Technologies to support assessment of graduate capabilities in capstone units

Graduate capabilities:
Problem solving, creativity, innovation, communication, analysis, professional judgement, critical thinking, engagement, global and local citizenship, social and environmental responsibility, research capability, discipline knowledge

Capstone units can be designed to encourage:
- synthesising and integrating the major course material of the degree
- reflecting on the development of graduate capabilities
- documenting a folio of evidence of achievements, both process and product
- applying theory to practice

Affordances of technologies to:
• Deliver supporting materials, for example resources to scaffold students in dispersed locations, 24 x 7: guides for project plans and reports, team working tips, assessment rubrics
• Support socially constructed learning for example discussion forums for asynchronous communication
• Document collaboration processes for example wikis for capturing individual contributions to group work
• Chronicle reflective journeys for example blogs for recording individual reflections in learning journals
• Store learning artifacts such as portfolios for storing drafts of assessment tasks and sharing assessment products with peers, assessors and employers

Exemplar 1: Computing
To prepare students for working in teams in industry by producing a complete solution from initial problem statement.

Technologies:
• Online space for resources
• Discussion forum for student collaboration
• Reflective blog for capturing learning
• Online submission of interim and final reports
• Online rubrics for feedback

Exemplar 2: Child Development
To hone students’ skills to critique their communication skills with children and parents, identifying their own strengths and weaknesses.

Technologies:
• Online space for resources
• Discussion forum
• Video of own practice
• NVivo for coding and self-analysis
• Portfolio for collating evidence

For more details about these exemplars or to add your own examples of good practice, please visit Macquarie University’s Learning and Teaching Centre website: [http://www.mq.edu.au/learningandteachingcentre](http://www.mq.edu.au/learningandteachingcentre)

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