

2024 / 25

School of Science and Computing

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



**SE  
TU**

Ollscoil  
Teicneolaíochta  
an Oirdheiscirt

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Technological  
University

## Module Descriptor

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### Socio-Technical Entrepreneurship (Computing and Mathematics)

# Socio-Technical Entrepreneurship (A07004)

**Short Title:** Socio-Tech Entrepreneurship  
**Department:** Computing and Mathematics  
**Credits:** 10

**Level:** Postgraduate

## Description of Module / Aims

This module will increase the entrepreneurial propensity of graduates. It will provide the knowledge, skills and orientation that can enhance the success of entrepreneurial activity undertaken by graduates.

## Programmes

stage/semester/status		
COMP-0288	MSc in Computer Science (Enterprise Software Systems) (WD_KCESS_R)	1 / 0 / E
COMP-0288	MSc in Computing (Information Systems Processes) (WD_KISYP_R)	1 / 0 / E

## Indicative Content

- Organisational psychological processes in an entrepreneurship setting
- Principles and models of entrepreneurship
- Organisational management and development
- Technology strategy
- Innovation and Creativity - individual and team based
- Effecting organisational and market change
- Developing and embedding Networks

## Learning Outcomes

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

1. Appraise the psychological and behavioural issues associated with new venture creation.
2. Critique the human, technological, and commercial issues underpinning innovation.
3. Evaluate alternatives using theoretical and empirical frameworks appropriate for executive decision making.
4. Integrate strategies for a new business initiative.

## Learning and Teaching Methods

- A combination of tutor delivered lectures, case studies, brainstorming workshops and guest speakers will be used to promote and facilitate the participant learning experience.
- The course will require students to engage with material from refereed journals, policy reports, case studies, professional and financial press and text books. Web based material will also be deployed.

## Learning Modes

Learning Type	F/T Hours	P/T Hours
Lecture	48	48
Independent Learning	222	222

## Assessment Methods

	Weighting	Outcomes Assessed
Continuous Assessment	100%	
Essay	50%	1,2
Project	50%	3,4

## Assessment Criteria

<40%: Unable to interpret and describe key concepts of the entrepreneurship and innovation process, no project submitted.

40%–59%: Able to interpret and describe key concepts of the entrepreneurship and innovation process. Ability to discuss key concepts of the entrepreneurial process and ability to discover and integrate related knowledge from related knowledge domains.

60%–69%: Be able to analyse the entrepreneurial process and differentiate between alternative viewpoints and strategies.

70%–100%: All the above to an excellent level, showing evaluation and synthesis.

## Essential Material(s)

- Bilton, C. *Management and Creativity*. Oxford, UK: Blackwell, 2007.
- Cooney, T.M. *Irish Cases in Entrepreneurship*,. Dublin, Ireland: Blackwell, 2005.

## Supplementary Material(s)

- Kariv, D. *Entrepreneurship An international introduction*. New York, USA: Routledge, 2011.

## Requested Resources

- Lecture Room: Loose Seated