Module Title **Professional Development In Computing** **Keywords** Computing Industry, Career Development, Computing Professional, Legal Obligations, Data Protection, Research, Professional Bodies	Reference CM2013 SCQF Level SCQF 8 SCQF Points 15 ECTS Points 7.5 Created March 2007 Approved August 2007 Amended September 2010 Version No. 2

This Version is No Longer Current

The latest version of this module is available here

Prerequisites for Module

None, in addition to course entry requirements.

Corequisite Modules

None.

Precluded Modules

None.

Aims of Module

To provide a broad range of professional knowledge and skills needed for a career in the Computing and IT industries.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

Professional ethics: Construction and evaluation of ethical arguments relating to professional practice and the impact of technology on society.

Indicative Student Workload

Contact Hours	Full Time
Lectures	12
Tutorials	12
Laboratories	24
Assessment	10
Coursework Preparation	26

Private Study	
Private Study	66

Mode of Delivery

Key concepts are introduced and illustrated through the medium of lectures. Tutorial and laboratory sessions provide a series of exercises designed to develop

1. Explain the legal constraints and obligations of the computing professional with respect to clients, users and society.
2. Utilise information gathering and writing skills to produce reasoned arguments in the form of an academic technical report.
3. Define ethical and professional behaviour with respect to working practices.

Indicative Module Content

Information Research: Web and database searching techniques, report writing and presentation skills, document preparation.

Academic Papers: Content, style and structure conventions, referencing and bibliographies.

Legal Implications and Responsibilities: Plagiarism, Data Protection Act, Computer Misuse Act, contracts and client and supplier relationship, personal, social and ethical responsiblities.

career development skills and proficiency in seraching library resources, web and databases to research information, present results and produce structured reports.

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3

Component 1 - Coursework

Indicative Bibliography

1. BOTT, F., 2014. Professional Issues in Information Technology. 2nd edition. British Computer Society.
2. LANG, J., 2002. The High-Tech Entrepreneur's Handbook. Pearson Education Ltd.
3. BLACKSTAFF, M., 2012. Finance for IT Decision Makers. 3rd edition. British Computer Society.
4. TAVANI, H.T., 2013. 4th edition. Ethics and Technology.Wiley.