<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Course Synopses</th>
<th>AU</th>
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</thead>
</table>
| 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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<tr>
<td>MLT912</td>
<td>Blended Learning in Schools</td>
<td>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</td>
<td>4</td>
</tr>
<tr>
<td>MLT913</td>
<td>Technology Supported Assessment</td>
<td>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</td>
<td>4</td>
</tr>
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