



**18-Month Follow-Up
SUMMARY REPORT
March 2024
BSc in Computer Science
Dean: Dr. Greg Crawford**

Under Ontario Tech University's Institutional Quality Assurance Process (IQAP) and the Ontario Quality Assurance Framework (QAF), all programs are subject to a comprehensive review at least/at minimum every eight years to ensure that they continue to meet provincial quality assurance requirements and to support their ongoing rigour and coherence. Program reviews involve several stages, including:

1. A comprehensive and analytical self-study brief developed by members of the program under review.
2. A site visit by academic experts who are external to and arm's length from the program. The visit involves discussions with senior academic administrators, faculty, staff, and students.
3. Submission of an external reviewers' report including recommendations on ways the program may be improved based on a review of the program's self-study brief, discussions during the site visit and supporting material.
4. Internal responses to the external review and recommendations prepared separately by the Program and Dean.
5. Development of an Implementation Plan prepared by the Dean including resource requirements and a timeline for acting on and monitoring the implementation of the recommendations.

All programs that undergo a review must provide a report eighteen months after the completion of the review to gather information on the progress that has been made implementing the agreed upon plans for improvement.

In 2019-2021, a review was scheduled for the Bachelor of Science in Computer Science with a site visit on May 2-3, 2022. The program has submitted to the Provost's Office a report outlining the progress they have made relative to the implementation plan resulting from the review. A summary of this progress is provided on the following pages.

Implementation Plan Action Item(s) <i>(corresponding recommendation # from reviewers' report)</i>		Timeline	Status*	Comments from Dean on progress of implementation
1.	More research faculty (6 hires in 3 years; at least 3 TTT).	<p>1. Conduct the two net new TTT for 2022-23.</p> <p>2. Develop a longer-term (~3 year) data-driven hiring plan/budget that engages budget decision-makers; include in 2023-24 budget proposal.</p>	<p>Complete by Dec. 2022</p> <p>Sept. 2022-Mar. 2023</p>	<p>Complete</p> <p>Added 1 TTT and 1 TF, July 2022 Added 2 TTT, July/August 2023 Added 1 TF, January 2024 Two more TTT expected to be hired, July 2024 Additional hires expected as / if enrolment continues to grow</p>
2.	Consistent course scheduling and teaching	<p>1. For 2023-24 schedule review increased teaching capacity and expertise; make first adjustments to expanding upper level offerings.</p> <p>2. For 2024-25 schedule</p>	<p>Jan. 2023</p> <p>Jan. 2024</p>	<p>Complete</p> <p>Complete</p> <p>Review completed. Five new courses approved (two of which were offered in 2023-24: CSCI 3240, CSCI 3540).</p> <p>Second round review completed. Three more new courses approved; four new courses expected to be offered for 2024-</p>

		review increased teaching capacity and expertise; make first adjustments to expanding upper level offerings.			25 (CSCI 4055, CSCI 4080, CSCI 4055, CSCI 4460)
3.	Additional lab (technical) support	Develop a 3-year plan to expand technician support for undergrad CS labs (tied to the planning process described in Recommendation #1)	Draft plan complete by Nov. 2022	Complete	Added second CS technician, fall 2022
4.	Include O'Reilly books in Library offerings	Work with Library to determine how best to meet this request	Draft plan complete by Oct. 2022	Complete	The Library created an active trial for the O'Reilly for Higher Education digital platform through January 30, 2023. Feedback from the trial was positive and the Library has invested in a subscription to this resource.
5.	Study retention rates	Conduct study and report results	Complete by July 2023	On Hold	This item has been delayed. We intend to develop a plan during summer 2024.

***Process Status Legend:**

Complete: Accomplished action item; no further steps required.

Continuous: Initial action item complete but requires ongoing monitoring and/or enhancement.

In Progress: Progress on the action item has been initiated but is not complete at this time. Outline all steps taken in the comment's column.

On Hold: Unable to complete due to other dependent factor(s).

Cancelled: Item no longer relevant or resources unavailable.

This summary report will be sent for approval to the appropriate standing committee of Academic Council (USC or GSC), and will subsequently be reported to Academic Council. It will then be posted on the Ontario Tech corporate website.

Next Scheduled Program Review: 2027-2029