

Module Title:	Recent and Emerging IT Technologies
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	All topics will be delivered by means of interactive lectures. Students will also undertake research activities to gain an understanding of current practices in the industry.
Module Aim:	To provide the student with a knowledge of cutting edge uses of IT technologies. To enable the student to assess the possibilities for the future of I.T. and the likely impact on individuals and organisations.
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	Experience current and emerging uses of recently developed and deployed IT technologies
LO2	Demonstrate an awareness and understanding of ongoing developments in information technology
LO3	Assess the likely impact of these developments on individuals and organisations
LO4	Identify and evaluate implications for business strategy and IS/IT strategies that emerging information technology present.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content
Digital convergence and evolution The evolution of digital technologies and uses
Digital Communications Current and emerging communication technologies
Case Studies The impact of particular technologies on the marketplace, organisation and individual.
Critical Thinking Investment in new technology, benefits and risks, advantages and problems of new innovations; realistically assess potential of new technologies
Technological awareness how technology acts as an agent of social change; how society influences the course of technological development limits to existing technology, current research and development work, the role and shape of I.T. in the years to come.
Current e-commerce practice Digital marketing and business strategies

Assessment Breakdown	%
Continuous Assessment	50.00%
End of Module Formal Examination	50.00%

Continuous Assessment				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Other	Supervised Research	1,2,3,4	50.00	n/a

No Project

No Practical

End of Module Formal Examination				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	Final Exam	1,2,3,4	50.00	End-of-Semester

ITCarlow reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	30 Weeks per Stage	2.00
Estimated Learner Hours	30 Weeks per Stage	2.00
Total Hours		120.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_KCCIT_B	Bachelor of Science (Honours) in Information Technology Management	4	Mandatory