

Presentation pattern *October to March*

Module description

TMXY130 is one of the first modules studied by Degree Apprenticeship students taking the BSc (Honours) Digital and Technology Solutions. The module introduces key concepts in networking and cyber security, together with mathematical topics relevant to the study of OU Computing modules.

TMXY130 provides students with relevant knowledge, understanding and skills across the different computing technologies covered, whilst helping them to develop study skills and become independent and reflective learners. Students will study solely online via the module website pointing out to Cisco material (two-thirds of the content). Tutors will support students through a mix of synchronous and asynchronous activities.

Person specification

The person specification for this module should be read in conjunction with the [generic person specification](#) for an associate lecturer at The Open University.

As well as meeting all the requirements set out in the generic person specification, you should:

- be a confident computer user with a background in their use for work, education or social purposes
- be knowledgeable about current computer and communication technologies and have an active interest in developments associated with Computing and IT
- have an ability to develop students' mathematical skills, including problem-solving and algorithmic thinking
- have an ability to teach the underlying concepts and technical principles of networking and cyber security, and their application in the workplace
- have an ability to develop students' skills in written communication, numeracy, digital and information literacy and use of the English language
- have an ability and enthusiasm for facilitating asynchronous forum based activities and moderating online forums
- have an ability and enthusiasm for delivering both online tutorials, and face-to-face tutorials
- be willing to actively participate in an online community of teachers and learners
- be prepared to use and develop skills as a teacher, using new and evolving technologies to support student learning
- be interested in using your knowledge and skills to address the faculty's retention and progression agenda

It would be an advantage to have:

- experience with Cisco Networking Academy content
- an appropriate teaching qualification or accreditation (e.g. PGCE or equivalent; HEA membership or equivalent;)
- experience of working with peers to deliver tuition
- willingness to work with other OU colleagues in supporting students on our Degree Apprenticeship Programme

Module related details - a full explanation can be found on the website

Credits awarded to the student for the successful completion of a module:	30
Number of assignments submitted by the student:	3
Method of submission for assignments:	2
Level of ICT requirements:	3
Number of students likely to be in a standard group:	20
Salary band:	4
Estimated number of hours per teaching week:	6