H6LT: Learning and Technology

Module Code:	H6LT
Long Title	Learning and Technology APPROVED
Title	Learning and Technology
Module Level:	LEVEL 6
EQF Level:	5
EHEA Level:	Short Cycle
Credits:	10
Module Coordinator:	Michael Goldrick
Module Author:	David McCarthy
Departments:	NCI Learning & Teaching
Specifications of the qualifications and experience required of staff	

Learning Outcomes	
On successful completion of this module the learner will be able to:	
#	**Learning Outcome Description**
LO1	Select, justify and use a range of digital technologies to support and augment their professional practice in the FET sector or equivalent.
LO2	Develop/adapt and implement a digital learning resource relevant to their practice and share it with fellow practitioners.
LO3	Conduct a structured inquiry into to the possibilities afforded by new technologies in the FET sector or equivalent.

Dependencies	
Module Recommendations	
No recommendations listed	
Co-requisite Modules	
No Co-requisite modules listed	
Entry requirements	

H6LT: Learning and Technology

Module Content & Assessment

Indicative Content

Week 1
Introduction to Learning and Technology Interactive exercise to prompt reflection and discussion on current and desired digital practices using the Visitor and Residents framework. Discussion to explore understandings of technology-enhanced learning and the policy context for its development within the sector. Guided introduction to the blended learning environment, including the virtual learning environment and virtual classroom. Presentation and discussion on the flipped classroom pedagogical model, and group exercise to design a flipped lesson. Demonstration and discussion of classroom/workshop technologies (e.g. interactive presentation tools, lecture capture, polling/response systems), including mobile computing/Bring Your Own Device (BYOD) considerations. Introduction to assessment and formation of discussion groups to support project generation and development. Presentation and discussion on role of learning journal and digital tools for personal reflection.

Week 2
Digital Learning Resources – Finding and Evaluating Directed study of materials addressing curation versus creation of resources, finding and evaluating resources (including use considerations such as usability, accessibility, copyright and intellectual property), and multimedia forms (e.g. infographics, audio, video, animation, screencasts, ebooks). Activity to find and evaluate a digital learning resource relevant to practice context (Discussion Forum).

Week 3
Digital Learning Resources Developing and Managing Presentation and discussion addressing tools for creating/adapting digital learning resources, storyboarding, and the management and sharing of resources.

Week 4
Digital Learning Resources Learning Design Directed study of materials introducing the DADDIE (DefineAnalyseDesignDevelopImplementEvaluate) instructional design model as a systematic approach to the development of instructional strategies that integrate digital learning resources. Activity to review and update draft project plan in light of DADDIE model.

Week 5
Presentations Practitioner presentations of stage 1 assignment (plan for digital learning resource).

Week 6
Active Learning with Technology – Instructional Strategies Directed study of materials addressing active learning theories and strategies. Exercise to design a learning activity complementary to the developing digital resource.

Week 7
Active Learning with Technology Tools Presentation and discussion of tools for active learning, including communication and collaboration (preparation for week 8).

Week 8
Active Learning with Technology Tools Directed study of materials addressing active learning tools (followup to week 7). Activity to use and evaluate a tool to promote active learning.

Week 9
Assessment and Evaluation Presentation and discussion addressing principles for effective assessment and feedback in teaching and learning.

Week 10
Assessment and Evaluation Directed study of materials addressing assessment and evaluation tools (e.g. online quizzes, rubrics and surveys). Activity to use and evaluate an assessment/evaluation tool appropriate to practice.

Week 11
Reading Week

Week 12
Presentations and Professional Development Planning Presentation and discussion of digital competence frameworks. Presentation and discussion on using digital technologies to support continuing professional development (e.g. special interest groups, MOOCS etc.) Reflection and revised action planning.

Assessment Breakdown	%
Coursework	100.00%

Assessments

Part Time

Coursework

Assessment Type:	Assignment 1	% of total:	20
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		

Assessment Description:
Plan for the development or adaptation and integration of a digital learning resource.

Assessment Type:	Assignment 2	% of total:	80
Assessment Date:	n/a	Outcome addressed:	1,2,3
Non-Marked:	No		

Assessment Description:
Development/adaptation, implementation and evaluation of digital learning resource

No End of Module Assessment

No Workplace Assessment

Reassessment Requirement

Coursework Only
This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.

Reassessment Description
Candidates who do not successfully complete the module will be required to repeat the assessment and may build on prior work. All learning outcomes will be assessed in the repeat assessment.

H6LT: Learning and Technology

Module Workload

Module Target Workload Hours 0 Hours

Workload: Part Time

Workload Type	Workload Description	Hours	Frequency	Average Weekly Learner Workload
Lecture	No Description	20	Per Semester	1.67
Directed Learning	Directed eLearning	20	Per Semester	1.67
Independent Learning	No Description	210	Per Semester	17.50
			Total Weekly Contact Hours	3.33

Module Resources

This module does not have any book resources
This module does not have any article/paper resources
This module does not have any other resources

Discussion Note:	