



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Cristina Amon, Dean

MEMORANDUM

2012/13-23

To: Members of the Faculty of Applied Science and Engineering

From: Yu-Ling Cheng, Acting Dean

Date: March 1, 2013

Re: Task Force to Review the Core Program Curricula

It has been more than 11 years since the curriculum offered to first year FASE students has been comprehensively reviewed. Although there have been several changes made to the curriculum since the last review, these changes have largely been incremental and carried out in response to the needs of individual programs. Accordingly, we have created a Task Force to review the first year curriculum overall, with a view to bringing this into alignment with the academic priorities and learning outcomes established in our Academic Plan. The terms of reference and reporting date are provided below.

TERMS OF REFERENCE

1. To examine the existing content and delivery of all of the course offerings in first year;
2. To examine the student response to these course offerings;
3. To identify the strengths and weaknesses of our existing course offerings;
4. To assess the existing and evolving foundational educational needs of all FASE programs;
5. To explore opportunities to develop synergies, or provide allowance for transferability, between programs
6. To examine the best practices in engineering education including examining the First Year curricula and delivery at other leading comparative engineering educational institutions;
7. To recommend changes, if any to the content or delivery of the First Year courses.
8. To identify and recommend a course of action for implementation of any proposed changes.

Reporting Date: September 2013



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING

Cristina Amon, Dean

I am grateful to the following who have agreed to serve as members of this Task Force:

Micah Stickel, Chair-First Year, Senior Lecturer, Department of Electrical & Computer Engineering (Task Force Chair)
Tim Bender, Professor, Department of Chemical Engineering & Applied Chemistry
Evan Bentz, Associate Professor, Department of Civil Engineering
Costas Sarris, Associate Chair-Division of Engineering Science, Professor,
Department of Chemical Engineering & Applied Chemistry
Jason Bazylak, Senior Lecturer, Department of Mechanical & Industrial Engineering