



Master's and PhD Mechanical 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's and PhD Mechanical 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
Increase IT support as per 2017-2018 integrated academic plan	Complete	We worked with IT closely. Currently Mike Prasad from central IT provides regular support to the faculty.
Additional course offerings	Complete	There is now a two-year cycle of graduate electives and courses are offered on a rotating basis. Currently the Provost is working on developing a new financial incentive model university-wide.
Revision of English language proficiency requirements and admission/transfer processes (particularly at master's level)	Complete*	The English language proficiency policy and policy revised in 2017. Admission processes reviewed as part of a larger effort to harmonize MEng admission requirements and MEng-to-MASc transfer criteria.
Explore incentives for program growth	Complete	Currently the provost office is working on developing a new financial incentive model university-wide.
Reinforce a strategy to hire female faculty members into the program	Complete*	This task will continue however, since this review we have hired 4 female faculty members to support faculty growth in these programs.

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