

Dissertation – CS8006

Module Code	CS8006
Module Name	Dissertation
Short Title	N/a
ECTS weighting	30
Semester taught	Semester one and two
Contact Hours	N/a
Personnel	Dissertation supervisors
Learning Outcomes	<p>Upon successful completion of the module students should be able to :</p> <ul style="list-style-type: none"> • Identify a relevant and feasible area of research in technology enhanced learning • Formulate and clarify a focused research question, define a problem and scope • Successfully plan and manage an extended research and writing process • Locate and assess potential research sources • Locate and evaluate sources for their relevance to topic and the existing field of knowledge • Critically analyse and integrate appropriate secondary literature • Demonstrate close reading skills (for example, reading for key concepts, assessing arguments put forward, finding the contexts of claims, establishing the addressee of the text, summarizing and re-presenting arguments, etc.) and a working knowledge of what constitutes an explanation, of how to substantiate claims, and sufficient evidence • Make an informed choice of research methods and approaches for specific questions • Analyse and interpret qualitative and/or quantitative data, where appropriate • Show an awareness of, and ability to, articulate the ground from which the analysis proceeds and from which arguments, evidence, explanations, and logic are assessed • Make logical connections between premises and conclusions, assertions and evidence, case studies and arguments, analyses and exemplifications, cause (s) and effect(s), statements of intent and motivations, and statement of fact and interpretation • Sustain a coherent line of argument that engages with existing knowledge in the chosen area of study and exercise critical judgement on the information and/or explanations they offer • Use analytic skills in writing (rather than extensive description in lieu of analysis) • Write in a clear style using conventional academic practice for citations and references • Demonstrate the independent learning ability required to advance his or her knowledge and understanding as part of their ongoing professional development
Module Learning Aims	<p>The aim of the dissertation is to develop students' research and writing abilities via a substantial piece of independent work. Further, it aims for learners to demonstrate proficiency in the design of a research paper, application of appropriate research methods or approaches, collection and analysis of data and/or relevant literature, and application of area-specific theories and concepts. Students are expected to formulate their own research question (with the guidance of their supervisors), to gather and select material to answer their question, and set out their findings in an academic style. The research project has to involve the design, development and evaluation of a technologically mediated teaching & learning experience. It is expected that the dissertation will be of a publishable standard.</p>
Module Content	N/A
Recommended Reading List	<p>Cresswell, J. W. (2002). Educational Research: planning, conducting, and evaluating quantitative and qualitative research. Upper Saddle River, New Jersey: Merrill Prentice Hall. Relevant literature to the specific topic of research of each dissertation</p>
Pre Requisite	Successful completion of year 1 of the MSc in Technology & Learning.
Co Requisite	N/a
Assessment Details	<p>The assessment of this module requires the students to demonstrate the learning objectives stated above through the completion of an independent research study and the submission of:</p> <ul style="list-style-type: none"> • 10,000 to 15,000 word dissertation and • technology artefact object of the investigation <p>Each dissertation will be double-marked internally and moderated by the External Examiner.</p>

