

## CISCO CERTIFIED NETWORK ASSOCIATE PROGRAMME (CCNA) CODE: TA\_ECISC\_C

1 year part time

### Who is this course for?

This course would benefit IT professionals seeking to gain a deeper understanding of the technologies that make up the Internet, or those interested in a career in networking who have some prior related training, experience or qualifications and a strong interest in gaining technical and hands on skills in our hardware laboratory.

### Entry Requirements

There is no entry requirement but it is strongly advised that students have a prior technical background, qualification or high level of technical interest and motivation. Applicants must meet the English language requirements the Institute.

### Course Timetable

The course runs one evening per week over two semesters.

### Who can apply

This course is open to all eligible students

### Course Summary

Students will study relevant Internet technologies such as; The TCP/IP protocol suite; Ethernet; IP version 4 **addressing and** subnetting; IP version 6; Virtual LANs (VLANs);

Access control lists (ACLs); DHCP; Domain Name System (DNS); Network Address Translation (NAT); Spanning-Tree protocol (STP); Etherchannel; Hot Standby Router protocol (HSRP); Routing Information Protocol (RIP), Open Shortest Path First (OSPF), Enhanced Interior Gateway Routing Protocol (EIGRP), Border Gateway Protocol (BGP); Virtual Private Networks (VPN); Multi-Protocol Label Switching (MPLS), and Quality of Service.

### Career Opportunities

Module 1 Introduction to Networks  
Module 2 Routing and Switching Fundamentals  
Module 3 Scaling networks  
Module 4 Connecting Networks (WAN)  
There are in-house assessments for each module, and on successful completion students will receive course completion certificates from the Cisco Academy at IT Tallaght. Students may then apply to take the CCNA official exam at any Person VUE exam centre after course completion. The exam cost is not included in the course cost.

### Course and Exam Information

The CCNA certification is a highly regarded qualification within the worldwide networking industry. The course examines the protocols that make the Internet the highly successful global phenomena that it has become to-day. There is strong emphasis on problem-solving and troubleshooting skills, with classes taking place in world class hardware laboratories to enable students to meet challenges with confidence and expertise while at the same time providing graduates with the knowledge to gain a well-known and respected qualification within the industry.

### How to Apply

#### Students apply directly to IT Tallaght

Please apply through [www.it-tallaght.ie](http://www.it-tallaght.ie)

Total cost of course €1,800

#### Please Note

You will be required to pay a €100 application fee with your application. If you are offered a place on the course your fee will be put towards your full course fees. The application fee is only refundable if the course does not run.

**On acceptance of place - €550**

**Payment of half your course fees due by 31 October 2018.**

**Payment of full fees due by 31 January 2019.**

### KEY DATES

INDUCTION	4 <sup>th</sup> /5 <sup>th</sup> September 2018
CLASSES BEGIN	Mid-September 2018
CLASSES FINISH	End April 2019
EXAMS	January and May 2019
RESULTS	June 2019

#### For further information – course specific

Please Contact: [ccna@it-tallaght.ie](mailto:ccna@it-tallaght.ie)

#### For queries on the application process

Please contact [LLL@it-tallaght.ie](mailto:LLL@it-tallaght.ie) or phone the Lifelong Learning Team @ 01-4042101

