

**Comparison of Assessment Results between Traditional and Web-based Teaching**  
**(Prof. Esmond Mok, LSGI)**

*Activities carried out during this reporting period and their impact on improving teaching and learning, where appropriate*

*A paper entitled “Comparison of Assessment Results between Traditional and Web-Based Teaching was presented in the International Conference “Interactive Computer Aided Learning” in Villach/Austria from September 29th to October 1st, 2004.*

*Experience gained from this project and the project outcomes were shared with PolyU colleagues at the following events:*

- 1. “Designing an Outcome-Oriented Programme (a 5-session Certificate Short Course): session 4. Aligning Assessment with Intended Learning Outcomes took place on 26th October, 2004)*
- 2. Faculty of Construction and Land Use (FCLU) Forum on “Experience Sharing on Curriculum Revision” (December 2004)*
- 3. “Seminar on Guidelines for the Implementation of Criterion-Referenced Approach to Assessment” for Faculty of Applied Science and Textiles, Faculty of Construction and Land Use, and Faculty of Engineering took place on 8th March, 10th March and 14th March 2005.*

*The impact of these activities in improving teaching and learning*

- 1. They help teachers more understand the importance of:*
  - (i) student-teacher interaction in the teaching and learning process, whether traditional or web-based teaching is adopted,*
  - (ii) alignment between objectives, teaching and learning methods, and assessment methods.*
- 2. A model for criterion referenced approach of assessment based on the spirit of SOLO Taxonomy has been developed based on the findings and advice of external project assessors. This model is incorporated into the re-structured programme curriculum of BSc(Hons) in Geomatics.*

*A paper was written on the latest project findings of the Project, which was presented in the International Conference on Building Education and Research (BEAR 2006) in Hong Kong:*

*“Mok, Esmond and Yan, W.Y. (2006), "Design and Implementation of SOLO Taxonomy Assessments for Traditional and Web-based Teaching". Proceedings, BEAR 2006, Construction Sustainability and Innovation, 10-13 April 2006, Hong Kong”*