School of Science and Computing

📞 **+353 (0)51 302037**

✉ **Eleanor.Reade@setu.ie**

🌐 **www.wit.ie/schools/science_computing**

USE SE TU

Ollscoil
Teicneolaíochta
an Oirdheiscirt

South East
Technological
University

Module Descriptor

ICT Skills Placement (Computing and Mathematics)

Short Title: ICT Skills Placement
Department: Computing and Mathematics
Credits: 30   **Level:**   Advanced

Description of Module / Aims

Students will spend a period of not less than four months in a work experience position in an ICT and Software Development workplace. The placement allows the student to gain a structured introduction to the work practices, requirements and procedures of the industry. Students will have the opportunity to consolidate, develop and enhance their learning experience through the practical application knowledge, skills and competencies acquired on the academic to the analysis and creation of solutions to workplace problems through a structured programme of work agreed the during the studio phase. This will ensure students have a clear focus and their supervision has a specific context. As the project will be graded, students will have access to an academic project supervisor during the placement period.

Programmes

	stage/semester/status
PLAC-0128 Higher Diploma in Science in Computer Science (WD_KCOSC_G)	1 / 3 / M

Indicative Content

- Completion of agreed supervised project.

Learning Outcomes

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

1. Apply knowledge, skills and competencies acquired on the academic to the analysis and creation of solutions to workplace problems.
2. Contextualise the knowledge gained in the programme in an area relevant a selected area of interest.
3. Communicate effectively in an appropriate and professional manner and format.
4. Work as a member of a team and have developed appropriate communication and interpersonal skills.
5. Reflect on and analyse the learning experience resulting from the work placement.
6. Communicate the aims, expectations and objectives of all parties to the placement.

Learning and Teaching Methods

- Students will undergo an induction briefing prior to the beginning of the placement and have access to an academic supervisor during the placement period.
- The applied learning portfolio is designed to foster self-reflection on the learning gained through participation in the work placement.

Learning Modes

Learning Type	F/T Hours	P/T Hours
Tutorial	6	
Placement	540	
Independent Learning	264	

Assessment Methods

	Weighting	Outcomes Assessed
Final Project	100%	1,2,3,4,5,6

Assessment Criteria

<40%: The student has failed to meet the criteria for a pass, but has not submitted a project which can demonstrate a reasonable grasp of the fundamentals of the chosen project area.

40%–49%: The student has met the criteria for a pass, and demonstrates a reasonable grasp of the fundamentals of the chosen project. Typically a project more supervisor-driven than student-led. The project is unlikely to be the basis for a portfolio.

50%–59%: A solid performance though notably stronger in some respects than others. A good standard of report but neither technically outstanding nor grounded in deep understanding of the relevant technology/domain. Sound but unremarkable. Would require significant additional effort in order to be a strong constituent in a portfolio. However, the student has the abilities to take it to this level, perhaps with additional supervision / advice from domain experts.

60%–69%: A student in this band will have shown a high level of independence in the conduct of the project and technical competence in any practical work undertaken. A strong performance may have been achieved in all components of assessment. However some aspects of the project would require some additional attention before publication on a portfolio that would do justice to the student's skills and abilities.

70%–100%: A mark in this band indicates a distinction. A non-trivial project has been executed and the resulting report + implementation (if appropriate) is an exemplary representation of the students skill and abilities. The material produced will serve as a strong demonstrator and / or portfolio highly relevant future employers in assessing the suitability of the student for recruitment. It can be directly incorporated into such a portfolio, perhaps with minor modifications.

Supplementary Material(s)

- Herbert, I. *Managing your placement: a skills-based approach.* London: Macmillian, 2004.
- Sheridan, I. *REAP (Roadmap for Employment - Academic Partnerships) - Work placement in third-level..* Cork: CIT Press, 2004.