



Cisco Certified Network Associate (200-301 CCNA)



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Cisco Certified Network Associate (200-301 CCNA) - eCollege Course

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Enrolment and Course Access

eCollege Login

Once you have activated the course, you will always log in to eCollege here: www.ecollege.ie.

eCollege Password

If you forget your password, you can use the password reset option on eCollege:

https://ecollege.etbonline.ie/login/forgot_password.php

Course Start Date

The course starts once you have logged into eCollege. We run this course on a continuous intake basis. You may see other start dates on Fetch Courses; these are incorrect.

Course Length

We allow **26** weeks to complete the course, and we suggest you will need to study about **10** hours a week. Based on previous statistics, many learners complete this course in less than 26 weeks.

There are several contact hours within the interactive tutorials, and you may have to go back over specific topics. There is also a portion of self-directed learning involved.

eCollege Course Structure

We have laid out the course structure with these topics:

- Getting Started
- Course Resources
- Course Content (multiple topics)
- Test Preparation
- Exam Booking

Getting Started Topic

The Getting Started topic includes:

- Induction Module
 - Online Learning
 - eCollege Policies and Procedures
 - Workstation Safety
- Getting Started Questionnaire
 - Provides you with valuable course information. We also ask some questions concerning your employment and education status.

Course Resources Topic

The Course Resources topic includes a course introduction video, recommended reading, exam information, optional video tutorials, and details about required software.

You can use these resources as you progress through the course.

Course Content Topics

All course work is included in the following **20** Course Content topics:

1. OSI Model, Packet Tracer and Basic Terms
2. Networking Fundamentals: Networking Fundamentals and Components
3. Networking Fundamentals: Topology Overview and Interfaces
4. Networking Fundamentals: Interfaces and Cabling
5. Networking Fundamentals: Networking Protocols and IP Addressing
6. Networking Fundamentals: IPv6 Addressing and Configuration, IP Addressing for Windows, Linux and Mac
7. Network Access: Network Access Overview and Vlan's
8. Network Access: L2 Discovery Protocols and EtherChannel
9. Network Access: Spanning Tree Protocol
10. Network Access: Wireless Components, Configuration and Management
11. IP Connectivity: Static, Floating and Default Routing
12. IP Connectivity: Dynamic Routing Basics, OSPFv2 and FHRP's
13. IP Services: NAT, NTP, DNS and DHCP
14. IP Services: SNMP, Syslog, SSH, QoS and FTP Protocols
15. Security Fundamentals: Overview and Concepts
16. Security Fundamentals: Introduction to AAA and VPN Concepts
17. Security Fundamentals: Configuring and Verifying Access Control Lists
18. Security Fundamentals: Configuring Port Security, DHCP Snooping and DAI
19. Automation and Programmability: Overview, Network Programmability, SDN Architectures and API Concepts
20. Automation and Programmability: Interpret JSON Encoded Data

Test Preparation Topic

The Test Preparation topic helps ensure you are ready for your examination. You will complete activities that prepare you for the examination. You must achieve a certain percentage in these activities before moving on to the Exam Booking stage.

Exam Booking Topic

In the Exam Booking topic, you will complete the Course Questionnaire and Exam Booking Form to help guide you through the exam booking process.

Course Information and Syllabus

Prerequisites

We recommend that students first complete one or more of the following (available on eCollege):

- Microsoft Technology Associate (MTA) in Networking
- Microsoft Technology Associate (MTA) in Security Fundamentals
- CompTIA A+ course
- CompTIA Network+ course

There are no formal requirements for taking the new exam; however, these are the recommendations from Cisco:

- Have an understanding of all exam topics
- One or more years of experience with computer networking and Cisco equipment
- Good grasps of network fundamentals

Course Information

The Cisco certification is an internationally recognised industry-standard qualification for anyone in an IT and networking role, held by more than half a million people worldwide.

This online course will teach you a wide range of topics, such as routing and switching, security, wireless networking, and even some programming concepts.

You can review the course syllabus [here](#).

QQI/FETAC

There is no QQI/FETAC qualification associated with this course.

Certification

Upon successful completion of the Cisco CCNA 200-301 examination, you will be awarded an industry qualification from Cisco. See more information [here](#).

Examination

Exam Costs

SOLAS will cover the cost of your exam.

Exam Format

- Approximately 120 questions
- Duration: 2 hours
- Passing score 825/1000

Register for the Examination

You will be able to register for the exam once you have completed all the topics, including the Test Preparation topic. After these are all successfully completed, the Exam Booking topic will be available to you.

At this point, eCollege administration staff will work with you to purchase the exam from Pearson VUE. This process will require you to create a Pearson VUE account and complete a registration form for them.

Where Can I Complete My Examination?

You can choose a physical Test Centre or the online option, whatever is convenient for you on the Exam Booking Form (if applicable). Once the Exam Booking Form is submitted, eCollege will send you an exam voucher, and you will be able to book your exam with Pearson VUE.

Refund of Public Travel Expenses

You may have to travel to a test centre; we can refund the cost of any public transport used. Please keep your receipts.

Exam Support

If you require accommodation (support for any documented learning difficulties), you need to apply for this in advance. Any request for additional support **will require documented evidence** from a medical professional.

We cannot request additional support on your behalf due to data protection. There is no requirement to start this process now. You will be able to do this once you have reached the Exam Booking topic.

Course Content

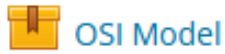
Live Classes

There are no live classes. The course content is laid out for you in interactive tutorials that can be accessed anytime once you are logged into eCollege.

Skillsoft Interactive Tutorials

Course content is created and designed by a company called SkillSoft. SkillSoft supply eCollege with interactive tutorials aligned to the course syllabus. These interactive tutorials are found within each topic. They cannot be viewed offline.

Within the Topic, Skillsoft interactive tutorials appear like this:

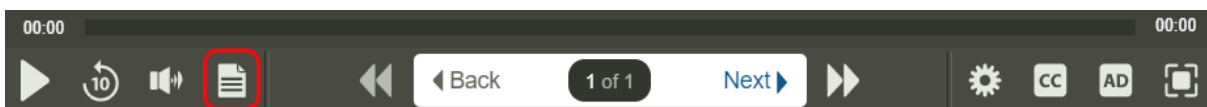


These icons launch **Skillsoft** video content.



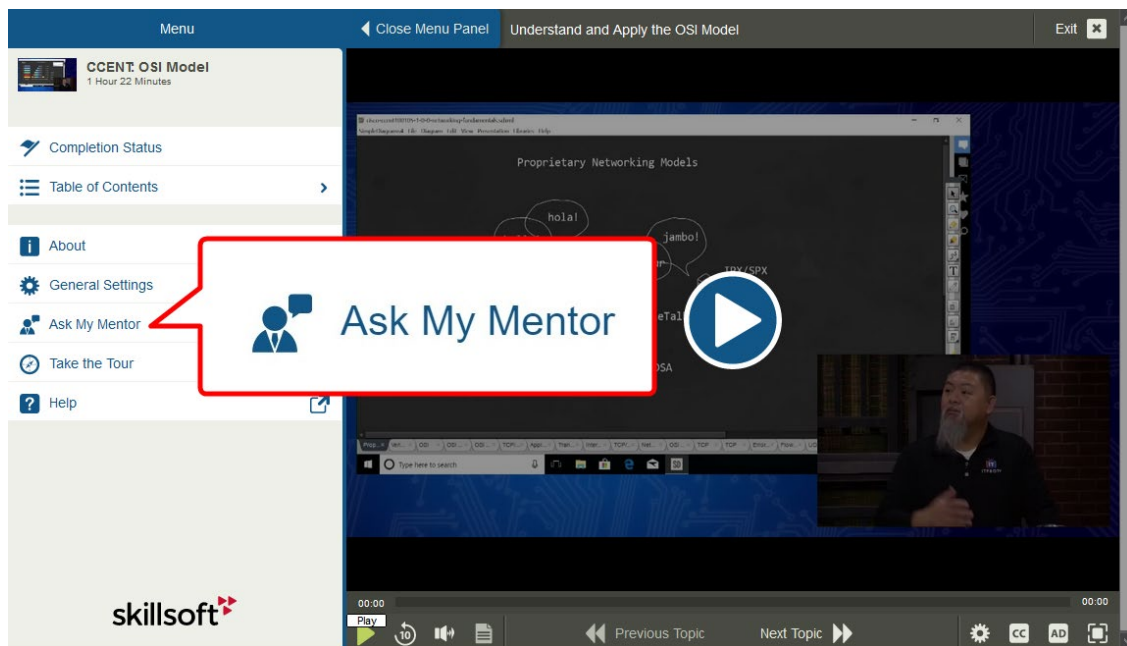
Skillsoft Interactive Tutorials – Transcripts

Skillsoft supply transcripts of the interactive tutorials. Transcripts are found within each interactive tutorial.



Skillsoft Interactive Tutorials - Ask My Mentor

SkillSoft also provides the **Ask My Mentor** support service, which you can access while you are in your course.



eBooks

There are a series of recommended eBooks and additional reference materials available in the Course Resources topic.

How to approach the course

Once you have completed all the activities in the Getting Started topic, Course Resources, and Course Content material will be unlocked and available to you.

You will progress through each course topic in order. Course Content topics focus on the course material supplied by SkillSoft.



How to approach the first topic

<p>1</p>	<p>Course Material:</p> <p>Review the interactive tutorial, click to open and click "start course":</p> <p>Start Course</p> <p>Review the table of contents and complete all parts of the tutorial..</p>	
<p>2</p>	<p>Assignment: Follow the instructions and complete the assignment.</p>	
<p>3</p>	<p>Quiz: This is a quiz to test your knowledge, complete it with a score of 80% to move on.</p>	

Review the forums, ask a question of your fellow participants if you wish to transfer knowledge.

Once you complete all steps for the topic, you can move to Topic 2 and repeat the process.

eCollege Support

We have a reliable support system in place, and you can contact us via email for any questions or concerns. You can request a phone call if you wish to speak to eCollege.

eTutor

There is an eTutor assigned to your course who is available via email if you have any subject matter related queries. Your eTutor will email you to welcome you to the course. You can also see their contact information on the course homepage.

Administration and Helpdesk

We have a team of administrators who can help with general course questions and technical support.

Technical Requirements

Most eCollege courses will require you to have a Windows PC, especially any Microsoft courses. Other courses may allow the use of an Apple device.

We recommend:

- Dual-core processor
- 4GB of RAM or higher
- The latest up-to-date operating system
- Chrome or Firefox web browser
- Minimum screen resolution of 1024 X 768
- High-speed broadband – we do not recommend the use of mobile dongles

A printer is not required.

Pop-Ups

You must enable popups to allow the interactive course material to run. Please add the following URL as an authorised site for popups: <https://ecollege.etbonline.ie/>. Do not turn off popup blockers completely.

How to do this per browser:

- [Chrome](#)
- [Firefox](#)
- [Internet Explorer](#)
- [Edge](#)

eLearning General Information

We are aware that eLearning has its challenges that can prevent you from absorbing the content and the critical aspects of the course.

We are also aware that you may be on-the-go and don't have a lot of time to devote to the eLearning experience.

You can overcome this by engaging your course in bite-sized chunks when you are ready to learn.

You should also avoid lengthy study sessions; by doing this, you give yourself the chance to acquire and retain information more effectively.

We also offer the opportunity for peer collaboration through the various discussion forums within the course, where learners can collaborate on the subject matter. If you have a specific issue with the course, we advise you to contact the eCollege team.