

New Program/Major or Minor/Concentration **Proposal Form**

1.0 Degree Tile 2.0 Administering Faculty/Unit Please specify the two degrees for concurrent degree programs Graduate and Postdoctoral Studies Master of Engineering Graduate and Postdoctoral Studies 1.1 Major (Legacy= Subject)(30-char. max.) Offering Faculty/Department Materials Engineering Engineering / Mining and Materials Engineering 1.2 Concentration (Legacy = Concentration/Option) 3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) 1.3 Minor (with Concentration, if Applicable) (30 char. max.) Term 4.0 Rationale and Admission Requirements for New Proposal The Keing Mining and Materials Engineering program submitted concurrent Mining and Materials Engineering program submitted concurrently with this program proposal (PRN 11520). 5.0 Program Information Please check appropriate box(es) 5.1 Program Information S.2 Category 5.3 Level Materials Engineering Thesis is based expansion requirements are not being changed. A course proposal for MMME 610 will be submitted concurrently with this program proposal (PRN 11520). Undergraduate 5.1 Program Type 5.2 Category 5.3 Level Materials Engineering Thesis (N) Collegial Undergraduate	(2013)					
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8.0 Program Description (Maximum 150 words)	
The M.Eng. (Thesis) degree is open to graduates holding the B.Eng. degree or its equivalent in Materials Engineering or other related engineering fields.	
9.0 List of proposed program for the New Program/Major or Minor/Concentration.	٦
If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.	
Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)	
M.Eng.; Materials Engineering (Thesis) (45 credits)	
Thesis Courses (27 credits)	
MIME 690 Thesis Research 1 (6) MIME 691 Thesis Research 2 (3) MIME 692 Thesis Research 3 (6) MIME 693 Thesis Research 4 (3) MIME 694 Thesis Research 5 (6) MIME 695 Thesis Research 6 (3)	
Required Courses (3 credits)	

MIME 601 Engineering Laboratory Practice (0) MIME 610 Master's Foundation Course (3)

Required Seminar (6 credits) MIME 670 Research Seminar 1 (6)

Complementary Courses (9 credits)

9 credits at the 500-level or higher selected from within and/or outside the department in consultation with the student's supervisor and/or Advisory Committee.

Layout of existing – Master of Engineering (M.Eng.) Mining and Materials Engineering (Thesis) (45 credits)

Program Requirements

Thesis Courses (27 credits)

- MIME 690 Thesis Research 1 (6 credits)
- MIME 691 Thesis Research 2 (3 credits)
- MIME 692 Thesis Research 3 (6 credits)
- MIME 693 Thesis Research 4 (3 credits)
- <u>MIME 694 Thesis Research 5 (6 credits)</u>
- MIME 695 Thesis Research 6 (3 credits)

Required Seminar (6 credits)

• MIME 601 Engineering Laboratory Practice

6 credits from the following courses:

- MIME 670 Research Seminar 1 (6 credits)
- <u>MIME 672D1 Rock Mechanics Seminar (3 credits) *</u>
- <u>MIME 672D2 Rock Mechanics Seminar (3 credits) *</u>
- <u>MIME 673 Mining Engineering Seminar (6 credits)</u>

* Note: Students must register for <u>MIME 672D1</u> and <u>MIME 672D2</u> in consecutive terms.

Complementary Courses (12 credits)

12 credits at the 500-level or higher selected from within and/or outside the department in consultation with the student's supervisor and/or Advisory Committee.

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	Prof. Georae Demopoulos	(Mm-	Mourch 24/2017
Curric/Acad Committee	Prof. Laurent Mvdlarski	d. U.S.	Mar. 27,207
Faculty 1	Prof. Laurent Mvdlarski	A. Der	Mar. 27,2017
Faculty 2			
Faculty 3			
CGPS			
SCTP			
APC			
Senate			
Submitted by			
Name	Prof. Richard Chromik	To be completed by ARR:	
Phone	514-398-5686	CIP Code	
Email	Richard.chromik@mcɑill.ca		
Submission Date	March 1. 2017		