

2024 / 25

School of Science and Computing

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🌐 [www.wit.ie/schools/science\\_computing](http://www.wit.ie/schools/science_computing)



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TU**

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Teicneolaíochta  
an Oirdheiscirt

South East  
Technological  
University

## Module Descriptor

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### Professional Practice (Computing and Mathematics)

## Professional Practice (A11438)

**Short Title:** Professional Practice  
**Department:** Computing and Mathematics  
**Credits:** 5  
**Level:** Intermediate

### Description of Module / Aims

The aim of this module is to prepare and encourage students to capitalize on the learning potential of their flexible semester experience and enhance their industry awareness. The module will focus on developing students' transferable skills and encouraging professional awareness and practice.

### Programmes

stage/semester/status		
COMP-0599	BSc (Hons) in Applied Computing (WD_KACCM_B)	3 / 5 / E
COMP-0599	BSc (Hons) in Applied Computing (WD_KCOMP_B)	3 / 5 / M
COMP-0599	BSc (Hons) in Computer Forensics and Security (WD_KCOFO_B)	3 / 5 / M
COMP-0599	BSc (Hons) in Computer Science (WD_KCMSC_B)	3 / 5 / E
COMP-0599	BSc (Hons) in Creative Computing (WD_KRCO_B)	2 / 4 / M
COMP-0599	BSc (Hons) in Software Engineering (WD_KDEVP_BI)	3 / 5 / M
COMP-0599	BSc (Hons) in Software Systems Development (WD_KDEVP_B)	2 / 4 / M
COMP-0599	BSc in Applied Computing (WD_KCOMP_D)	2 / 4 / M
COMP-0599	BSc in Information Technology (WD_KINFT_D)	2 / 4 / M
COMP-0599	BSc in Multimedia Applications Development (WD_KMULA_D)	2 / 4 / M
COMP-0599	BSc in Software Systems Development (WD_KCOMC_D)	2 / 4 / M

### Indicative Content

- Workplace ethics for the computing industry
- Potential for learning during placement and the strategies commonly used
- Identification of transferable skills for integration and progression in the workplace
- Career Preparation: CV preparation and interview skills, career planning, e-portfolio development
- Workplace and placement awareness: Managing equality and diversity, group dynamics and teamwork, understanding organisational culture
- Work-based impression management including the impact of social media as a professional presentation tool for personal and corporate identity

### Learning Outcomes

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

1. Examine ethical conduct in the workplace.
2. Develop transferable skills for integration and progression in the workplace.
3. Construct an appropriate personal career development plan and professional profile, to include a skills-needs analysis and CV.
4. Demonstrate professional skills through group and individual presentations.
5. Employ personal autonomy and take responsibility for their personal and academic well-being.
6. Demonstrate the principles and practice of reflective learning.

## Learning and Teaching Methods

- Theory classes will comprise of lectures, case studies, group discussion, simulations and project work.
- The tutorial classes facilitate the student in implementing the theory learned in the lectures and will give the student the opportunity to work on the continuous assessment and receive feed-back.
- Self-directed learning.

## Learning Modes

Learning Type	F/T Hours	P/T Hours
Lecture	24	12
Tutorial	24	12
Independent Learning	87	111

## Assessment Methods

	Weighting	Outcomes Assessed
Continuous Assessment	100%	
Group Project	40%	1
Presentation	20%	2
Portfolio	40%	3,4,5,6

## Assessment Criteria

<40%: Unable to present self as ethical and professional through their written work, e-portfolio and presentation skills.

40%–49%: Able to present knowledge of self as ethical and professional through their written work, e-portfolio and presentation skills.

50%–59%: Understands ethical and professional practice and can apply this through their written and presented work.

60%–69%: Presented work shows evidence of analysis regarding the professional persona, in the structure, content and format of their written work, e-portfolio and presentation skills.

70%–100%: Excellent presented work; illustrates the evaluation of self as a professional and evaluation of professional practice through presented materials.

## Essential Material(s)

- "Ethics Resource Centre." <http://www.ethics.org/>
- "Transferrable Skills Project." <http://www.skillsproject.ie/>
- "gradireland." <https://gradireland.com/>

## Supplementary Material(s)

- Billett, S. *Learning in the Workplace: Strategies for Effective Practice*. Australia: Allen & Unwin, 2001.
- Robbins, S.P. and P.L. Hunsaker. *Training in Interpersonal Skills*. 6th ed. USA: Pearson Education, 2012.

## Requested Resources

- Lecture Room: Loose Seated