



Master of Applied Science, Master of Engineering, and Doctor of Philosophy in Electrical and Computer Engineering
18-Month Follow-Up
Dean: Dr. Tarlochan Sidhu

Under Ontario Tech University's Quality Assurance Framework, all degree programs are subject to a comprehensive review 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 who prepare a report and recommendations on ways that it may be improved based on a review of the program's self-study and supporting material, and a two day site visit involving discussions with faculty, staff and students and a tour of the facilities.
3. Development of a plan for improvement by the program and proposed timelines for implementation.

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 2016, a program review was scheduled for the **Master of Applied Science, Master of Engineering, and Doctor of Philosophy in Electrical and Computer Engineering**, with a site visit in on June 2016. The program has submitted to the Provost's Office a comprehensive chart outlining the progress they have made relative to the action plans resulting from the review. A summary of this progress is provided

on the following pages. The summary report is reviewed by the appropriate standing committee of Academic Council and is subsequently reported to Academic Council and the Board of Governors.

Next Scheduled Program Review: 2022-2024

Action Items	Process Status	Comments
Identify core courses in each field	Complete*	Complete and sent to FEAS. Discussion regarding cross listing on going.
Add Power Systems in the PhD program and add fields of specialization to MASc program	Complete - Fall 2017	Power systems and power electronics field was added. A request was made to SGPS to add the field of specialization for MASc.
Review of admission requirements of MEng and criteria for MEng-to-MASc transfer	Complete	Complete and available in the FEAS graduate handbook. This item will be revisited again once a financial model is finalized.
Re-examine and clarify learning outcomes of all programs	Complete*	
Remove the 2nd seminar course for PhD program and revise the 1 st seminar course	Complete	Fall 2017
Increase IT support as per 2017-2018 integrated academic plan (IAP)	Complete*	We worked with IT closely. Currently Mike Prasad from central IT provides regular support to the faculty.
Additional course offerings	On hold – Pending finalization of financial model	Some new courses are developed by the new hire however, there is a constraint regarding the teaching load for each faculty member. This item will be revisited once the financial model is finalized.
Explore incentives for program growth	Complete	This item is outside the ECSE program jurisdiction.

**The Faculty deems this action item as a priority requiring ongoing review and consideration.*