

- Describe the role that SSL, http and public key certificates play in reducing the risk of electronic fraud
- Identify sources of information relating to Internet security and discuss their relevance
- Describe the role that Certification Authority plays in the provision of secure Web transmissions
- Demonstrate how access control restrictions can be implemented on a Web server
- Develop a privacy statement for a web site

Assessment:

Weighting	Nature of assessment	Learning outcomes
20%	Research assignment covering infrastructure planning, including mandatory oral exam	1
60%	Practical assignment covering server and browser installation and website development, including mandatory oral exam	2, 3, 4, 5, 6
20%	In-class test covering copyright, privacy and security issues and the explain and/or discuss components of Learning Outcomes 5 and 6	7, 8 and Explain and/or discuss components of 5 and 6

Learning and teaching approaches:

Lectures, demonstrations, discussions and laboratory (practical) classes.

Students learn by doing real practical work.

They understand network operating system management tasks and concepts by installing and maintaining their own network

Collaborative knowledge building and learning

Learning communities.

Learning resources required:

Text Book: refer to the current programme booklist.

Additional notes, slides and external links (essential) made available on BlackBoard and/or Moodle.

Learning resources recommended:

External links (recommended) made available on BlackBoard and/or Moodle.