**COURSE DETAILS**

**Course Code:** F29PD  
**Full Course Title:** Professional Development  
**SCQF Level:** 9  
**SCAF Credits:** 15  
**Available as Elective:** No

**DELIVERY LEVEL**

<table>
<thead>
<tr>
<th>Undergraduate:</th>
<th>Yes</th>
<th>Postgraduate Taught:</th>
<th>No</th>
<th>Postgraduate Research:</th>
<th>No</th>
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**Additional Information:**

**COURSE AIMS**

- To instil a professional and ethical attitude toward the application of computer technology
- To introduce methods for the rational resolution of ethical problems
- To provide an appreciation of the relevant professional and legal requirements concerning computer-based systems
- To ensure an awareness of, and encourage deliberation about, the social implications of information technology

**LEARNING OUTCOMES – SUBJECT MASTERY**

*Broad and integrated knowledge and understanding of:*

- **British Computer Society Codes** - Conduct; Practice  
- **ISO & BSI Standards** - Safety; Quality; Security  
- **Statute Law** - Contracts, Torts, Restitution; Data Protection; Freedom of Information, Intellectual Property; Computer Misuse  
- **Ethics** - Frameworks; Decision Making

*Critical understanding and detailed knowledge of:*

- Development life-cycle of a software system  
- Bi-directional influence between technological and societal trends  
- Current concerns over the application of computer technology  
- Current and potential remedies to abuse of computer technology

**LEARNING OUTCOMES – PERSONAL ABILITIES**

- Practice in personal decision making and introspection  
- Identification and analysis of justification of personal choices to others  
- Critical analysis of rational reasoning, consequential reasoning and debate  
- Practice and reflective analysis of communication skills using a variety of media  
- Practice in working in a group, negotiating requirements, reaching a consensus, and working with others to a deadline
SYLLABUS

Professionalism - British Computer Society.

Rules & Regulations - Codes & Standards; Computer Law; Ethical Decision Making.

Risks & Threats - Computer Crime; Viruses.

Privacy & Security – Databases; Biometrics.

Dependence & Change - Safety-Critical Systems; Technology & Society.

Brave New Worlds - Co-operative Computing; eLife.

Assessment info - ALP’s ONLY:

Coursework

All summative coursework should be completed to a satisfactory standard, (Grade D), for a student to pass the course but will not form part of the final grade.