SE
TU

Ollscoil
Teicneolaíochta
an Oirdheiscirt

South East
Technological
University

Module Descriptor

Professional Certification 2 (Computing and Mathematics)

Short Title: Professional Certification 2
Department: Computing and Mathematics
Credits: 10   **Level:**   Intermediate

Description of Module / Aims

The purpose of the professional certification module is to require the student to study for a Certification exam that is of relevance to their degree and at the appropriate academic level, but not already taken by them in the course of their degree. It will provide the student with a broader skills-base on the completion of the degree.

Programmes

		stage/semester/status
PROF-0049 BSc (Hons) in Applied Computing (WD_KACCM_B)		3 / 6 / E
PROF-0049 BSc (Hons) in Applied Computing (WD_KCOMP_B)		3 / 6 / E
PROF-0049 BSc (Hons) in Computer Forensics and Security (WD_KCOFO_B)		3 / 6 / E
PROF-0049 BSc (Hons) in Computer Science (WD_KCMSC_B)		3 / 6 / E
PROF-0049 BSc (Hons) in Creative Computing (WD_KCRCO_B)		3 / 5 / E
PROF-0049 BSc (Hons) in Software Systems Development (WD_KDEVP_B)		3 / 5 / E
PROF-0049 BSc in Applied Computing (WD_KCOMP_D)		3 / 5 / E
PROF-0049 BSc in Information Technology (WD_KINFT_D)		3 / 5 / E
PROF-0049 BSc in Multimedia Applications Development (WD_KMULA_D)		3 / 5 / E
PROF-0049 BSc in Software Systems Development (WD_KCOMC_D)		3 / 5 / E

Indicative Content

- Students will be required to choose a relevant and academically appropriate Industrial Certification option, in consultation with the WIT module coordinator. Examples of certification providers include Adobe, Oracle and Cisco.
- Students will be required to study the relevant materials and resources, as recommended by the Certification provider and/or the WIT coordinator.

Learning Outcomes

On successful completion of this module, a student will be able to:

1. Apply knowledge, skills and competencies as required by the particular Certification option chosen.
2. Demonstrate an ability to use the relevant online resources and/or reading material, as recommended by the Certification provider and/or the WIT coordinator.
3. Display the skills to study independently to meet the standard specified by the particular Certification option chosen.

Learning and Teaching Methods

- Review with the WIT coordinator, before agreeing on a Certification option.
- Online tutorials and practicals.
- Practice tests, if available.
- Relevant resources, both online and in book format.

Learning Modes

Learning Type	F/T Hours	P/T Hours
Tutorial	12	12
Independent Learning	269	269

Assessment Methods

	Weighting	Outcomes Assessed
Continuous Assessment	100%	
Practical	100%	1,2,3

Assessment Criteria

Fail: Candidate has not successfully completed the relevant examination, as per the content of the Certification option.

Pass: Candidate has successfully completed the relevant examination

Requested Resources

- Room Type: Computer Lab