

<b>Module Title</b> <b>Professional Development In Computing</b>  <b>Keywords</b> 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 2012 Version No. 3
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## This Version is No Longer Current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.

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

### Corequisite Modules

None.

### Indicative Student Workload

<i>Contact Hours</i>	Full Time
Assessment	10
Laboratories	24
Lectures	12
Tutorials	12

### 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.

#### *Directed Study*

Coursework Preparation	26
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#### *Private Study*

Private Study	66
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### Learning Outcomes for Module

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

### Mode of Delivery

Key concepts are introduced and illustrated through the medium of lectures. Tutorial and laboratory

- 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.
- 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 responsibilities.

sessions provide a series of exercises designed to develop career development skills and proficiency in searching 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.