FORensics FUNdamentals

Week 0 Introduction to the FORFUN module
Soraya Harding & Rahim Taheri

Session Content

- Teaching Team

- Aims and Learning Outcomes

- Assessments

- Materials

- Time Management

Teaching Team

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If you have any questions, please ask!

Module Aims

- To develop an understanding of the processes and applications used in Computer Forensics

- To develop critical and analytical skills, and apply them to Computer Investigations.

Learning Outcomes

- Apply appropriate investigation techniques and follow forensic principles.

- Select appropriate Computer Forensics tools for the extraction and analysis of data.

- Evaluate and critically reflect on the use of forensic tools and techniques as well as on the interpretation of evidence.

Assessments

- Group report (two people per group). 3,000 words report on findings from examining a disk image and worth 60% of the module mark. Supervised Work session.
- In-class test. Mainly based upon the lecture and laboratory materials, this test will comprise of a multi-choice paper. It will be worth 40% of the module mark. January 2024

Performance Categories

- 1st --- 70%+

- 2:1   --- 60 – 68%

- 2:2   --- 50 – 58%

- 3rd --- 40 – 48%

- Fail   --- less than 40%

Aim high and work hard : Input = output

Materials

- All teaching materials (e.g. lecture presentations and laboratory instructions) will be posted on FORFUN moodle page

- Reading materials
  - Carrier, B. (2005) "File System Forensic Analysis". Addison Wesley
  - Carvey, H. (2011) "Windows Registry Forensics", Syngress
  - Volonino & Anzaldua (2008) "Computer forensics for dummies". John Wiley and Sons Ltd
  - Nelson et al (2015) "Guide to Computer Forensics and Investigations: processing digital evidence"

Module Delivery

- 45 minutes - 1 hour Lecture
- 2 hour Labs

Attendance will be taken at the beginning of each session

Time Management

- A 20-credit unit means that students should work around 8 hours per week: 2 hours contacting time and 6 hours independent study

- Reading materials

- Preparing coursework and in-class test

- Practising lab tasks