



Component Standard

Computer Network Evidence Recovery and Analysis

Purpose

To equip students with an understanding of computer network technologies and methods for recovering and analysing data resulting from network activity.

General Outcomes

The course should be designed to enable the student to:

1. demonstrate understanding of network architectures, layers and protocols;
2. demonstrate understanding of network devices/components and data retained and produced by them;
3. demonstrate ability to identify and locate devices using information contained within the network;
4. understand, explain and analyse relevant applications which use the network and the data created by their usage;
5. understand and explain common network security features & systems;
6. understand and explain common types of security threats which may adversely affect systems;
7. understand and explain anonymization/location/obfuscation methods;
8. understand and demonstrate evaluation and selection of toolsets for network investigation;
9. demonstrate awareness of laws affecting network investigations.