CompTIA Network+

ecollege

CompTIA Network+ 2017- 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 **16** 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 **16** weeks.

There are approximately **28** 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 exam information, the course syllabus, recommended reading, information on Networking Basics and a learning plan. You can use these resources as you progress through the course.

Course Content Topics

All course work is included in the following **12** Course Content topics:

1. OSI Model, Encapsulation & Cloud/Network Types
2. Cables, Connectors and Cable Management
3. IP Addressing and Subnetting
4. Ports and Protocols
5. Network Services, Datacenter and Cloud Concepts
6. Network Devices and Implementation
7. Switching, Routing and Wireless Standards
8. Network Operations, Documentation and Procedures
9. Disaster Recovery/High Availability, Load Balancing
10. Security Concepts and Network Attacks
11. Remote Access, Physical Security and Network Hardening
12. Network/Cable Troubleshooting Methodologies and Tools

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

There are no prerequisites required to begin this course, but CompTIA A+ certification or equivalent knowledge is recommended, or at least nine to 12 months of work experience in IT networking. Other recommended skills include:

- A high level of computer literacy

- Logical thinking and strong problem solving

- A strong interest in computer networking

Course Information

The CompTIA Network+ certification is an internationally recognised industry-standard qualification for IT and networking technicians, held by more than half a million people worldwide.

This online course will teach you the essential skills needed to confidently configure and manage common wireless and wired network devices. You will learn the fundamentals of basic network design and connectivity; understand and maintain network documentation; identify network limitations and weaknesses, and implement network security, standards and protocols.

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 examination, you will be awarded an industry qualification from CompTIA. See more information here.

Examination

Exam Costs

SOLAS will cover the cost of your exam.

Exam Format

- CompTIA Network+ N10-008 has been updated and reorganised to address the current networking technologies with expanded coverage of several domains by adding:
  - Critical security concepts to helping networking professionals work with security practitioners
  - Key cloud computing best practices and typical service models
  - Coverage of newer hardware and virtualisation techniques
  - Concepts to give individuals the combination of skills to keep the network resilient
- Maximum of 90 multiple-choice and performance-based questions
- Passing score: 720 (on a scale of 100-900)
- Time Limit: 90 minutes

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 Pearson VUE Test Centre that is convenient for you on the Exam Booking Form. You can also choose to sit your exam [online](#) (at home). 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

The course content is laid out for you in interactive tutorials that can be accessed anytime once you are logged into eCollege. There may be occasional supplementary webinars.

eBooks

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

How to approach the course?

- Complete each topic step-by-step
- Complete the Test preparation and Exam Booking sections at the end

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.