HEP902 eLEARNING FUTURES

Student workload:

No. hours student engagement per week	No. personal study hours per week	Total workload hours per week
4	8	12

Delivery Mode:
Online via HELI's Cloud campus. Learners will need to have access to an electronic device (such as a laptop, tablet or smart phone) with internet access to successfully undertake this subject.

Pre-requisites:
There are no pre-requisites for this subject.

Subject requirements:
To successfully complete this subject a student must attempt all assessment tasks and achieve at least 50% of the total marks.

Subject Aim and Content:
The aim of this subject is to develop students' knowledge and skills in ***evaluating*** existing or new educational technology in the context of eLearning projects. The subject covers a range of important issues and topics, starting with a definition of educational technology and its principles. It considers how educational technology supports learning, performing, teaching and training, with specific reference to implementing technology in context, including introducing innovation and managing change in both education and workplace environments. It further covers theoretical perspectives on information, communication, instruction and instructional design.

The subject looks at the design of technologically supported learning environments and how technology may be built into learning and training activities. These are further considered in education and workplace contexts, before the subject turns to look at the importance of training educators and trainers in the use of technology. The subject closes with an exploration of emerging technology, paying particular attention to data analytics.

Subject Learning Outcomes:

On successful completion of this subject students will be able to:	
SLO1	*Analyse* the theoretical, conceptual and methodological issues and risks that come into play during the evaluation and assessment of educational technologies.
SLO2	*Create* an evaluation plan for existing or new educational technology in the context of a specific eLearning project.
SLO3	*Develop* a business case for the adoption of an existing or new educational technology in the context of a specific eLearning project or in meeting a wider strategic objective.
SLO4	*Plan t*he implementation of an existing or new educational technology in the context of a specific eLearning project or in meeting a wider strategic objective.

Delivery and Assessment Plan:

Week	Topic	Key concepts	Assessment Timing
Week 1	Definition and principles of educational technology	Digital Learning; eLearning; Instructional Technology; ICT; Learning Technology; Educational Technology	Assessment 1: Learner Engagement (varied activities throughout the Term 20%)
Week 2	Learning, performing, teaching and training mediated through technology	Learning Science; Bloom's Taxonomy; Learning Experience; Metacognition for Effective Teaching; Intrinsic Motivation	
Week 3	Planning and implementing educational technology in learning and teaching	Project Planning; Technology Implementation Framework; TPACK; SMAR; Educational Technology Investment	
Week 4	Theoretical perspectives on information, communication, instruction and instructional design.	Data; Information; Knowledge; Wisdom; Communication; Instructional/Learning Design	
Week 5	Introducing innovative technologies and managing change	Innovative Technologies; Technology Readiness; Communication Plan; Digital Transformation	
Week 6	Educational technology in education and the workplace	Modern Learner; Learning and Development; Leadership in Learning; Design Thinking	Assessment 2: Case Study Analysis (30%)
Week 7	Designing technology-supported learning environments	Design principles; Future Education; Design Thinking; Learning needs; Needs assessment	
Week 8	Educational technology principles in context	Educational Technology Principles; Face-to-face Learning; Blended Learning; Flipped Learning; Online Learning; Hybrid Learning	
Week 9	Professional development and emerging technologies	Digital Capability; Digital Literacy; Learning Analytics; Blockchain; Micro-credentials	
Week 10	Assessment only week		Assessment 3: Project Plan - eLearning Design Challenge (50%)