

### Minor Program Adjustment

<b>Faculty:</b> Faculty of Engineering and Applied Science	<b>Date:</b> November 20, 2017
<b>Program:</b> Software Engineering	
<b>Undergraduate:</b> X	<b>Graduate:</b> <input type="checkbox"/>

*Minor Program Adjustments include: New required courses, Deletion of required courses, Other changes to degree requirements or program learning outcomes, New academic requirements or changes to existing requirements.*

**Motion:** That CPRC approve a Minor Program Adjustment for Software Engineering and Software Engineering and Management programs.

### Proposal Brief

**Summary of the proposed change** (for pathways, please include details on the specific or unspecified transfer credits students will receive, if applicable)

The proposed Minor Program Adjustment is to add three additional engineering electives to the approved Software Engineering Electives.

- SOFE 4620U: Machine Learning and Data Mining
- SOFE 4630U: Cloud Computing
- SOFE 4640U: Mobile Application Development

**Description of the ways in which the proposed change will enhance the program and/or opportunities for students**

This will provide the opportunity for students in the comprehensive Software Engineering program to take courses related to the Internet of Things.

**Process of consultation with other units if the change(s) involves students, staff, and/or faculty from other programs or courses**

Not applicable.

**Analysis of financial and enrolment implications**

None. The courses are already offered as part of the Software Engineering Internet of Things Specialization.

**Proposed Implementation Date (state term, e.g. Fall 2017)**

Fall 2018

**Transition Plan (include a plan for all current students in the program, by year level)**

Not applicable.

**Calendar Copy and/or Program Maps (highlight revisions to existing curriculum)**

The following are approved courses as Engineering electives:

- SOFE 4620U - Machine Learning and Data Mining
- SOFE 4630U - Cloud Computing
- SOFE 4640U - Mobile Application Development
- [SOFE 4800U – Advanced Operating Systems](#)
- [SOFE 4820U – Modelling and Simulation](#)
- [SOFE 4830U – Real Time Systems and Control](#)
- [SOFE 4860U – Computer Graphics Design](#)
- [SOFE 4870U – Special Topics in Software Engineering](#)
- [SOFE 4890U – Advanced Computer Networks](#)

**APPROVAL DATES**

Software Engineering Program Curriculum Committee	November 22, 2017
ECSE Department Council	December 5, 2017
Engineering Curriculum Committee	January 24, 2018
Engineering Faculty Council	February 7, 2018
CPRC Approval	19 January 2018
Submission to Academic Council	