DECISION ACADEMIC

Lakehead University
Faculty of Engineering

REQUEST REPORT

Request Tracking Number: 2013-ENG-2939
Request Title: Mechanical 2013

Request Effective Date: Fall 2014
Request Status: In Workflow
Request can't be split

Request Contents

Type		Title
1.	New Course	Introduction to Engineering Design
2.	New Course	Computational Methods and Modeling for Mechanical Engineering

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Laura Parker	No	Submitted to workflow	12/02/2013
Dean and Faculty Council Review Stage	Approved	David Barnett	No	approved	12/02/2013

Supporting Documents

File Name	Uploaded By	Upload Date	Size

Supporting Documents Audit Trail

File Name	User	Date	Action

Notes

Date	User	Note

Printed: 12/03/2013

1.	New Course	Engineering 1XXX - Introduction to Engineering Design

Course Details

Engineering 1XXX - Introduction to Engineering Design
Start Term: Fall 2014
End Term: No Specified End Date

Course Details

Code
Engineering 1XXX

Title
Introduction to Engineering Design

Description
Design techniques, creative thinking, teamwork, project planning, health and safety, reverse engineering, economic analysis, engineering drawings, ethics and professionalism, learning and problem solving.

End Term
No Specified End Date

Institution
Lakehead University

Faculty
Faculty of Engineering

CreditWeight
0.5

Rationale
The new course will reflect more current content and to better align with our accreditation requirements. This course will replace ENGI 1110 Engineering Drawing.

Requiredor Elective
Required

Cross List

Offering
3-0/0-0

Prerequisites

Corequisites

Notes

SpecialTopicDropdown
GradeSchemePF
EffectonEnrolmentINIT No
EffectonEnrolmentOTHER No
AdditionalTeachingSpace No
EffectonTeachingLoads No
EffectonServices No
DirectinkindSupport No

2.	New Course	Engineering 3XXX - Computational Methods and Modeling for Mechanical Engineering

Course Details

Engineering 3XXX - Computational Methods and Modeling for Mechanical Engineering
Start Term: Fall 2014
End Term: No Specified End Date

Course Details

Code
Engineering 3XXX

Title
Computational Methods and Modeling for Mechanical Engineering

Description
Field problems in mechanical engineering. Spatial discretization; Galerkin and Ritz methods, basis functions; applied numerical methods.

End Term
No Specified End Date

Institution
Lakehead University

Faculty
Faculty of Engineering

CreditWeight
.5

Rationale
To comply with accreditation requirements with respect to content.

Requiredor Elective
Required

Cross List

Offering
0-0, 3-1

Prerequisites

Corequisites

Notes

SpecialTopicDropdown
GradeSchemePF
EffectonEnrolmentINIT No
EffectonEnrolmentOTHER No
AdditionalTeachingSpace No
EffectonTeachingLoads No
EffectonServices No
DirectinkindSupport No