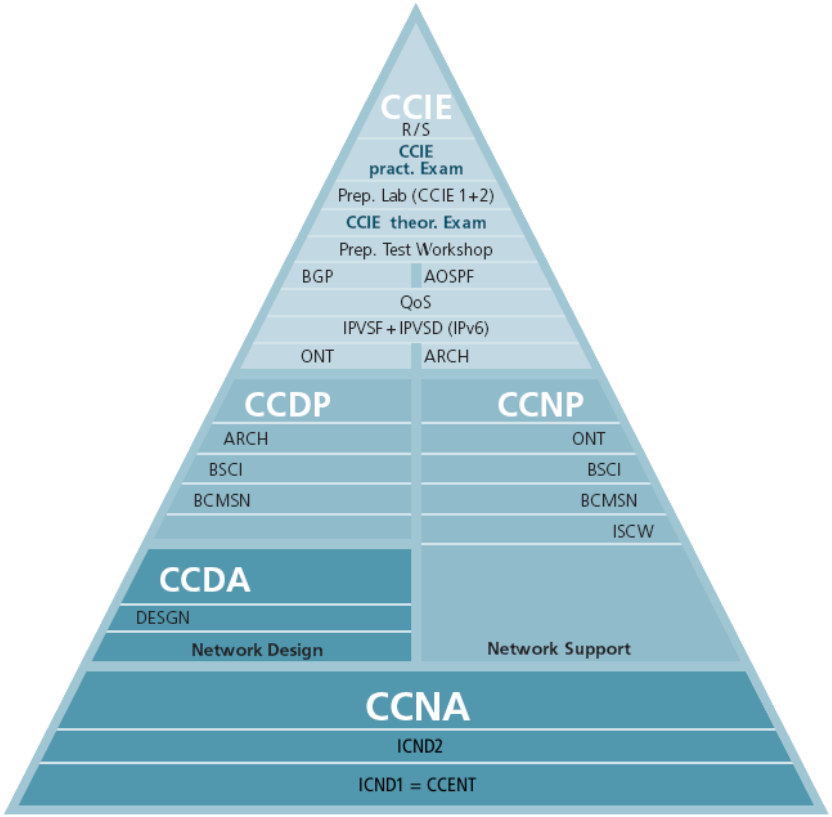
- Professional certification (external)
- Career path from basic IT skills toward in-depth professional expertise



# Certification tracks

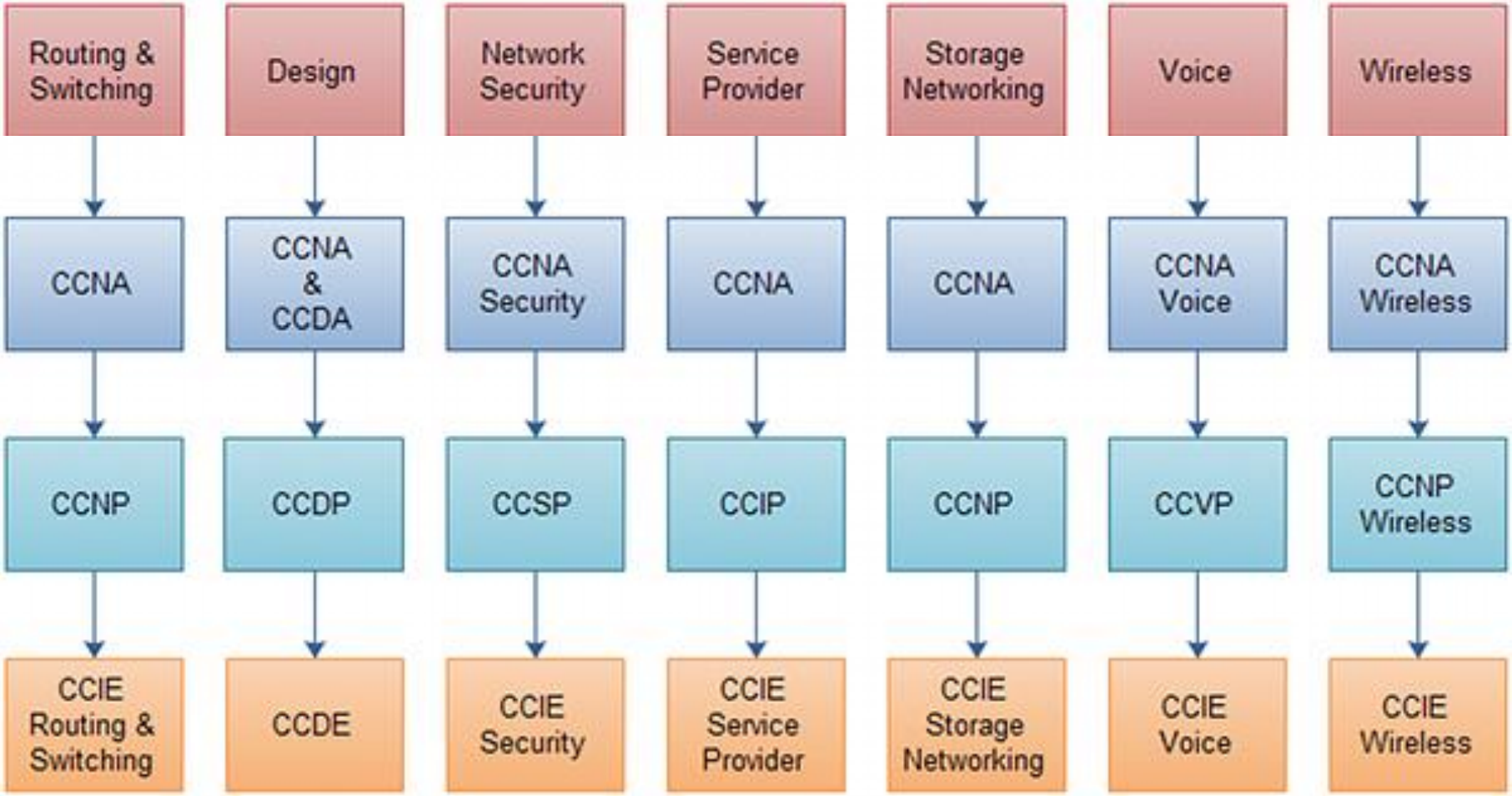


Routing & Switching | Design | Network Security | Service Provider | Storage Networking | Voice | Wireless



# Certification tracks





# How to prepare for industry certs?



Networking Academy

DIY (self-study)

Academical Certifications

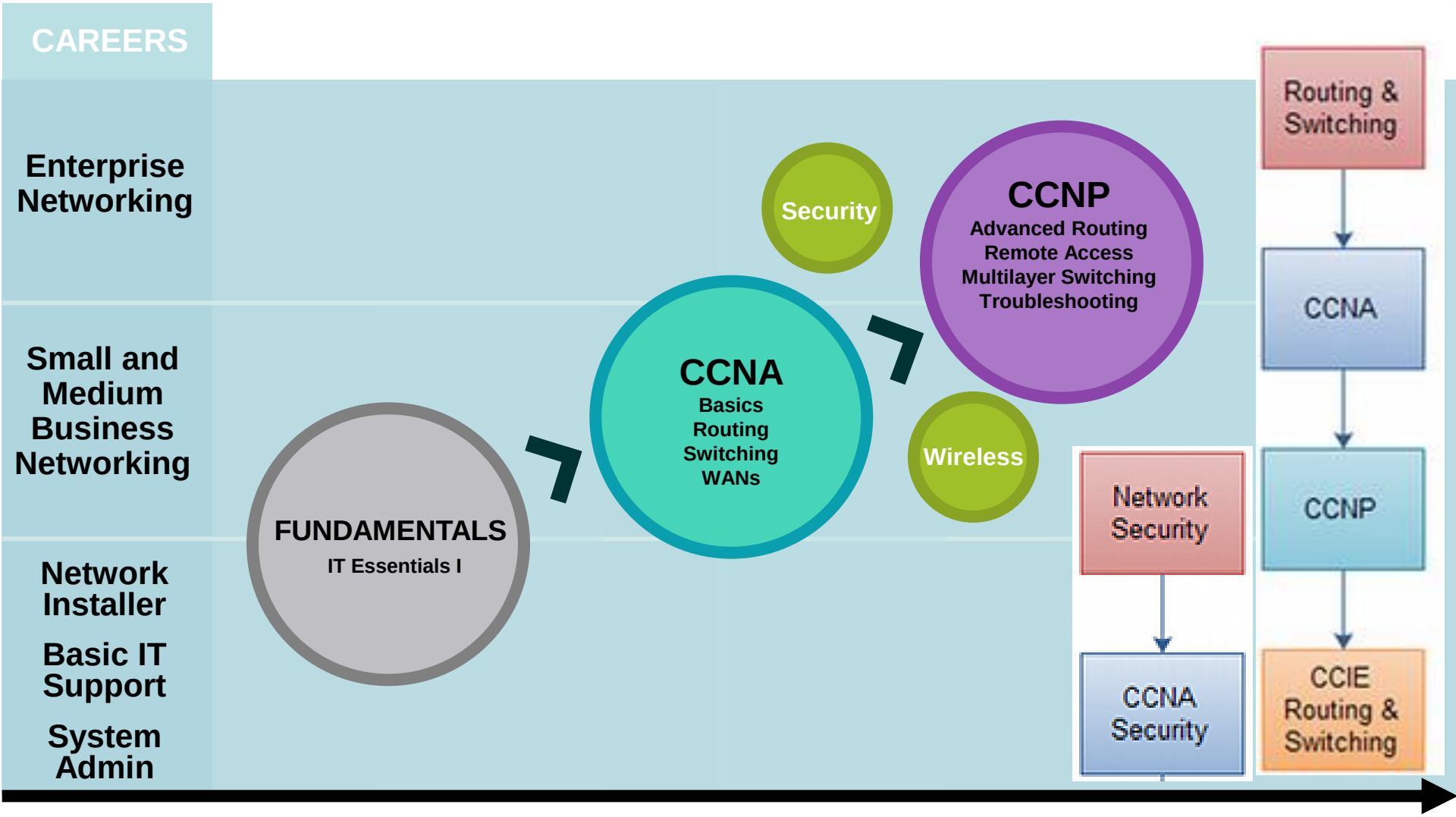
Industry certifications

# NetAcad

- Worldwide initiative
- 170 countries
- 10 000 of academies
- 35 000 instructors
- 1 000 000 students over the world

# Networking Academy porfolio

www.cnl.tuke.sk



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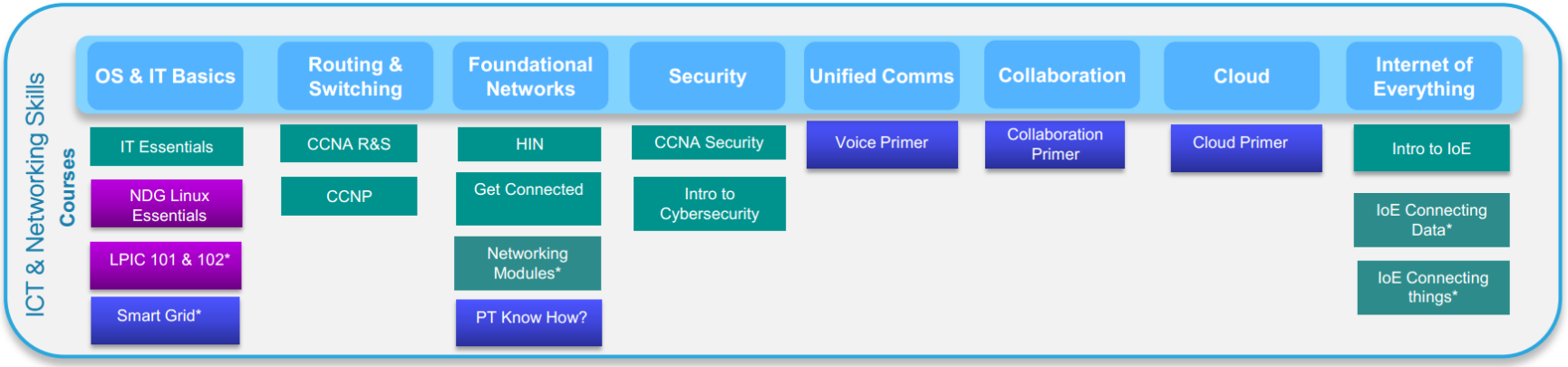


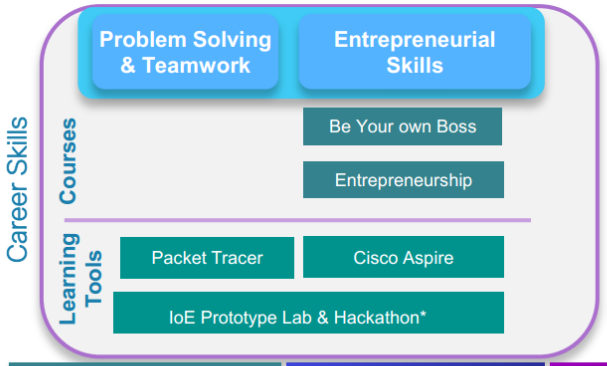


Cisco Developed | Community Developed | Partner Developed

**Outcomes**

- Drive Employment by improving skills
- Grow beneficiaries

| Course | Certification |
|---|---|
| IT Essentials | CompTIA A+ |
| CCNA R&S (courses 1&2) | Cisco CCENT |
| CCNA R&S (courses 1-4) | Cisco CCNA R&S |
| CCNP | Cisco CCNP |
| CCNA Security | Cisco CCNA Security |
| NDG Linux Essentials | Linux Essentials Certificate of Achievement |
| LPIC 1 | Linux Professional Institute Certification |

* Planned

# Networking Academy porfolio

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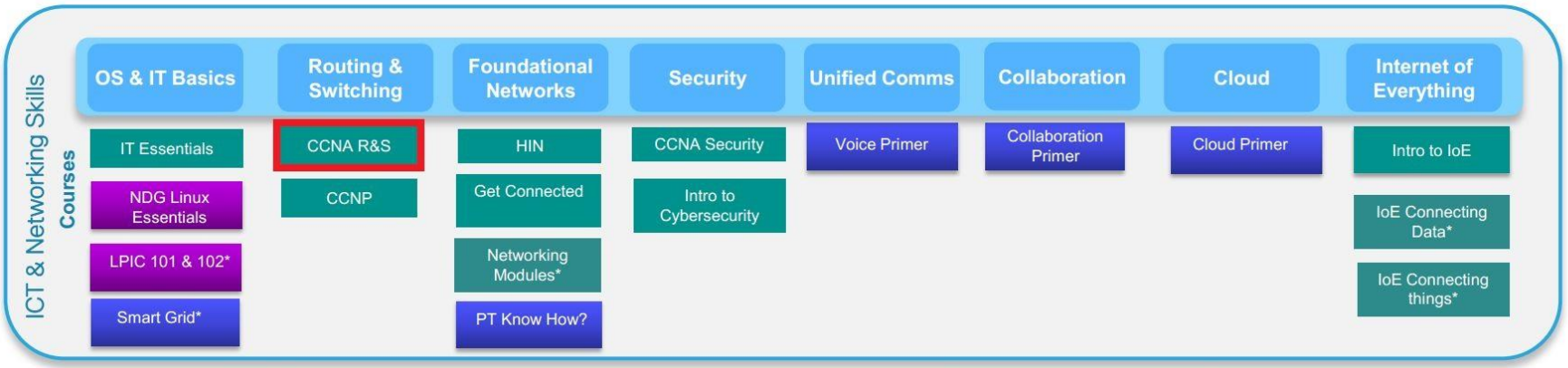

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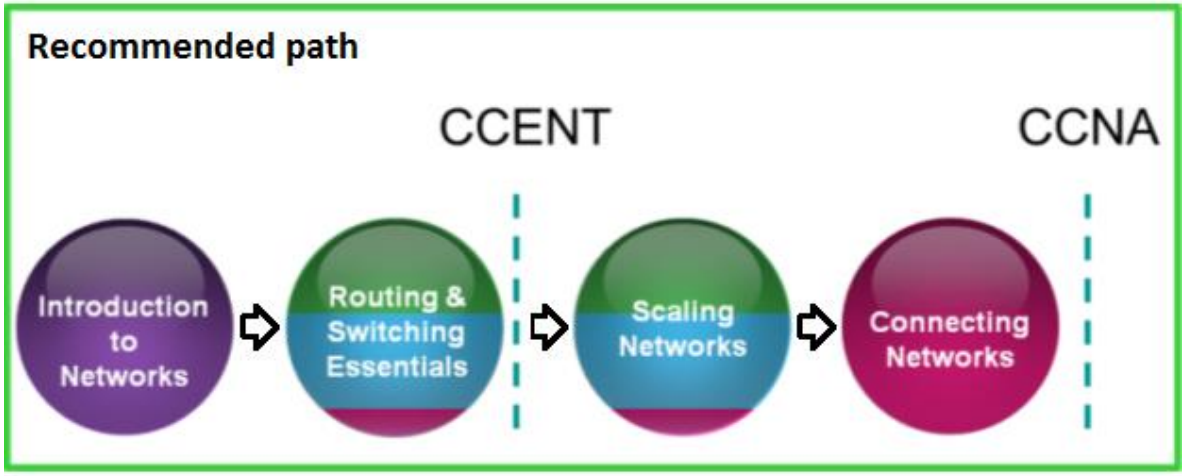
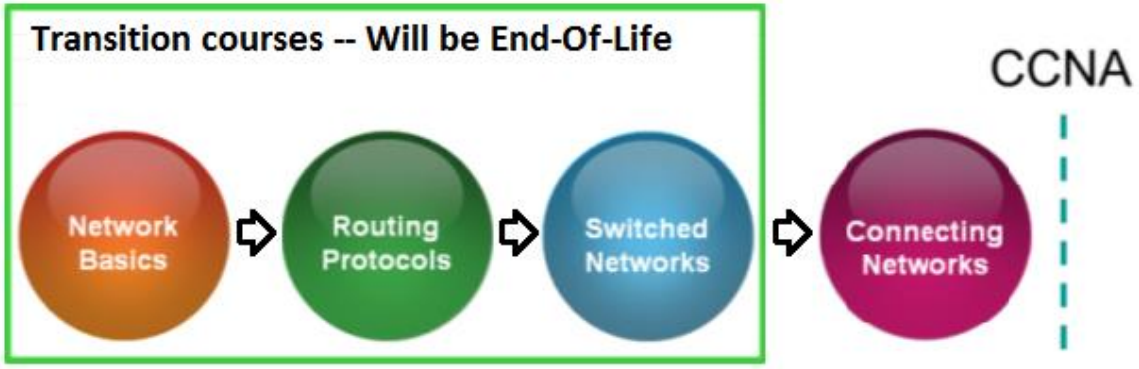
# CCNA Routing & Switching



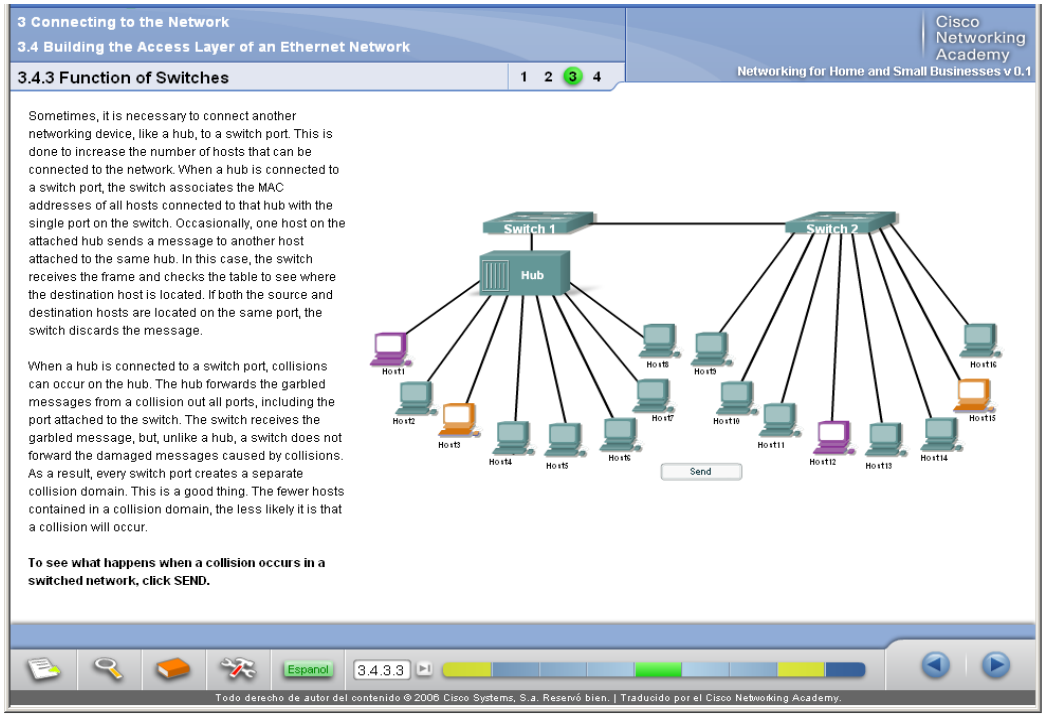


# What NetAcad offers to students



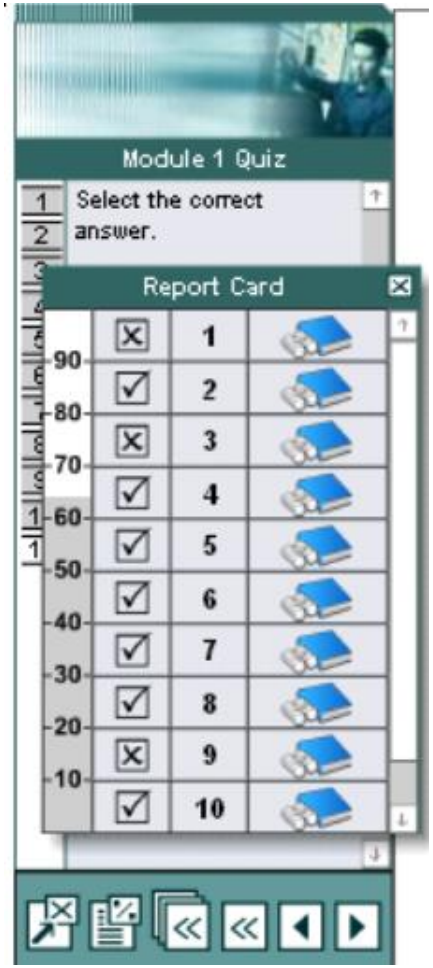
- Study Materials (e-curriculum, exercises)



# What NetAcad offers to students



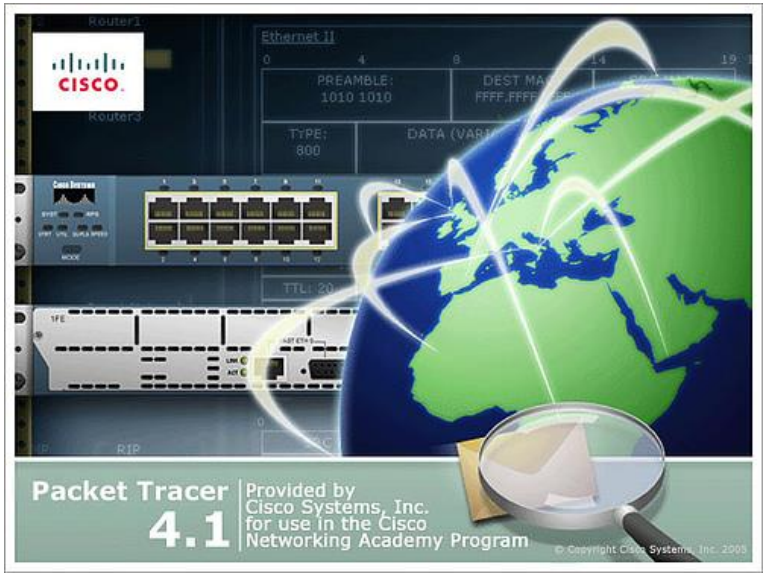
- Study Materials
- Knowledge evaluation (chapter exams, SBA)



# What NetAcad offers to students



- Study Materials
- Knowledge evaluation
- Network simulators



# What NetAcad offers to students



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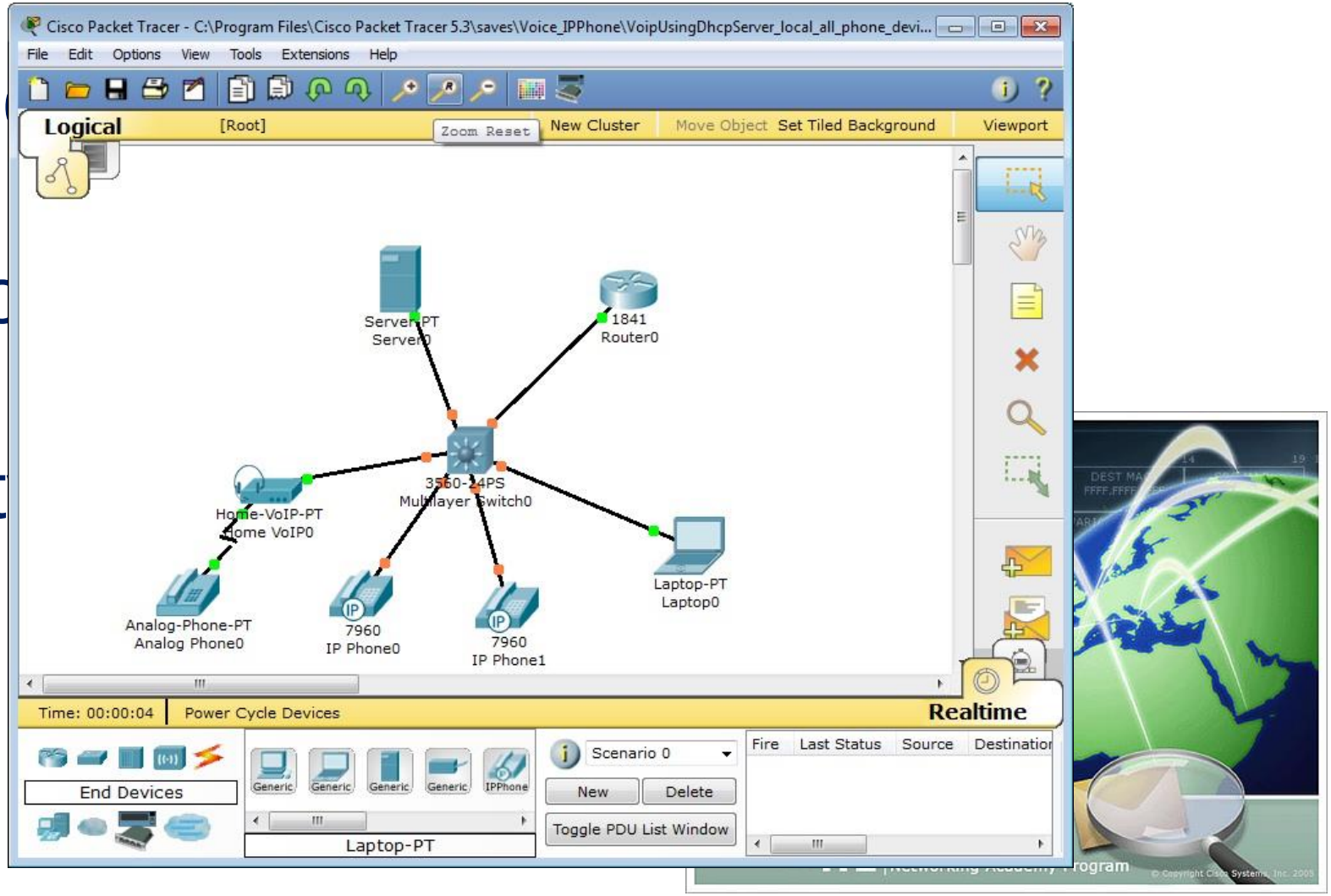
- Kno
- Net



# What NetAcad offers to students



- Study Materials
- Knowledge evaluation
- Network simulators
- Academic certifications

# What NetAcad offers to students



Cisco Systems
Networking Academy

## Certificate of Course Completion

Martin Vujcik

Date : October 10, 2006

Instructor : Fecilak, Peter

Location : Kosice

Academy Name : Technical University of Kosice

Instructor's Signature

**During Fundamentals of Wireless LANs, administered by the undersigned instructor, the student demonstrated the following proficiencies:**

- Design a logical WLAN architecture for mobile wireless users in compliance with 802.11 IEEE standards;
- Demonstrate knowledge in WLAN applications as they relate to EM spectrum, radio wave propagation, modulation techniques, and frequency and channel usage in wireless technologies;
- Installation of in-building and building-to-building WLANs with Cisco devices that meet mobility and throughput specifications including the site survey and documentation;
- Perform hardware setup and software configuration of Cisco Aironet APs and antennas for Ethernet/Radio ports, and services;
- Perform hardware setup and software configuration of Cisco Aironet equipment for Ethernet/Radio ports and services specific to the WLAN needs for Access Points, Bridges, Repeaters, and Site Survey Client functionality;
- Upgrade and distribute firmware on Cisco wireless products throughout a WLAN;
- Identify, define features of, and install, directional and omnidirectional antennas in both building-to-building and in-building WLANs;
- Design and setup of WLAN security using WEP, Cisco LEAP and 802.1x protocols;
- Troubleshoot WLAN performance issues using event loggings, command line utilities, and diagnostic tools.

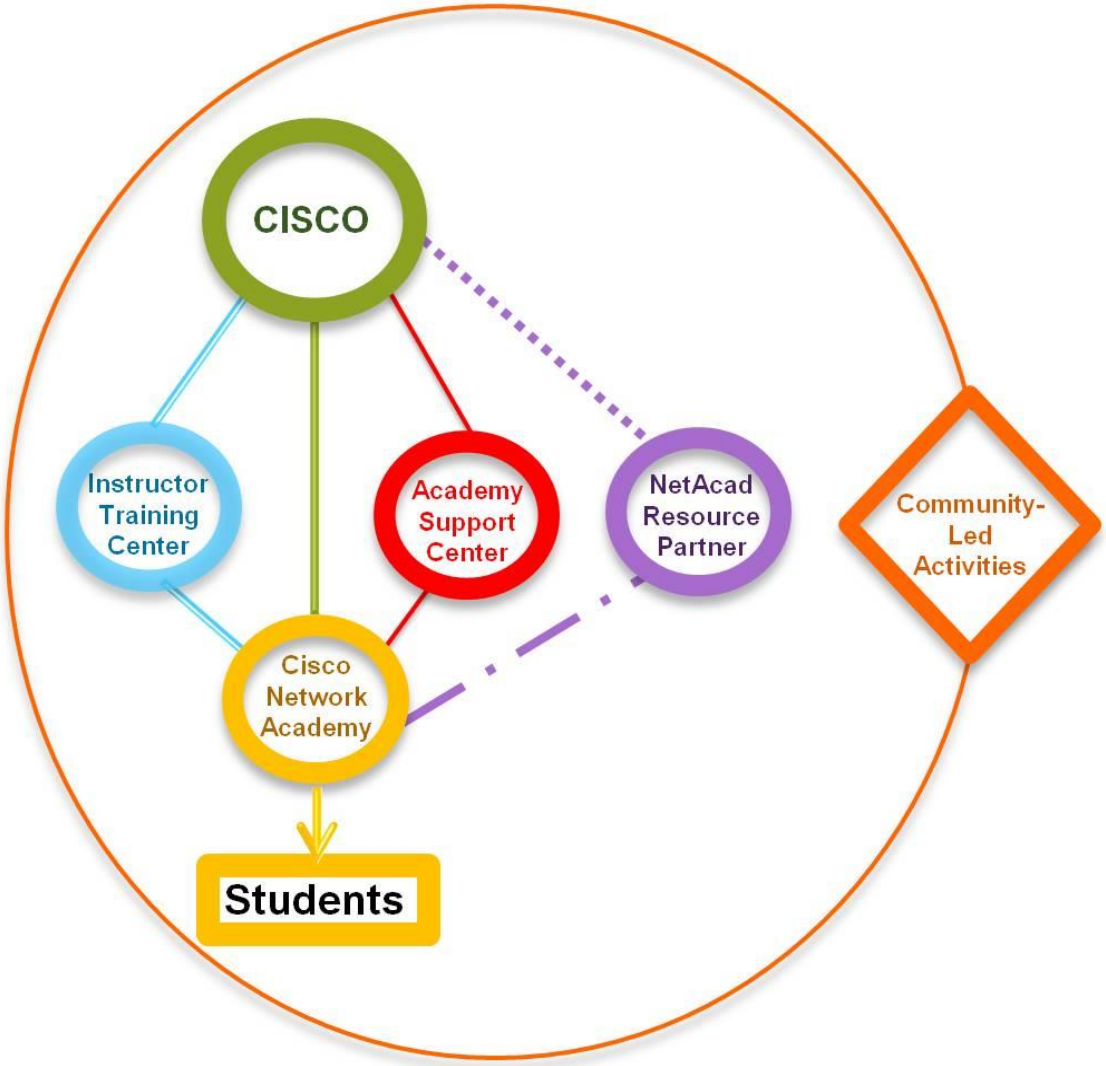
# To do...



- Chapter exam
  - >80%
- Final exam
  - >80%
- Practice Final Exam
  - >70%

# NetAcad institutions






A S C
N R P
I T C
C A

# NetAcad institutions



**Cisco Academy**

- an educational institution
- provides Cisco Networking Academy curricula to students directly

**Academy Support Center**

- an institution that has qualified to provide baseline support to academies
- helps academies with on-boarding activities and localizing critical communications

**Instructor Training Center**

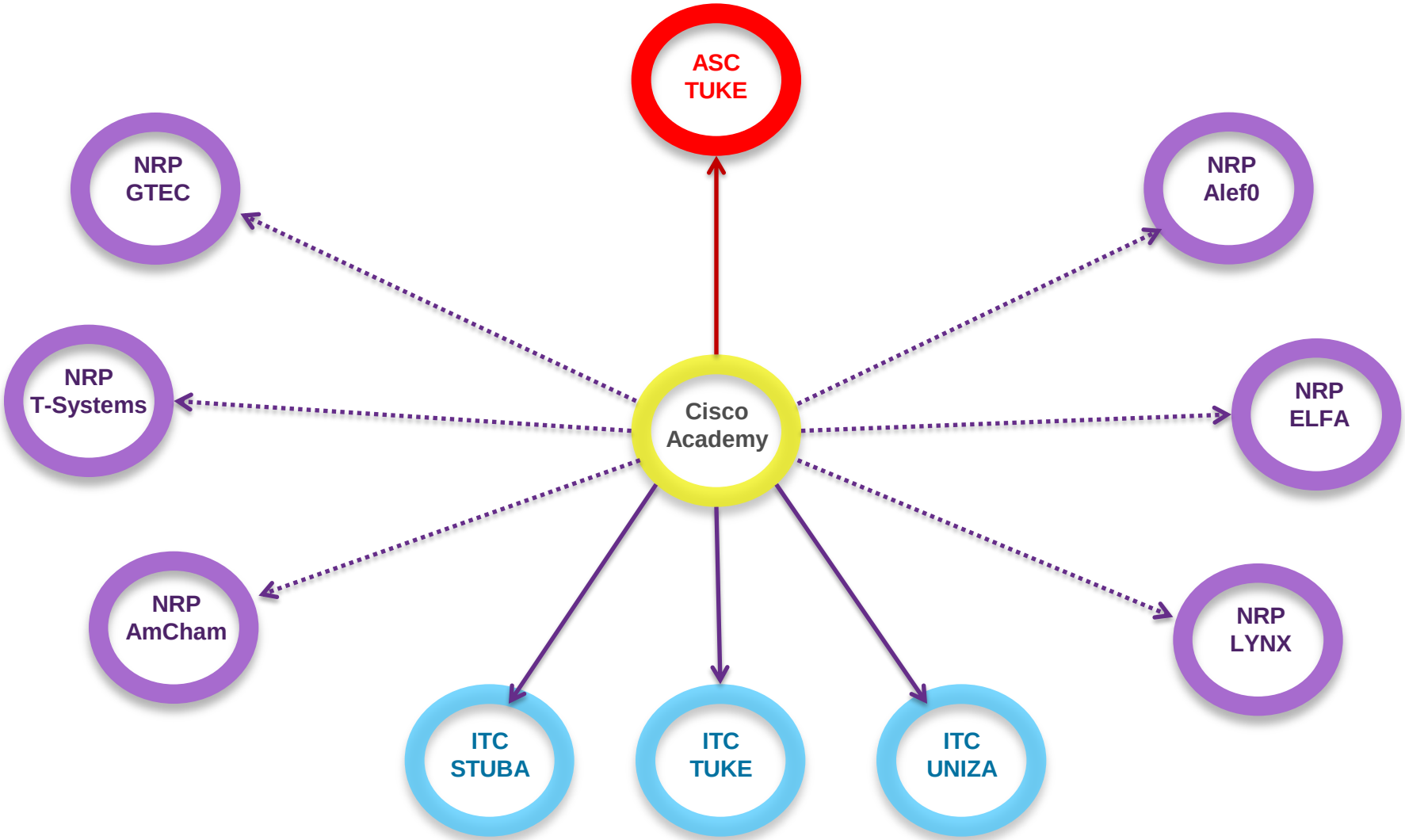
- an institution that has qualified to provide instructor training and technical support to academies
- offers instructor training, and provides technical support for 1st year of academy operation

**NetAcad Resource Partner**

- an entity approved to provide additional services to academies (beyond training, technical support, and baseline support) and to other institutions in the academy community
- services may include student support, marketing, recruiting, translation of learning resources, council coordination, and more

# NetAcad structure in Slovakia





# ASC TUKE



- over 70 academies
  - Slovakia
  - Belgium
  - USA
  - Egypt
  - Romania
  - Ukraine
  - Azerbaijan

# Thank you for your attention...

Q & A