



Faculty Seminar

Teaching in Engineering – Σ (the right elements) towards a scholarly approach

Dr Cecilia Chan

Centre for the Enhancement of Teaching and Learning (CETL)

The University of Hong Kong

Date: April 16, 2012 (Monday)

Time: 12:30 pm - 1:30 pm

Venue: T6 Meng Wah Complex, HKU

Abstract:

Being a teacher, it is important to motivate our students in learning, but we also need to motivate ourselves in teaching. Realizing in a research intensive university, where research is of utmost priority, how can we once again re-ignite our spirit in teaching (hence, receiving good SETL scores) and at the same time, have a win-win situation where we can embed research in teaching. After all, the main purpose of a university is nurturing the next generation. In this seminar, Dr Chan is not here to debate on the importance of research versus teaching. Instead, she wants to introduce a research-teaching nexus approach to engineering teachers. Being an engineer herself, and have taught in both engineering and education, she understands that there are a lot of obstacles in teaching engineering. In this seminar, she will introduce the right elements towards a scholarly approach to engineering education, and she will provide assistance and opportunities for future research-teaching collaborations.

Speaker:

Dr Cecilia K Y Chan is currently an assistant professor at the Centre for the Enhancement of Teaching and Learning at the University of Hong Kong. She was born in Hong Kong but grew up in Ireland. Cecilia's bi-cultural background has allowed her to understand the multi-dimensional needs of students and teachers in different parts of the world. She worked as an engineering professor for over ten years and has many practical experiences in relation to learning and teaching, she has won many teaching and learning awards in

engineering education while teaching in Ireland. Cecilia has been involved in numerous researches particularly in the development of engineering education. Her research fields are the development of generic skills, assessment, technology enhanced learning and student retention, recruitment and motivation. Cecilia holds a PhD in the field of digital signal processing and machine vision in Electrical Engineering, a postgraduate diploma and a MA in Higher Education.

All are welcome.