

## Heads-up on CPR Learning Outcome Mapping

Tue., Oct 6, 2020

1. CPR context (on behalf of Minglun)
2. Focus: undergrad learning outcome (LO) mapping
3. Acknowledge: Jennifer Reniers (OTL) for assistance on Qualtrics LO mapping survey

1

## Cyclic Program Review (CPR)

- A. Internal reviews of academic programs on 8-yr cycle
- B. SoCS programs to be reviewed on 2021/22:
  - ❑ BComp: CS, SENG, General; MSc, MCTI, PhD;
- C. As part of Institutional Quality Assurance Process (IQAP), CPR includes self-study & external evaluation.
- D. Self-study “discussion should include consideration of the **learning outcomes for the program(s)** in relation to the **University’s learning outcomes**, and how these outcomes are realized by the program(s).”

2

## Some External Evaluation Questions

- A. Are the **program** requirements and **learning outcomes** clear, appropriate and in alignment with the **institution's statement** of undergraduate and/or graduate Degree Level Expectations?
- B. What **evidence** is there of any significant **innovation or creativity** in the content and/or delivery of the program relative to other programs?
- C. Are the **modes of delivery** appropriate and effective to meet with program's identified learning outcomes?
- D. Are the **methods used to assess** student achievement of the defined learning outcomes and degree level expectations appropriate and effective?
- E. Are the **means of assessment (particularly in the students' final year of the program)** appropriate and effective to demonstrate achievement of the learning outcomes specific to the major or specialization and the institution's (or degree program's) own degree level outcomes?

3

## Undergrad Curriculum Mapping

- A. Visual representation of the extent to which courses in a program teach and assess learning outcomes
- B. Tasks
  - 1. Add learning outcomes for BComp - General
  - 2. Compile PLO to ULO mapping for 3 undergrad programs
  - 3. **Collect/compile [course to PLO mapping](#)**
  - 4. **Collect/compile capstone projects to PLO assessment mapping**
- C. General scope of mapping
  - 5. 3 undergrad programs; ~20 PLOs/program;
  - 6. 47 undergrad CIS courses; each supports up to 3 programs;

4

## Ex Course to PLO Mapping

	Critical and Creative Thinking		Literacy		Global Understanding		Communicating		Professional and Ethical Behaviour	
	Taught?	Level Assessed	Taught?	Level Assessed	Taught?	Level Assessed	Taught?	Level Assessed	Taught?	Level Assessed
Course Code										
Course*1000	T	I							T	
Course*1001					T	I	T	I		
Course*1002	T	D	T	D	T	D				
Course*1003					T	R				
Course*1004		I		I	T	I	T	I		
Course*2000		I	T	I	T	I	T	I		
Course*2001	T	I	T	I			T	I	T	I
Course*2002					T	I				I
Course*2003					T	I				I
Course*2004	T	I	T	I	T	I				
Course*3000	T	R			T	R	T	R		
Course*3001	T	R	T	R	T	R	T	R	T	R
Course*3002	T	D					T	R	T	R
Course*3003	T	I	T	I						
Course*3004	T	I	T	I					T	
Course*4000	T	D	T	D	T	I	T	I		
Course*4001	T	I			T	I		I	T	
Course*4002	T	R	T	I	T	I				
Course*4003		I			T		T	I		
Course*4004	T	D	T	D	T	D	T	D	T	R

 Taught  
 Introduced  
 Reinforced  
 Mastered

5

## Tentative Plan (for Feedback)

- A. Qualtrics survey one per course
- B. Key survey question types per course (similar for project)
  1. Which PLOs are covered
  2. How PLOs are covered
  3. Which PLOs are assessed
  4. How PLOs are assessed
  5. Depth in which PLOs are assessed
  6. High impact practice integrated
  7. Innovations

Up to 60 questions for each type
- C. Compile course-program map → Survey creation
- D. Compile course-faculty map
 

→ Who takes survey for a given course
- E. Require consultation with faculty/staff in all steps, and time/effort from faculty on taking surveys.

6

## Some Pending Decisions

- A. Which courses and their projects will be surveyed as capstone projects?
- B. What will be the survey scope on courses?
  - 1. All CIS courses
  - 2. All required courses
  - 3. All “core” CIS courses
- C. What modes of delivery should be surveyed for PLO coverage?