

CCNA Discovery

Course Description:

The Cisco CCNA® Discovery curriculum provides foundational networking knowledge, practical experience, opportunities for career exploration, and soft-skills development to help students prepare for entry-level careers in IT and networking. The curriculum offers a hands-on approach to learning, and uses interactive tools and easy-to-follow labs to help students learn the general theory needed to build networks.

CCNA Discovery is designed to be offered as an independent, standalone curriculum or combined with programs offered by secondary schools, technical schools, colleges, and universities. Students who enroll in CCNA Discovery are not expected to have any previous technical skills or knowledge, aside from basic PC skills.

The CCNA Discovery curriculum is composed of four courses:

- [Networking for Home and Small Businesses](#)
- [Working at a Small-to-Medium Business or ISP](#)
- [Introducing Routing and Switching in the Enterprise](#)
- [Designing and Supporting Computer Networks](#)



The courses are delivered sequentially, and each course is a prerequisite for the next course. CCNA Discovery teaches networking based on application covering the types of practical networks students may encounter, from simple home or small office networks to more complex enterprise models. Students learn the technical skills and soft skills needed to succeed in entry-level networking professions such as a network installer, help desk technician, pre-sales support technician, or network technician. CCNA Discovery also provides an introduction to advanced technologies such as voice, video, wireless, and security

Packet Tracer

The curriculum encourages students to explore networking concepts with tools such as Packet Tracer, a powerful network simulation program developed by Cisco that allows Students to experiment with network behavior and ask “what if” questions.

Recognized Certification

The CCNA Discovery curriculum prepares students for two different Cisco certification exams, CCENT® or CCNA®. After completing the first two courses, a student can choose to complete the CCENT® certification (Cisco Certified Entry Network Technician) certification exam. CCENT certifies that students have developed the practical skills required for entry-level networking support positions. CCENT is an optional first step toward earning the Cisco CCNA® network associate certification, which is the foundational certification for networking careers. Students who complete all four CCNA Discovery courses will be prepared for the industry-standard CCNA certification exam.

Skills and Competencies

Here are some examples of the skills students will be able to perform after completing each course:

CCNA D1: Networking for Home and Small Businesses	CCNA D2: Working at a Small-to-Medium Business or ISP
Set up a personal computer system, including the operating system, interface cards, and peripheral devices	Understand the structure of the Internet and how communication occurs between hosts
Plan and install a small network connecting to the Internet	Install, configure, and troubleshoot Cisco IOS devices
Troubleshoot network and Internet connectivity	Plan a basic wired infrastructure to support network traffic
Share resources such as files and printers among multiple computers	Configure a server to share resources and provide common Web services
Recognize and mitigate security threats to a home network	Implement basic WAN connectivity using Telco services
Configure an integrated wireless access point and wireless client	Demonstrate proper disaster-recovery procedures and perform server backups
CCNA D3: Introducing Routing and Switching in the Enterprise	CCNA D4: Designing and Supporting Computer Networks
Implement a LAN for an approved network design	Gather customer requirements
Configure a switch with VLANs and inter-switch communication	Design a simple Internetwork using Cisco technology
Implement access lists to permit or deny specific traffic	Design an IP addressing scheme to meet LAN requirements
Implement WAN links	Create an equipment list to meet LAN design requirements
Configure routing protocols on Cisco devices	Install and configure a prototype Internet-work
Perform LAN, WAN, and VLAN troubleshooting using a structured methodology and the OSI model	Obtain and upgrade Cisco IOS software in Cisco devices

Training Duration:

Each of the CCNA Discovery Courses consists of 70 hours, usually delivered three (3) times a week on sessions of (2) hours per day.

Training Cost:

AUK Training and Development Institute offers different prices for morning and evening courses. Note that only CCNA Discovery has 10% discount, if offered as a package.

CCNA DISCOVERY	Course Price - Day	Course Price - Evening
CCNA Discovery 1 -	€ 245.00	€ 280.00
CCNA Discovery 2 -	€ 245.00	€ 280.00
CCNA Discovery 3 -	€ 255.00	€ 295.00
CCNA Discovery 4 -	€ 255.00	€ 295.00
Total (10% discount):	€ 900.00	€ 1,035.00

*Day price is for classes from 09:00 – 17:00 hrs

Class plan for academic year 09/10:

Course	Schedule	Start Date	End Date	Week Days
CCNA Discovery 1	13:00 - 15:00	13-Jul-09	9-Oct-09	M-W-F
CCNA Discovery 1	17:00 - 19:00	11-Aug-09	30-Oct-09	T-Th-S
CCNA Discovery 1	09:00 - 11:00	14-Sep-09	2-Dec-09	M-W-F
CCNA Discovery 1	19:00 - 21:00	2-Nov-09	5-Feb-10	M-W-F
CCNA Discovery 1	19:00 - 21:00	17-Nov-09	20-Feb-10	T-Th-S
CCNA Discovery 1	09:00 - 11:00	1-Dec-09	27-Feb-10	T-Th-S
CCNA Discovery 1	19:00 - 21:00	6-Jan-10	26-Mar-10	M-W-F
CCNA Discovery 1	17:00 - 19:00	20-Apr-10	6-Jul-10	T-Th-S
CCNA Discovery 1	11:00 - 13:00	11-May-10	13-Jul-10	T-Th-S
Course	Schedule	Start Date	End Date	Week Days
CCNA Discovery 2	11:00 - 13:00	17-Aug-09	6-Nov-09	M-W-F
CCNA Discovery 2	17:00 - 19:00	14-Sep-09	27-Nov-09	M-W-F
CCNA Discovery 2	13:00 - 15:00	2-Nov-09	29-Jan-10	M-W-F
CCNA Discovery 2	17:00 - 19:00	17-Nov-09	18-Feb-10	T-Th-S
CCNA Discovery 2	09:00 - 11:00	4-Jan-10	26-Mar-10	M-W-F
CCNA Discovery 2	19:00 - 21:00	1-Mar-10	17-May-10	M-W-F
CCNA Discovery 2	19:00 - 21:00	9-Mar-10	22-May-10	T-Th-S
CCNA Discovery 2	19:00 - 21:00	12-Apr-10	2-Jul-10	M-W-F
Course	Schedule	Start Date	End Date	Week Days
CCNA Discovery 3	17:00 - 19:00	15-Jul-09	23-Oct-09	T-Th-S
CCNA Discovery 3	17:00 - 19:00	15-Sep-09	12-Dec-10	T-Th-S
CCNA Discovery 3	09:00 - 11:00	16-Sep-09	11-Dec-09	M-W-F
CCNA Discovery 3	11:00 - 13:00	2-Dec-09	12-Mar-10	M-W-F
CCNA Discovery 3	17:00 - 19:00	4-Jan-10	2-Apr-10	M-W-F
CCNA Discovery 3	17:00 - 19:00	2-Mar-10	22-May-10	T-Th-S
CCNA Discovery 3	19:00 - 21:00	8-Jun-10	28-Aug-10	T-Th-S
Course	Schedule	Start Date	End Date	Week Days
CCNA Discovery 4	19:00 - 21:00	18-Aug-09	6-Nov-09	T-Th-S

CCNA Discovery 4	13:00 - 15:00	14-Sep-09	27-Nov-09	M-W-F
CCNA Discovery 4	19:00 - 21:00	14-Sep-09	27-Nov-09	M-W-F
CCNA Discovery 4	17:00 - 19:00	11-Nov-09	12-Feb-10	M-W-F
CCNA Discovery 4	09:00 - 11:00	11-Jan-10	2-Apr-10	M-W-F
CCNA Discovery 4	11:00 - 13:00	5-Apr-10	25-Jun-10	M-W-F
CCNA Discovery 4	17:00 - 19:00	3-May-10	19-Jul-10	M-W-F
CCNA Discovery 4	17:00 - 19:00	8-Jun-10	28-Aug-10	T-Th-S