Addendum: Update of the outcome categorization for the cyclical review of the graduate program in Engineering Management to Good Quality.

From: Graduate Program Evaluation Committee

Date: 31 August, 2016

<table>
<thead>
<tr>
<th>Program</th>
<th>Engineering Management</th>
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<tr>
<td>Degrees</td>
<td>• Master of Engineering in Engineering Management</td>
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<td>• Graduate Diploma in Technology Project Management</td>
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Following the cyclical review of the graduate program in Engineering Management, the Graduate Program Evaluation Committee (GPEC), gave the program an outcome categorization of Good Quality with Report, at its meeting on September 16, 2014, to be submitted by February 2016.

The GPEC received the report and reviewed it at its meeting on March 23, 2016. The report adequately addressed the recommendations 1 through 5 outlined in the Final Assessment Report and Executive Summary. The GPEC members unanimously voted in favour of adjusting the program outcome categorization to Good Quality.

The next cyclical review for Engineering Management is scheduled for 2020-2021.
Cyclical Review

Executive Summary

Cyclical Review of the Graduate Program in Engineering Management

Degree(s):

Master of Engineering in Engineering Management
Graduate Diploma in Technology Project Management

Submitted to:

Graduate Program Evaluation Committee
Faculty of Graduate and Postdoctoral Studies

September 16, 2014

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Senate of the University of Ottawa

October 29, 2014
Executive Summary

Graduate Program in Engineering Management
Cyclical review year 2012-2013

Approved by the Graduate Program Evaluation Committee
Faculty of Graduate and Postdoctoral Studies
Meeting of September 16, 2014

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<td>Faculty of Engineering</td>
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<td>Telfer School of Management</td>
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<tr>
<td>Final Evaluation</td>
<td>Good quality with report required due on February 2016.</td>
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Significant Strengths of the Program

The Faculty of Engineering and the Telfer School of Management offer an evolving M.Eng. program in Engineering Management and a Graduate Diploma in Technology Project Management. These programs focus on training engineers in the areas of management and leadership, with the leadership component increasingly centred on entrepreneurship. The programs offer a broad range of courses from both the Faculty of Engineering (primarily system engineering courses) and the Telfer School of Management (MBA courses). Both are delivered by highly qualified and committed faculty. The programs serve an important need that exists amongst both Canadian and international engineering graduates and practitioners, as exemplified by the enormous growth in both applications and admissions to the program over the past few years.

Areas for Improvement and Enhancement

While the programs serve an important niche and are delivered by highly qualified staff, program delivery must evolve in the context of the increasing student enrolment, particularly by International students who must adjust to the Canadian context. The two faculties have recently put in place a new structure to both academically and administratively manage the program in a balanced manner. The new management team must oversee a program evaluation/revitalization process that ensures that progression through courses is logical, learning outcomes for graduate level programs are met, the sense of community amongst current students is improved, and appropriate administrative support enabling access to required courses is ensured.

Recommendations

1. The admission criteria need to be re-evaluated in the context of available resources. Sufficient course offerings and support services must be available for each cohort to optimally progress through the program.
2. The curriculum (both the course offerings and the course progression) needs to be re-assessed in light of graduate level learning outcomes and increased student enrolment, particularly international students.

3. The program must incorporate a research component that meets the degree level expectations for graduate programs in Ontario.

4. The program should explore opportunities for students to acquire relevant work experience during the program via internships, projects with local companies, career fairs, networking events, etc.

5. Additional attention must be paid to the development of a sense of community among students and professors in the program.

Implementation Plan

Calendar and Deadlines
All five recommendations should be addressed in a report to be submitted in 12 months (February 2016). The next cyclical evaluation will be completed no later than the year 2020.

Authorities
The authorities who are responsible for implementing and monitoring the recommendations include the Director and Associate Director of the graduate program in Engineering Management, the Dean of the Faculty of Engineering and the Dean of the Telfer School of Management.