

**THE CHINESE UNIVERSITY OF HONG KONG**

**Micro-Module Courseware Development Grant**

**Interim Report (March 2015)**

Report due 31 March 2015.

Please return by email to Carol Chiu [carol@itsc.cuhk.edu.hk](mailto:carol@itsc.cuhk.edu.hk)

**PART I**

Project title: Micro Modules for Students' Self-learning and Teachers' Internal Training in PE Programmes

Principal supervisor: Mr. Lo Yuen-cheong

Department / Unit: Physical Education Unit

Project duration: From January 2015 to August 2015

Date report submitted: 31 March 2015

**1. Project objectives**

*Is the project on track to meet its objectives?*

Yes, the project is on track to meet its objectives.

*Have the objectives been changed as a result of the experience of working on your MMCDG project?*

No, the objectives have not been changed.

For project 1, video links of skills in different sports are selected and uploaded to the intranet of PE Unit. Teachers would play videos during lessons or post some video links on Blackboard for students' self-learning. Students would watch the videos themselves with teachers' instructions and guidance in class or out of class. Such practice would facilitate students' learning as the videos would let students understand more about different skills in sports.

With videos of different exam skills demonstrations provided on the webpage of PE Unit, project 2 would help students identify clearer learning objectives and mimic good demonstrations of various sports skills. Thus, students could foresee the learning outcome (major skills) of the course.

Project 3 focuses on internal lecturer training since videos of different staff development workshops and peer teaching observations would be uploaded and shared among the teachers. Thus, an easily accessible teaching resources depository would be formed.

## **2. Progress on process, outcomes or deliverables**

*What have been accomplished so far?*

*Have any obstacles been encountered and what are the remaining tasks to be finished?*

*Is the project still on time for completion (which includes preparation of the final report) on or before the grant expiry date?*

For project 1, we are screening and categorizing proper video links. 3 micro modules of 3 sports have been produced by March 2015. At this moment, these video links are put on the intranet of PE Unit and inside the folder “Subject Materials” as reference materials. The links of each sport have been categorized into several parts according to the sport’s features. Apart from headings and links, an image captured from the video would be added as a logo for each link soon for teachers’ easy reference. Around late April 2015, the interface of all video links would be edited.

For project 2, we had recorded half of the videos of different exam skills demonstrations and edited 4 micro modules of 4 sports by March 2015. Another half of the videos would be recorded by late April 2015 and edited in May or June 2015.

For project 3, we are collecting and reviewing the videos and resources needed for building a teaching resources depository. Such teaching resources depository would be completed in May or June 2015.

Due to time limit, the targeted number of micro modules is partially conducted. We would now focus more on project 1 and 2 at this stage as we need to complete most of the work with students’ cooperation before the end of Term 2 (2014-2015). So the progress of project 3 would be slightly postponed.

However, the project should be on time for completion on or before the grant expiry date.

### **3. Evaluation Plan**

*Have you altered your evaluation plans?*

Yes.

For the part of self-evaluation questionnaire, it would be run as planned.

For the part of collecting feedback from teachers and students, teachers' feedback could be collected so as to evaluate if teaching and learning are enhanced with the application of eLearning. For students' feedback, since not all micro modules could be completed by March 2015 (project 1 and 2 need students' engagement), so we would collect students' feedback in Term 1 (2015-2016), instead of Term 2 2014-2015. However, we still took 1 micro module (Basketball of project 2) as trial for students to conduct self-learning, so as to get some preliminary feedback from them.

*Does your evaluation indicate that you have achieved your objectives?*

Yes.

For project 1, teachers generally think that screening and categorizing proper video links by 2 teachers for one subject according to their specialties and sharing the links among all teachers could enrich the teaching resources of PE Unit efficiently.

For project 2, teachers generally think that videos of different exam skills demonstrations could help students better understand different skills since the videos have highlighted the foci of different skills clearly.

Most students appreciate the videos of exam skills demonstrations. They think these videos could facilitate their learning since the videos could show the demonstrators' movements from different angles clearly and let students better understand different exam skills. Besides, they gave us some suggestions for improving the demonstrations. For example, they suggested adding some slow motions and close-ups so that they could observe a particular action more clearly. Also, more teaching points and explanations of the movements should be added while the demonstrators were presenting the skills.

We would take students' comments into account while shooting and editing the videos of exam skills demonstrations in the future.

#### **4. Dissemination** (reports, websites, video links, products, etc.)

*Provide a listing of project outputs to date.*

##### **MMCD Output**

##### **MMCD Output - Project 1**

The video links of skills of three required PE courses are as follows:

I) Tennis

[http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref\\_doc/tennis\\_ref\\_link\\_EL.htm](http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref_doc/tennis_ref_link_EL.htm)

II) Table Tennis

[http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref\\_doc/tabletennis\\_ref\\_link\\_EL.htm](http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref_doc/tabletennis_ref_link_EL.htm)

III) Badminton

[http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref\\_doc/badminton\\_ref\\_link\\_EL.htm](http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref_doc/badminton_ref_link_EL.htm)

##### **MMCD Output - Project 2**

The videos of the exam skills demonstrations of three required PE courses (Basketball, Volleyball and Physical Conditioning) and one elective course (Archery) could be assessed by <ftp://lab.peu.cuhk.edu.hk/ELearning/> (Login name: test\_PEU ; Password: 3943test). The videos available till now are as follows:

I) Basketball (Men &Women)

II) Volleyball (Men &Women)

III) Physical Conditioning (Men)

IV) Archery (Mix)

##### **MMCD Output - Project 3** (In preparing stage)

## **5. Three Items for MMCD Website**

**5a) A brief description of the micro-modules and a URL or web link of your MMCD output(can be more than one URL/ web link);**

The PE Unit would implement eLearning with 3 projects of micro-modules.

For project 1, video links of skills in different sports are selected and uploaded to the intranet of PE Unit. Teachers would play videos during lessons or post some video links on Blackboard for students' self-learning. Students would watch the videos themselves with teachers' instructions and guidance in class or out of class. Such practice would facilitate students' learning as the videos would let students understand more about different skills in sports.

With videos of different exam skills demonstrations provided on the webpage of PE Unit, project 2 would help students identify clearer learning objectives and mimic good demonstrations of various sports skills. Thus, students could foresee the learning outcome (major skills) of the course.

Project 3 focuses on internal lecturer training since videos of different staff development workshops and peer teaching observations would be uploaded and shared among the teachers. Thus, an easily accessible teaching resources depository would be formed.

### **MMCD Output**

#### **MMCD Output - Project 1**

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II) Table Tennis

[http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref\\_doc/tabletennis\\_ref\\_link\\_EL.htm](http://www.peu.cuhk.edu.hk/intranet/subjectmaterials/ref_doc/tabletennis_ref_link_EL.htm)

III) Badminton

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- IV) Archery (Mix)

**MMCD Output - Project 3** (In preparing stage)

**5b) Name of tool(s) that you have used to create the micro-modules and a brief evaluation of the tool(s)**

A video recorder and video editing software (Adobe Premiere Pro CS6) have been used to create the micro-modules. They are suitable and useful. The video recorder is needed for shooting exam skills demonstrations, staff development workshops and peer teaching observations so as to facilitate teaching and learning. The video editing software could synchronize 2 videos from different angles and edit them so as to let students know the teaching points of different sports clearly.

**5c) What flipped classroom activities have been conducted and how your MMCD output can be used to support flipped classroom activities;**

Flipped classroom activities have been conducted when students have extended their learning out of class by watching the relevant videos themselves with teachers' guidance or instructions.

At this stage, the micro-modules like the video links of sports of project 1 and exam skills demonstrations of project 2 would be uploaded to the intranet of PE Unit. Teachers would play video links of sports during lessons or select and upload relevant video links on Blackboard for students' self-learning. Students could identify the learning outcome of the course by watching different exam skills demonstrations themselves. By September 2015, all micro-modules of project 2 would be uploaded to the PE Unit webpage so that students could engage themselves in self-learning in a more comprehensive way.

Project 3 is about internal training of teachers and is not applicable for flipped classroom activities directly.

\*\*\*Remarks: By September 2015, the webpage of PE Unit would be reconstructed. Students could access the exam skills demonstrations directly through the webpage of PE Unit. Before that, the exam skills demonstrations of project 2 would be put on the intranet of PE Unit temporarily.