

Request for Calendar Change Form

Tracking No:
(Senate Secretary's Office
use only)
Date:

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dr. Henri Saliba	Engineering
	Department the change relates to	
	Chemical Engineering	
	Contact Person	
	Dr. Lionel Catalan, Chair	

Is the proposed calendar change Undergraduate

Instructions:

1. In all cases please complete and attach section 1 and 2
2. If the calendar change affect other departments/schools/faculties complete and attach section 3
3. If the answer to any of the questions below is yes, explain. Attach separate sheets with reference to the question

- | | | |
|--|--|---|
| 1. Do the proposed changes affect other departments/ schools/faculties in terms of their calendar change? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 2. Is a transition plan needed for student in progress? | Yes
<input checked="" type="checkbox"/> | No
<input type="checkbox"/> |
| 3. Are the proposed changes likely to affect student enrollment in your department/school/faculty? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 4. Are the proposed changes likely to affect student enrollment in other departments/schools/faculties at Lakehead University? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 5. Will the proposed changes require additional teaching space and/or teaching staff and/or equipment and/or other resources? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 6 Will the proposed changes affect existing teaching loads within your department/school/faculty? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 7. Will the proposed changes increase demand for teaching support services such as the library, computing services and technical staff ? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 8. Will the proposed change require direct or in-kind support from outside the academic unit? | Yes
<input type="checkbox"/> | No
<input checked="" type="checkbox"/> |
| 9. Do the proposed changes include change in course(s) which is/are required core course(s) for a major? | Yes
<input checked="" type="checkbox"/> | No
<input type="checkbox"/> |
| 10. Do the proposed changes include a change in course which is | Yes | No |

- service/required course(s) in another program? Yes No
11. Do the proposed changes include change in course(s) which is/are open elective available to any student in any program? Yes No
12. Do the proposed changes include change in course(s) which is/are elective in a major i.e. restricted to students in a major? Yes No

Signatures:

Date approved by faculty council
13/05/2010

Section 1

Description of the Proposed Calendar Change:

1. Delete ENGI 1234 Chemical Technology of Wood Products. ENGI 2039 Paper Manufacture and Analysis will be combined with ENGI 1234 to create a new course, 1XXX - Pulp and Paper Manufacture starting 2011-2012 academic year. ENGI 2039 will be offered for an additional year for those students who have already completed ENGI 1234. (ENGI 2039 will be deleted in the following year)
2. Move ENGI 2151 FA from Fall term of year 1 to Fall term of Year 2
3. Addition of ENGI 1XXX - Introduction to Engineering Drawing and CAD
4. Delete ENGI 2939 - Technology Project
5. Change COMP 0411 WA to Comp 1411 WA in the first year.

Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)

1

To make course content more relevant to current job market

2

See section 1

3

To advise students regarding transition arrangements for the combining of ENGI 2039 and 1234

4

To accommodate scheduling of new courses

5

See section 1

6

To meet accreditation requirements by including a lab component

7

To accommodate addition of new courses and deletion of ENGI 2039

8

To accommodate scheduling with course additions

Section 2

Existing Calendar Entries:
(Page reference based on hard copy or URL based on electronic version of calendar)

Proposed Calendar Entries/Addition/ Deletion
-If only addition, specify page number and placement in university calendar
-If only deletion, write Deleted

1

<http://mycoursecalendar.lakeheadu.ca/pg700.html>

ADDITION

ENGI 1XXX Pulp and Paper Manufacture (0-0, 3-1.5)

Introduction to wood chemistry, chemical and mechanical pulping and bleaching technology, Papermaking technology and paper recycling. Chemical and physical properties of pulp and paper. Environmental impact of pulp and paper plants.

2

<http://mycoursecalendar.lakeheadu.ca/pg700.html>

Engineering 1234 (old 3234) Chemical Technology of Wood Products Industry
Description:

Introduction to carbohydrate chemistry, wood morphology and chemical composition, chemical pulping methods and reaction mechanisms, bleaching technology, physical and chemical properties of cellulose and lignin, chemistry of chemical additives, chemical technology of composite board manufacture, related environmental effects.

Offering:
0-0; 2-0

DELETED

3

<http://mycoursecalendar.lakeheadu.ca/pg609.html>

Transition Arrangements - In the first year of change, entering students will take the new program. ENGI 2039 will be offered one additional year for those already in the program who have successfully passed ENGI 1234. Those you have failed ENGI 1234 shall take the new program consisting of ENGI 1XXX Introduction to Engineering Drawing and CAD, and ENGI 1XXX

Pulp and Paper Manufacture.

4

<http://mycoursecalendar.lakeheadu.ca/pg609.html>

Move ENGI 2151 to Fall term of Year 2

5

<http://mycoursecalendar.lakeheadu.ca/pg700.html>

ADDITION

ENGI 1XXX Introduction to Engineering Drawing and CAD (1-2, 0-0)
Introduction to engineering drawing techniques, lettering, linetypes, scaling and dimensioning. Computer aided drafting. Flowcharts, schematics, isometrics, process and instrumentation drawings and process layout.

6

<http://mycoursecalendar.lakeheadu.ca/pg700.html>

Engineering 3014 (old 4014) Engineering Chemistry
Description:
Basic principles and relationships of Chemistry as applied to Engineering. This course has been designed to provide entrants to the BEng program with an improved background in Chemistry and it is taken by all students except graduate Chemical Engineering Technologists.

Engineering 3014 (0-0, 4-1) Engineering Chemistry
Description:
Basic principles and relationships of Chemistry as applied to Engineering. This course has been designed to provide entrants to the BEng program with an improved background in Chemistry and it is taken by all students except graduate Chemical Engineering Technologists.

7

<http://mycoursecalendar.lakeheadu.ca/pg609.html>

Existing Entry
*With the approval of the Chemical Engineering Department, Engineering 2039 may be replaced by Engineering 2939 - Technology Project (3-0; or 3-0).

DELETED

8

<http://mycoursecalendar.lakeheadu.ca/pg609.html>

Remove COMP 0411 Elementary Programming from the first year Fall term and change to COMP

1411 Computer Programming I in the first year
Winter term

Section 3

The Faculty(ies) affected by the proposed calendar change

Engineering

I have been consulted regarding the attached calendar change and understand the academic and budgetary implication on my Dept./School/Faculty.

I agree to this calendar change proposal

Yes

No

Name:

Dr. Henri Saliba

Faculty:

Engineering

Date:

02/11/2010

Signature of Dean

