

MiniMasters (Technology for Teaching and Learning)

Course Code	Course Title	Course Synopses	AU
MLT903	Technologies as Cognitive Tools	Topics include: Definition of cognitive tool and reasons for using technology as cognitive tools Classification of cognitive tools and research Concept of affordances Use of web 2.0 tools as cognitive tools Theoretical underpinning of concept/mind mapping tools Theoretical underpinning of computer supported collaborative learning (CSCL) Affordances of CSCL tools for teaching and learning	4
MLT908	Design of Interactive Learning Environments	Topics include: ILEs and Key findings from the Learning Sciences Critical Perspectives on Educational Technologies Design of Learning Environments Orchestration Design of Scaffolding for Learning Design of Learning Experiences with New Media Design of Learning with Collaborative Technologies Design of Learning with Mobility Educational Games Design of Learning Spaces Assessment of Collaborative Learning Scaling educational innovations	4

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MLT912	Blended Learning in Schools	Topics include: Pros and cons of using the blended learning approach Identify and use appropriate ICT tools to support blended learning environments Design blended learning environments Develop blended learning environments	4
MLT913	Technology Supported Assessment	Topics include: Theories and approaches in assessment, with more focus on assessment for learning/formative assessment Pedagogies and approaches in designing assessment with technology principles for the appropriate use of technology supported assessment Benefits and challenges Barrier and enablers in technology supported assessment	4