

Our project involved developing bi-lingual micro-modules which focus on the principles involved when dispensing medications. The six micro-modules developed in both English and Chinese included an introduction to various pharmaceutical dosage forms, an explanation of different routes of administration, oral solid and liquid dosage forms, and finally extemporaneous compounding and the technique involved.

Each micro-module covered the necessary information related to the topic and examples of how it would be applied to a patient case. Technical concepts were then demonstrated through the 7 instructional videos within the pertinent micro-module for students to better understand the skills they were expected to perform in lab. All project deliverables were consolidated onto a website, accessible with a link from BlackBoard. Students may view the micro-modules on the website as well as browse the photo bank for a closer and detailed view of examples of the formulations presented in the micro-modules.

The micro-modules developed will be available to Yr 2 pharmacy students enrolled in Phar 2313 in the coming Term 1, 2018. Students will be asked to view the micro-modules prior to coming to class and practical session to convert class time into a flipped class room approach. A formal evaluation regarding these micro-modules will be conducted to obtain feedback for future development considerations.