Security+ Preparation

Programme duration

48 hours
Option of weekend or evening classes

Qualification description

This module explores the diverse subject of security, looking at general security principles and terms, common security issues and the procedures for correcting them, as well as how attacks against systems and networks are carried out, their symptoms and their impact on individuals and organisations, as well as the counter-measures that can be implemented to mitigate them. Wired, wireless and virtualised communication and network infrastructure security, cloud computing security, organisational and operational security, cryptography techniques and physical and environmental controls along with how an organisation would manage and improve their security will also be explored.

Successful completion of this module will ensure that students understand what is needed to secure today's computers and networks and will be able to use their knowledge and skills gained to configure tools and apply security measures to ensure the security of the systems they will be using and networks they will be managing.

Creating a virtualisation environment will require an understanding of the host system and its limitations as well as the requirements of the guest operating system. This module will encourage the student to explore how this may be accomplished and implement a viable system for commercial or personal use.

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