



Component Standard

Interpretation, Evaluation, and Presentation of Evidence

Purpose

To ensure that students have sufficient skills and knowledge to record evidence and all aspects of experimentation, manage data, interpret evidence, and cogently present in the written and spoken word their results in various legal contexts.

General Outcomes

The course should be designed to enable the student to:

1. record observations and experimentation, including experimental design, in a logical, comprehensive and contemporaneous manner in keeping with established and accepted codes of good practice;
2. understand the requirements of continuity of evidence;
3. demonstrate the correct use of contemporaneous notes, including facts and data to be recorded;
4. understand the function and practice of quality assurance;
5. assess analytical data from instrumentation applied to forensic examinations including the use of appropriate statistical tests;
6. interpret results in a meaningful, structured manner in the context of casework;
7. express the interpretation of results in a manner comprehensible to the intended recipient such as lawyers or a jury;
8. demonstrate how to assess the frequency of occurrence of evidential materials to aid in the interpretation of analytical results;
9. demonstrate an understanding of how to set up a series of casework related experiments or to aid in the interpretation of analytical results;
10. demonstrate awareness of the availability and use of databases to support interpretation;
11. write comprehensive, comprehensible, rational and impartial reports;
12. demonstrate good oral and presentational skills that would enable the student to be understandable in a court of law;
13. demonstrate how the scope of an investigation affects the forensic strategy and proportionality of the actions to be taken;
14. demonstrate an understanding of safe working practices (personal safety, safety of team members & others present *etc.*);
15. demonstrate an understanding of issues relating to conflict of interest and legal privilege;

16. demonstrate effective working as part of an investigative team;

Specialist Outcomes

17. **Digital Forensic specialisms** - demonstrate awareness and understanding of prevailing standards applicable to digital evidence (e.g. ACPO Good Practice Guide for Computer Based Electronic Evidence, Forensic Science Regulator's Standards, and ISO standards) and be able to demonstrate their application in context;
18. **Forensic Anthropology** - demonstrate an understanding of the importance of population-specific standards when creating osteological profiles and the significance of their impact on the interpretation of results.