

Improving Teaching: *designing and facilitating for learning at the subject level*



Discipline Support Strategy for Engineering and ICT

25 November 2011

School of IT Building; University of Sydney

1 Cleveland St

<http://www.cs.usyd.edu.au/about/directions.shtml>

Workshop Outcomes

Participants will be able to identify the curriculum alignment at their level of responsibility (unit, subject, course or program). Participants will also be able to consider assessable evidential outcomes that demonstrate their students are graduating with desired capabilities. Participants will also take away skills and strategies for implementing curriculum that engages learners in a student-centered context. The workshop modules will be shaped to meet the specific needs and interests of participants.

Please note: this is a workshop where participants will be actively involved!

Workshop sessions will be facilitated by **Dr Sue Wright** (University of Melbourne).

8.45-9am Registration

9-9.30am Introduction and workshop planning

9.30-11.00am Module 1: *Identifying learning outcomes*

Some call it 'backward design'. This module discusses the importance of beginning at the end by writing clear and achievable learning outcomes.

[short break]

11.15-12.30pm Module 2: *Engaging learners*

If we want our students to learn with enthusiasm and increasing independence, then we need to design engaging learning activities. This session will explore a range of educational models underpinned by relevant learning theories.

12.30-1.15pm LUNCH

1.15-3pm Module 3: *Teacher as facilitator*

Having planned for engaging or experiential learning activities, what are some crucial skills that lecturers and tutors can adopt that energizes and provokes their students' curiosity and willingness to engage in challenging learning activities?

[short break]

3.15- 4.30pm Module 4: *Assessing for learning outcomes*

With the learning outcomes from the first session in mind, how do we know that our students have achieved those learning outcomes? Strategies for effective and manageable assessment will be shared and discussed.

This is one of a series of workshops to support curriculum and facilitator development in Engineering and ICT that follow on from two recent ALTC Projects: [Curriculum Specification and Support for Engineering Education](#) and the [Learning & Teaching Academic Standards Project \(Engineering and ICT\)](#).

These workshops are designed both for senior academics who are keen for the opportunity to strategically and critically examine their curriculum design and delivery in light of current educational frameworks. New academics would also benefit from participating in workshops that have been designed to challenge them to grasp the essential strategies involved in facilitating successful learning outcomes.

The workshop is supported by the ALTC [Discipline Support Strategy for Engineering & ICT](#).