

THE CHINESE UNIVERSITY OF HONG KONG

Micro-Module Courseware Development Grant

Scheme 1: Basic Scheme

Final Report (2016-17)

Report due 30 April 2018

Please return by email to The Ad hoc Committee on Planning of eLearning Infrastructure
mmcd@cuhk.edu.hk

PART I

Project title: Courseware Development for Undergraduate Piano Pedagogy Class

Principal supervisor: Poon Kiu Tung

Co-supervisor(s) N/A

Department / Unit Department of Music

Project duration: From May 2017 to April 2018

Date report submitted: June 10

1. Project objectives

Is the project on track to meet its objectives?

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

The objective of the project was to develop four micro-modules to replace part of the classroom teaching and prepare students for hands-on activities that contribute towards their end-of-semester projects in a project-based learning course. It was planned to have two video lectures and an e-learning courseware with online quizzes to be used in the class last Fall. The objective was met. One video lecture with demonstration and three interactive e-learning courseware were produced and used to facilitate flipped-class approach. Online quizzes were integrated in the e-learning courseware instead of a stand-alone product. One more video lecture on Alexander Technique was also developed, and video footage on the overview of Piano Technique Pedagogy for future video lecture was also developed.

2. Process, outcomes or deliverables

MUSC 3533 Piano Pedagogy

Micro-module 1: Video lecture on piano technique

Duration in terms of student's online contact hours: 8-minute video. 0.5 contact hour

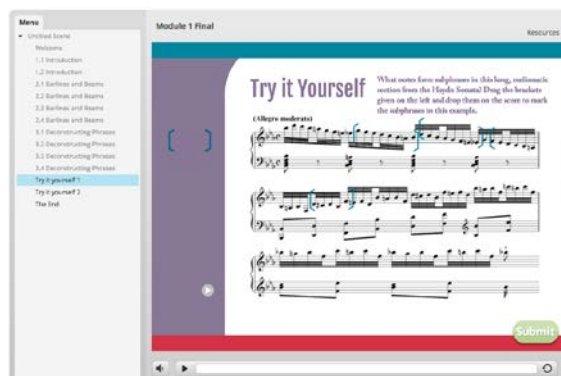
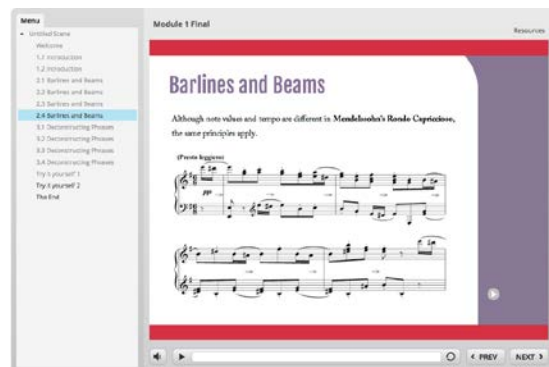
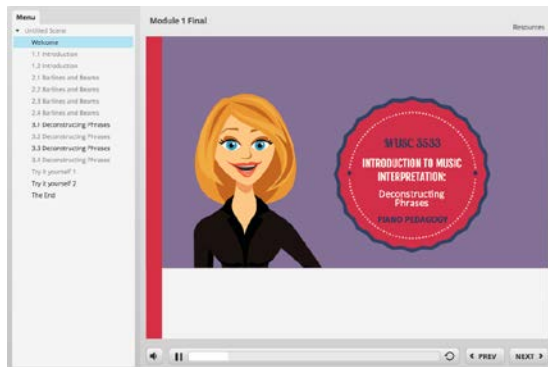
Style: S3 Video (pure background) and S4 demonstration



Micro-module 2: Interactive e-learning courseware on Introduction to Music Interpretation (Deconstructing Phrases)

Duration in terms of student's online contact hours: 0.5 contact hour

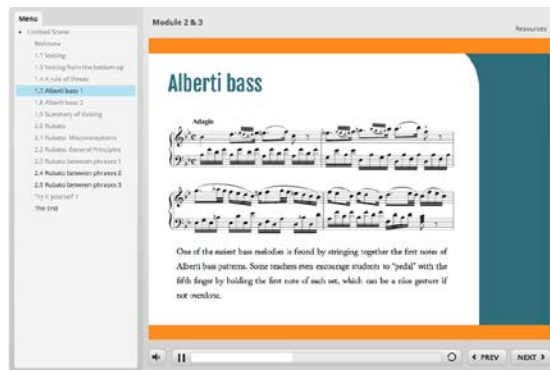
Style: S3 Video (pure background) and S4 demonstration



Micro-module 3: Interactive e-learning courseware on Introduction to Music Interpretation (Voicing)

Duration in terms of student's online contact hours: 0.5 contact hour

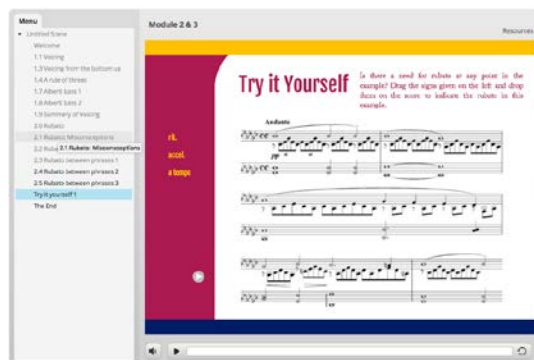
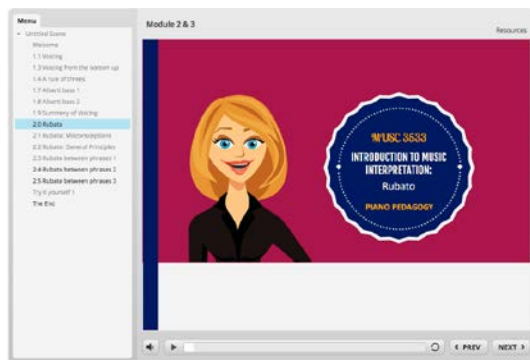
Style: S2 Articulate presentation (with sound recordings) + Voice over



Micro-module 4: Interactive e-learning courseware on Introduction to Music Interpretation (Rubato)

Duration in terms of student's online contact hours: 0.5 contact hour

Style: S2 Articulate presentation (with sound recordings) + Voice over + interactive exercises



Total duration time of all deliverables: 2 hours

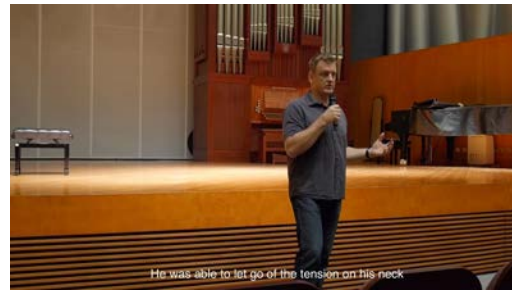
The nature of the deliverables has not been changed. The timeline was one month delayed. To improve the quality of micro-module 2, 3 and 4, voice-over recording was added after the deliverables were used. Micro-module 5 was developed and video footage for future video lecture was also taken. in the Spring for future usage.

The project was completed satisfactorily.

Micro-module 5: Video lecture on Alexander Technique for musicians

Duration in terms of student's online contact hours: 1 contact hour

Style: S3 Video (Pure background with caption)



And other video footage for future micro-module production

3. Evaluation Plan

Have you altered your evaluation plans?

What monitoring data did you collect?

Does your evaluation indicate that you have achieved your objectives?

I altered my evaluation plans upon consultation with the hired social scientist who assisted with the survey and interview design. Instead of conducting surveys and focus-group interviews, only focus-group interviews were conducted to assess students' perception on their learning outcome, ability to apply knowledge, competency, attitude, satisfaction, learning retention, material completion, motivation, engagement, efficacy, and effectiveness.

Based on instructor's reflections and evaluation on students' work samples, comparative study was also conducted on the cases in Fall 2016 (the same class with no e-learning tool supported) and Fall 2017 to evaluate students' learning outcome and other indicators. Midterm result and final student projects were used to examine students' learning outcome and effectiveness, comparing to data in Fall 2016. Analysis on the web logs data was conducted to evaluate students' completion of the video lectures.

My evaluation indicated that project objectives were met. Students was able to apply knowledge learned from the micro-modules in their end-of-semester project. They also demonstrated understanding of the materials during the in-class activity and in the mid-term.

4. Dissemination, diffusion and impact

Please provide examples of dissemination: website, presentations in workshops or conferences, or publications.

Please provide examples of diffusion: how the project results/process/outcomes/deliverables have been used in your unit and other parts of CUHK or other institutions?

Please provide examples of impact: how the project results (micro modules) can be adapted to other disciplines.

The interactive e-learning courseware created by storyline is an innovative product in the teaching of music pedagogy. The experience and the courseware will potentially make a significant contribution in the field of music pedagogy. Part of the data collected from the evaluation and the experience gained from the implementation of the project will be used for a paper to be presented in the National Conference on Keyboard Pedagogy in July 2019 in US.

Part of the data will also be disseminated in the annual CUHK Teaching and Learning Expo that potentially facilitate interdisciplinary exchange in the university level.