



## Learning and Teaching Development Project Supported by LTC or OBA Funding\*

### Completion Report

(period covered: 1<sup>st</sup> Sept 2007— 31<sup>st</sup> October 2008 )  
(Project commencement date) (Project completion date)

#### General Information

**1. Funding Source** (Please tick ✓)

Learning and Teaching Committee (LTC)

Funding for Promoting Outcome-based Approaches to Student Learning (OBA Funding)

**2. Project Code/Project Title**

2006-07/OBA/LSGI

Review and Enhancement of Outcomes-based Education Implementation in LSGI

**3. Project Team and Academic Departments/Units Involved**

Project Team	Name/Post	Dept/Unit
Project leader	Prof. Esmond Mok	LSGI
Team member(s)	All academic Staff in LSGI	
Other assistant(s)	Project Consultant, Dr. M. Taplin	

**4. Project Objectives**

This project was conducted with the aim to gain understanding about how LSGI academic staff have been using outcome-based education (OBE) in their teaching over the introductory two-year period. A book will be published for the purpose of sharing the lessons that have been learned from these efforts.

## 5. Project Schedule

Dates as stated in original proposal 1 <sup>st</sup> September 2007	Original start date: 1 <sup>st</sup> September 2007 Original completion Date: 31 <sup>st</sup> August 2008
Actual start and completion dates	Actual start date: 1 <sup>st</sup> January 2008 Actual completion Date: 31 <sup>st</sup> Oct. 2008
Revised completion date due to project extension (if applicable)	1 <sup>st</sup> draft of the book on T&L practices in LSGI was completed on time. Fine tuning of the draft was completed on 31 <sup>st</sup> October 2008.
Reasons for the extension (please quote the relevant authority's approval reference)	
Deadline for the use of the funding: (if applicable)	

## 6. Funding Received

(i) Funding received from funding authority: \_\_\_\_\_

(ii) Additional funding: \$ NIL received from N/A.

Reason(s) for receiving/obtaining<sup>1</sup> additional funding:

N/A

(<sup>1</sup> Please delete as appropriate.)

## 7. Project Expenditure

<sup>2</sup> Please give reasons for the revised budget (if any) and quote the relevant authority's approval reference:

## 8. Project Progress and Achievements

(i) Specific work undertaken since the last reporting period for the completion of the project

Individual interviews were conducted with all teaching staffs in the Department, including laboratory assistants and instructors. The interviews included the following:

1. What has changed for you since the introduction of OBE in the Department?
2. How have you interpreted OBE for your context?
3. What are some examples of strategies you have used?
4. What difficulties/problems have you encountered and what did you do to address these?
5. Please provide some samples of information given to students, assessment criteria, strategies used for marking assignments etc.
6. What advice would you give to somebody else taking on OBE?

To get the viewpoints of students, six student representatives (four who had just completed Year 2 and two who had just completed Year 3) accepted an invitation to participate in a one-hour focus-group interview. The questions that were discussed in this interview included:

1. Do you know what outcome-based education is? [Note that the students were not familiar with this terminology, but after further discussion it was clear to the interviewer that they had a good understanding of the concept and were aware that this approach was being used in their Department.]
2. How is this approach different from the way you were taught in secondary school?
3. Is OBE a good thing for you? How could it be better?
4. Do you get useful feedback from your teachers? What could be done better?
5. Do you get a chance to negotiate:
  - a. your assessment tasks?
  - b. your results?
6. Does it help to have the criteria listed if you go to discuss your results with a teacher?
7. Does OBE cause you to have a bigger workload? In what ways does it make your studies easier/better?

(ii) Significant outcomes or achievements

- (a) In terms of the project "deliverables" specified in the project proposal

Final draft of the book has completed. The book is expected to be published by end December 2008.

- (b) Other outcomes (e.g. publications or other scholarly work)

(iii) Any difficulties encountered which have affected progress/completion of project

The original plan was to employ a project assistant to collect and document colleagues' feedbacks, archive sample works and useful materials. Difficulties were encountered to employ a suitable project assistant. Eventually, the Project Leader took up this coordination work.

(iv) Changes to the original proposal, if any (please state reasons and relevant authority's approval reference)

NIL.

(v) Impact on teaching and learning

(a) Planned applications/use of the project outcomes after project completion

1. LSGI has another OBE project entitled "Alignment of the BSc(Hons) in Geomatics with HKIE and ABET criteria on outcomes-based programme accreditation." Outcomes based approach of teaching and learning, and assessment of subjects leading to the achievement of programme outcomes will be reviewed and improved with reference to examples presented in the book.
2. Some useful materials in the book may be put in the Faculty's web-based OBE resource library for sharing.

(b) Dissemination activities taken or planned

1. A lunch-time T&L discussion forum was conducted in April 2008. Colleagues were invited to share the significant changes in their teaching methods before and after implementation of OBE, and how the teaching and learning approach benefits students; followed by discussions on various issues such as students' learning attitude, learning environments, ways for reinforcing the learning process. We would like to thank Dr. KP Kwan of EDC for participating in the forum and sharing his opinions with colleagues on different issues raised in this forum.

(vi) Self-evaluation or additional information/remarks

This is a very good opportunity to have participation of all academic staffs in the Department to produce a book on LSGI's OBE teaching and assessment approach. It helps to develop the culture of outcomes based education in the department and the Faculty.

Signature of Project Leader: \_\_\_\_\_



Date: 21.11.08.

- For Academic Departments, this progress report should be submitted to DLTC Chairperson, or to HoD if the PL is also the DLTC Chairperson, for completion of Part 9.
- For Schools, this progress report should be submitted to SLTC Chairperson, or to Director of School if the PL is also the SLTC Chairperson, for completion of Part 9.
- For centres/units/offices which do not have a DLTC, this progress report should be submitted to Head of Centre/Unit/Office for completion of Part 9.

**9. Evaluation by D/SLTC (or by HoD/Director of School if the PL is also the D/SLTC Chair)**

(i) Comments on the following areas of the project (please put a ✓ in one of the following 4 ratings and provide written comments):

Areas	Rating				Written comments
	Very Good	Good	Satisfactory	Unsatisfactory	
Overall progress/ time management	✓				
Overall financial management / use of funding		✓			
Outputs / deliverables / achievements (including impact of the project on teaching and learning)			✓		
Overall rating / comments on the project (Please suggest remedial actions if the rating is "Unsatisfactory".)	✓				

(ii) Outputs and/or good practices of the project that can be shared with other subjects, programmes or departments within the Faculty, or with the wider PolyU community:

*A book on OBE practice in the Department.*

(iii) Issues that have arisen from the project (if any) that should be brought to the attention of FLTC and/or the funding authority:

(iv) Additional comments/remarks:

Signature of D/SLTC Chair@:  Date: \_\_\_\_\_  
 OR HoD/Director of School@:  Date: 21 NOV 2008  
 (Block letters: Prof. Xiaoli Ding)

@ To be signed by HoD/Director of School if the PL is also the D/SLTC Chair, or if the Centre/Unit/Office does not have a DLTC.

- For Academic Departments, this report should be submitted to FLTC Chairperson for completion of Part 10.
- For Schools, this report should be submitted to the Director of School for completion of Part 10.
- For centres/units/offices which do not belong to a Faculty, completion of Part 10 is not required. Head of Centre/Unit/Office is requested to convey the comments on the project back to the PL, and retain a copy of this report for records.


**10. Evaluation by FLTC/Director of School**

Comments on the following areas of the project (please put a ✓ in one of the 4 ratings and provide written comments):

Areas	Rating				Written comments
	Very Good	Good	Satisfactory	Unsatisfactory	
Outputs / deliverables / achievements (including impact of the project on teaching and learning)			✓		



Overall rating / comments on the project <i>(Please suggest remedial          actions if the rating is          "Unsatisfactory".)</i>					
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Signature of FLTC Chair/Director of School:  Date: 26 NOV 2008

(Block letters: Prof. Geoffrey Q.P. SHEN)

Please convey the comments of FLTC/Director of School back to the PL via D/SLTC.

