

A Blended Learning Strategy Encouraging Active, Life-Long and Life-Wide Learning

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Digital revolution has changed learning in terms of centre, time, place and strategy. A student self-directed life-long and life-wide learning strategy (ISA model; Yang & Polly, 2015) was applied in a third year Cancer Sciences course to help goal setting (image of potential own career), eportfolio learning (self-directed life-long and life-wide learning) and reflection (assessment and adjustment). Through this course, students learn integrative career knowledge and skills, which is delivered, recorded and reflected upon through a learner centered eportfolio. First, students set a career goal using a personal eportfolio in Moodle, and take the opportunity to record and reflect frequently on their learning through lectures, tutorials, and in-/off-campus activities as well as regular feedback from their course convenor. Secondly, throughout the course students may adjust their career goals and collect evidence for writing tailored cover letters and resumes. Both eportfolio and job application documents are assessed against rubrics and credited. Thirdly, students participate in career and teamwork surveys to improve their awareness and research experience. Fourthly, as statistics is integral to their professional and career development, a blended learning approach was applied in class using multimodal elements such as easy statistics videos (Yang & Azouz, 2015), problem solving activities using e-STATS-CHOICE software (Yang et al, 2010) and quizzes. Fifthly, students practice their learned skills in an internship. Finally, students present their group project, and perform self and peer assessment on project design and teamwork. Their experience and skills learned from these activities will benefit their life-long and life-wide learning.

References:

Yang, J.-L. & Polly, P. (2015) Career development learning across Year 3 science courses. The 22nd International Conference of Learning, Madrid, Spain.

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Yang, J.-L., Thompson, R., Mobb, S., Belinson, Z. (2010) Electronic STATS-CHOICE program. NewSouth Innovations (16th September 2010; IPN: 10_2519) UNSW and Med L&T grants 2009 and 2010. <http://dev.adaptiveelearning.com/demos/DTV3/>

Learning and Teaching Forum October 2015
Blended Learning: Past, Present and Future

Never Stand still
Learning and Teaching Unit

A blended learning strategy encouraging active, life-long and life-wide learning

Learning Strategy

Blended Learning Activities

In Class (Face-to-Face)		
<div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Pre-Activity</div> <div style="text-align: center; margin: 5px;"> <p>Quiz</p> </div> <div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Problem Solving</div> <ul style="list-style-type: none"> <input type="checkbox"/> Correlation <input type="checkbox"/> Comparison <input type="checkbox"/> Regression 	<div style="text-align: center; margin-bottom: 5px;"> <div style="background-color: #008080; color: white; padding: 2px; font-weight: bold; writing-mode: vertical-rl; transform: rotate(180deg);">V I D E O</div> </div> <div style="text-align: center; margin-bottom: 5px;"> <div style="background-color: #008080; color: white; padding: 2px; font-weight: bold; writing-mode: vertical-rl; transform: rotate(180deg);">E S C</div> </div>	<div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Post Activity</div> <div style="text-align: center; margin: 5px;"> <p>Quiz</p> </div> <div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Problem Solving</div> <ul style="list-style-type: none"> <input type="checkbox"/> Correlation <input type="checkbox"/> Comparison <input type="checkbox"/> Regression
Outside of Class time (Online)		
<div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Student e-portfolio reflection</div>	<div style="background-color: #008080; color: white; padding: 5px; text-align: center; font-weight: bold;">Teacher feedback</div>	<div style="background-color: #008080; color: white; text-align: center; font-weight: bold; padding: 5px;">Evaluation</div>

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