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Aim:

To develop micro-modules for the topics in the Basic Care in Gerontology course offered to Year 1 students in the Gerontology Programme.

Objectives

- (1) To enhance students’ understanding of the human body system;
- (2) To apply the knowledge learnt in micro-modules into basic care practice; and
- (3) To support the flipped-classroom implementation

Production Strategy

The production of the MMs adopted a number of multimedia software, including:

- Articulate 360: A set of authoring tools for course developments.
- Camtasia: A simple but intuitive video-editing software.
- GoAnimate: Web-based tool to constructed animated video.

Interactive MICRO-MODULEs for Gerontology Students

Topics selected

- Basic principles of Human Anatomy
- Essential Human Physiology: Understanding Blood pressure
- Physical changes in the aging process
- Mobility care

In total, four MMs were produced. Each MM lasted for 20 minutes in the combination of: (1) annotated course contents; (2) tailored made video/animations, and (3) Questions for self-evaluation.

Utilization and Application

MMs were uploaded and logged to the LMS of CUHK (Blackboard) under the course.
 Students were asked to go through the MMs and complete the self-check questions before class.
 During class time, course teachers revisited the important concepts in the MMs and encouraged active learning through in-class activities.

Evaluation Plan

- Student surveys
- A written survey will be collected at the end of the course.
- Focus-group interview
- Focus-group meeting will be arranged to access the usefulness and possible improvements.
- Online tracking system
- Access rate will be obtained through Blackboard statistics.















