CARLETON UNIVERSITY COMMITTEE ON QUALITY ASSURANCE
Cyclical Review of the undergraduate programs in Software Engineering

Executive Summary

This Executive Summary and Final Assessment Report of the cyclical review of Carleton's undergraduate programs in Software Engineering are provided pursuant to the provincial Quality Assurance Framework and Carleton's Institutional Quality Assurance Process (IQAP).

EXECUTIVE SUMMARY

The undergraduate programs in Software Engineering reside in Systems and Computer Engineering.

A cyclical review of these programs was completed in conjunction with the accreditation review process undertaken by the CEAB.

As a result of the review, the programs were categorised by the SQAPC as being of **GOOD QUALITY**. (Carleton's IQAP 7.2.12).

The Report of the Visiting Team offered a very positive assessment of the programs. Within the context of this positive assessment, the report nonetheless made a number of recommendations for the continuing enhancement of the programs. These recommendations were productively addressed by the unit Director, and Dean of the Faculty of Engineering and Design in a Unit Response and Action Plan that was submitted to SQAPC May 7, 2020.

Software Engineering Undergraduate Programs May 21 2020				
External Reviewer Recommendation & Categorization **Note: Definitions from CEAB Accreditation Standards:** **Concern: Criterion satisfied; potential exists for non-satisfaction in near future.** **Weakness: Criterion satisfied; insufficient strength of compliance to assure quality of program will be maintained.** **Deficiency: Criterion not satisfied.**	**Action Item**	**Owner**	**Timeline**	**Will the action described require calendar changes? (Y or N)**
1. *Weakness: There is misalignment of corresponding indicators with some graduate attributes. (Criterion 3.1.3)*	*None*	*The Department of Systems and Computer Engineering*	*N/A*	*N*
2. *Weakness: Space in labs for individual and team work is insufficient. (criterion 3.4.7)*	*None*	*The Department of Systems and Computer Engineering*	*N/A*	*N*

3. *Weakness: Student space, especially for organizations and extracurricular projects, is lacking. There is insufficient classroom space. (Criterion 3.5.1.2)*	*None*	*The Department of Systems and Computer Engineering*	*N/A*	*N*
4. *Concern: The educational experience of students is potentially negatively impacted by the quality and accountability of the teaching assistants and by understaffed technical support. lnteractions and training for lT technical staff are insufficient for keeping up to date on curriculum. There is a perceived need for onsite staff training. (Criterion 3.S.1. j)*	*None*	*The Department of Systems and Computer Engineering*	*N/A*	*N*