



Cyclical Program Review Final Assessment Report and Implementation Plan for the Academic Programs Offered by the Department of Chemical Engineering

Programs Reviewed: BScE; MASC; MEng; PhD Chemical Engineering
BScE; MASC; PhD Engineering Chemistry
MASC; PhD Biomedical Engineering

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assessment report provides a synthesis of the external evaluation, internal responses and
assessment of the above programs. This report identifies 6ET Q T Q q 0.00000F4 11 1 244.3n67.030000912 0 6

viii. Deputy Provost

- 4) The review team reported on 6 May 2018 Responses to the review team report were provided by the Department Head, Dean, Faculty of Engineering and Applied Science and Vice-Provost and Dean, School of Graduate Studies
- 5) The Senate Cyclical Program Review Committee considered all the documentation at its meeting on 27 September 2018 and identified opportunities for enhancement and recommendations for improvement.

The following strengths were noted:

- x Excellent reputation across Canada
- x Very high quality undergraduate programs spanning two disciplines with cross-disciplinary training
- x Student bodies (undergraduate and graduate) diverse and very well integrated
- x Undergraduate labs that are very well designed and well staffed to provide superb opportunities for problem solving and provide a positive learning environment
- x High quality graduate students with excellent times to completion
- x Outstanding faculty members who are at the forefront of the discipline ; recent hires have improved the male/female ratio
- x Exceptional departmental staff including the departmental administrator who is highly respected and liked by staff and students.

The following opportunities for enhancement



Implementation Plan

Recommendations

Proposed Follow -up

Recommendations	Proposed Follow -up	Responsibility for Leading Follow -up	Resource or Governance Implications	Timeline for Addressing Recommendation
offering a smaller suite of graduate courses that can be offered every year.				
<p>6. Reviewers recommend that the unit explore the idea of a professional – Š œ • Ž › œ 1 • Ž • › Ž Ž œ 1 àrea\$ ” with cognate departments to generate new sources of revenue. Different formats should be considered including on -line learning and intense short courses. An example would be • ‘ Ž 1 • ‘ Ž – Ž 1 ~ • 1 • Š œ Š 1 – ‘ Š • unit would be well -positioned to lead .</p>	Participate in the faculty -wide MEng professional master s program initiative	Department head	Human resources to be provided by the department	Ongoing
<p>7. Reviewers recommend that the unit make efforts to increase the participation rate of undergraduate students in the internship program so that a greater proportion of students benefit from this form of experiential learning. Current participation is around 20% and the challenge is to</p>	Implement strategies that will increase participation rates of undergraduate students in internship program. Leverage FEAS supports that help students with	Department head	Human resources to be provided by the department	Ongoing

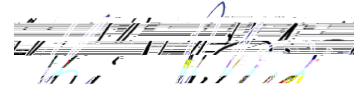
Recommendations

Proposed Follow -up

Responsibility for
Leading Follow -
up

Resource or
Governance

Dean, Faculty of Engineering and Applied Science



Signature

Final status of academic programs in the
Department of Chemical Engineering

Approved to Continue

Date of next program review

2025-2026 Academic Year