

Request for Calendar Change Form

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

Date:

11/11/2008

To	Secretary of Senate	
From	Name(Dean):	Faculty
	Dr. Andrew Paul Dean	Science & Environmental Studies
	Department the change relates to	
	Mathematical Sciences	
	Contact Person	
	Dr. A. J. Dean	

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 type="checkbox"/> | No
<input checked="" 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 type="checkbox"/> | No
<input checked="" 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

Section 1
Description of the Proposed Calendar Change: Pre-requisite for Math 2131
Rationale of the Proposed Calendar Change(s): (Corresponding to Section 2 where required)
1 Math 2131 is the continuation of Math 1180. Students with Math 1160 usually do not have the appropriate math preparation for Math 2131.

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

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Mathematics 2131
Vector Calculus
0-0; 3-0
Prerequisite: Mathematics 1160 or 1180
Coordinate systems and vectors; parametric curves and surfaces; partial differentiation; multiple integration; vector fields; and vector calculus including Green's theorem, Stokes' theorem, and the divergence theorem.

Mathematics 2131
Vector Calculus
0-0; 3-0
Prerequisite: Mathematics 1180 or permission of the department.
Coordinate systems and vectors; parametric curves and surfaces; partial differentiation; multiple integration; vector fields; and vector calculus including Green's theorem, Stokes' theorem, and the divergence theorem.

Section 3

The Faculty(ies) affected by the proposed calendar change

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:

Faculty:

Date:

Signature of Dean