

EXECUTIVE SUMMARY & IMPLEMENTATION PLAN

PROGRAM UNDER REVIEW

PROGRAM	SENATE APPROVAL DATE	PREPARED BY
Mathematics & Computer Science	May 13, 2016	Dean of Arts Science

A. SUMMARY OF REVIEW PROCESS & LISTING OF PROGRAMS UNDER REVIEW

SELF-STUDY REVIEW TIMELINE	DATE
1. Self-Study Presented to PPC	February 15, 2013
2. Site Visit Conducted	March 21/22, 2013
3. Reviewer's Report Received	April 29, 2013
4. Department's Response Received	October 18, 2013
5. Dean's Response Received	October 21, 2013

The members of the review committee were:

- Dr. Doug Franks (Nipissing University)
- Dr. Roman Brozowski (Nipissing University)
- Dr. Walter Tholen (York University)
- Dr. Sheridan Houghten (Brock University)

The academic programs offered by the Department which were examined as part of the review included:

- Bachelor of Arts – Mathematics
- Bachelor of Arts – Computer Science
- Bachelor of Science – Mathematics
- Bachelor of Science – Computer Science

This review was conducted under the terms and conditions of the IQAP approved by Senate on May 17, 2013 and ratified by the Quality Council on June 28, 2013

B. IMPLEMENTATION PLAN

Below are the recommendations that require specific action as a result of the Review, along with the identification of the position or unit responsible for the action in question. Notwithstanding the position or unit identified as the being responsible for specific recommendations, the Dean of the Faculty has the overall responsibility for ensuring that the recommended actions are undertaken

RECOMMENDATION	RESPONSIBLE MEMBER/UNIT	PROJECTED COMPLETION
The Department should explore the possibility of using a different programming language in first year Computer Science courses, and present the findings of that analysis to Dean for further action if warranted.	Department	December 2016
The Department should ensure that the Computer Science curriculum be reviewed to ensure that it meets ACM/IEEE-CS guidelines.	Department	May 2017
The issue of “project and work experience” is an issue much broader than Mathematics and Computer Science. The Faculty of Arts and Science has developed a mechanism to incorporate this in many of its programs. PPC recommends that the Department investigate how to integrate project and work experience into the curriculum of both Mathematics and Computer Science.	Department	May 2017
PPC recommends that the Dean and the Department Chair meet with the Dean of Education to ensure that the curriculum continues to meet the needs of the Education Faculty.	Department	December 2016