

# INSTITUTE OF MANAGEMENT AND INFORMATION TECHNOLOGY



# Training guide

**COMPACT**

# Cisco Certified Network Professional CCNP



Vak: Cisco Certified Network Professional

Vakcode: CCNP

Status: Nova Accredited programme

Paramaribo, 2019

# Training guide

Course: CCNP

Cisco Certified Network Professional

Topics by Keywords: Routing IPv4 + IPv6, switching(layer2 + multilayer), troubleshooting

## Detailed Course Information

### Training Overview

Cisco Certified Network Professional (CCNP) Routing and Switching certification validates the ability to plan, implement, verify and troubleshoot local and wide-area enterprise networks and work collaboratively with specialists on advanced security, voice, wireless and video solutions. The CCNP Routing and Switching certification is appropriate for those with at least one year of networking experience who are ready to advance their skills and work independently on complex

network solutions. Those who achieve CCNP Routing and Switching have demonstrated the skills required in enterprise roles such as network engineer, support engineer, systems engineer or network technician. The routing and switching protocol knowledge from this certification will provide a lasting foundation as these skills are equally relevant in the physical networks of today and the virtualized network functions of tomorrow.

### Learning Outcomes

By the end of this refreshment training, participants should be able to

- plan, configure and verify the implementation of secure enterprise LAN and WAN routing solutions using a range of routing protocols.
- plan, configure and verify the implementation of complex enterprise switching solutions using Cisco's Campus Enterprise Architecture.
- plan and perform regular maintenance on complex enterprise routed and switched networks and (2) use technology-based practices and a systematic ITIL-compliant approach to perform network troubleshooting.

### Instructional Method and Requirements

During this training, participants can expect:

- Classroom setting Lectures
- Practical scenarios
- Exam training

There are three mid-course evaluations and the course is concluded by means of the Cisco Certification Exams.

### Accreditation/ Certification/ Recognition

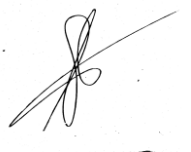
These courses are an integral part of the IMIT education program accredited by the "National Orgaan voor Accreditatie" (NOVA). The successful completion of the course entitles non-IMIT students an IMIT (sub) certificate. IMIT is recognized by The Ministry of Education, Science and Culture (MINOWC).

IMIT

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SUBJECT TO ANY CHANGES 1.28.19