Engineering Thresholds: an approach to curriculum renewal
http://www.ecm.uwa.edu.au/engineeringthresholds

Knowledge Creation Workshop

All university engineering educators are invited to a workshop on engineering threshold concepts.

Participants will investigate the thresholds in foundation introductory level engineering courses. Participants will learn how they can use threshold concept theory to improve teaching and learning in engineering, and contribute to research.

Threshold concept theory is one of the most important recent developments in discipline-based Higher Education research. Meyer, Land and others realised that there were certain concepts, central to the discipline, that would open up required systems and ways of thinking and yet were troublesome for students. It has been discovered that, not only can threshold concept theory help in focusing students’ and teachers’ attention, it can also be a curriculum development tool where there is a strong tendency to overcrowd the curriculum (Cousin, 2006; Land et al., 2005; Meyer et al., 2006).

Facilitators
Winthrop Professor Caroline Baillie
Professor Dianne Hesterman
Dr Sally Male
(all from The University of Western Australia)

Support
The workshop is one of three held in Australia in 2011. They are part of the project Engineering thresholds: an approach to curriculum renewal supported by the Australian Learning & Teaching Council. Outcomes will be used to develop resources for engineering educators. The workshops are further supported by The Australian Council of Engineering Deans (ACED). The Axon Learning Laboratory is provided by The University of Queensland.

Date: Friday 17 June 2011
Place: Axon Learning Laboratory
       St Lucia Campus
       The University of Queensland
Time: 10.00am until 2.00pm
Refreshments: Light lunch provided
Cost: Free to participants
Registration Deadline: 20 May 2011
Further Information: Sally Male
                    sally.male@uwa.edu.au
                    Tel +61 8 6488 1242
Engineering Thresholds: an approach to curriculum renewal
Knowledge Creation Workshop on Friday, 17 June 2011
in the Axon Learning Laboratory, The University of Queensland

REGISTRATION

Title (Prof/Dr/Mr/Ms …): _____ Full Name: ________________________________

University: _____________________________________________

Position Title: _____________________________________________

Email: __________________________ Telephone: __________________________

Postal Address: ________________________________________________________

______________________________________________________________________

Engineering discipline/subject you have taught or studied: ____________________

Any special dietary or access requirements: ________________________________

How did you find out about the workshop? _________________________________

Please return to Sally Male by 20 May 2011
Email: sally.male@uwa.edu.au
Fax: +61 8 6488 1015
Post: School of Environmental Systems Engineering (M015),
The University of Western Australia, 35 Stirling Hwy, Crawley Western Australia 6009

References
design and evaluation, in C. Rust (ed.), Improving Student Learning – diversity and inclusivity, Proceedings of the 12th Improving
and Land, R. (eds.), Overcoming Barriers to Student Understanding: threshold concepts and troublesome knowledge, London and New
York: Routledge, pp 195–206

Support for this project has been provided from the Australian Learning & Teaching Council Ltd, an initiative of the Australian
Government Department of Education, Employment and Workplace Relations.