



Lakehead University Faculty of Engineering

REQUEST REPORT

Request Tracking Number: 2013-ENG-466
Request Title: ENG Grad Courses

Request Effective Date: Fall 2013
Request Status: In Workflow
Request can't be split

Request Contents

Type	Title
1. Discontinued Course	Design of RF ICs
2. New Version of a Course	Geoenvironmental Engineering
3. Discontinued Course	Wireless Communication Systems

Request History

Workflow Step	Workflow Action	User	Change Made	Comments	Date
Initiator	Approved	Laura Parker	Yes	Submitted to workflow	01/09/2013
Dean and Faculty Council Review Stage	Approved	David Barnett	No	Approved	01/09/2013
Optional Dean-Engineering	Approved	David Barnett	No	Approved	01/09/2013
Faculty of Graduate Studies Council	Approved	Laurie Hill	Yes	Approved by Faculty of Graduate Studies Council at meeting of March 7, 2013. End date of Winter 2013 added for Engineering 5433 and 5434	03/13/2013

Supporting Documents

File Name	Uploaded By	Upload Date	Size
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Supporting Documents Audit Trail

Printed: 03/15/2013

File Name	User	Date	Action
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Notes

Date	User	Note
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1.	Discontinued Course	Engineering 5433 - Design of RF ICs
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Course Details

Engineering 5433 - Design of RF ICs Start Term: Fall 2012 End Term: Winter 2013

<u>Course Details</u>
Code Engineering 5433
Title Design of RF ICs
Description Transistor models, small-signal analysis, amplifier design, biasing, noise analysis. Examples of Radio Frequency Integrated Circuits (RF ICs): amplifiers, filters, oscillators, PLL and frequency synthesizers. Evaluation of circuit performance.
Credits 0
End Term Winter 2013
Institution Lakehead University
Faculty Faculty of Engineering
CreditWeight 0.5
Rationale This course is no longer listed in any program description
Requiredor Elective
Cross List
Offering 3-1.5; or 3-1.5
Prerequisites
Corequisites

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

2.	New Version of a Course	Engineering 5151 - Geoenvironmental Engineering
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Course Details

CURRENT VERSION	PROPOSED VERSION
Engineering 5151 - Geoenvironmental Engineering Start Term: Fall 2012 End Term: No Specified End Date	Engineering 5151 - Geoenvironmental Engineering Start Term: Fall 2012 2013 End Term: No Specified End Date

<u>Course Details</u>	
CURRENT VERSION	PROPOSED VERSION
Code Engineering 5151	Code Engineering 5151
Title Geoenvironmental Engineering	Title Geoenvironmental Engineering
Description Sources of waste and soil and groundwater contamination, environmental regulations; soil classification and soil weight-volume relationships; permeability and seepage; Geoenvironmental site characterization technologies and methodologies; contaminant fate and transport; groundwater monitoring technologies and strategies; introduction to remediation of contaminated sites.	Description Sources of waste and soil and groundwater contamination, environmental regulations; soil classification and soil weight-volume relationships; permeability and seepage; Geoenvironmental site characterization technologies and methodologies; contaminant fate and transport; groundwater monitoring technologies and strategies; introduction to remediation of contaminated sites.
Credits 0	Credits 0
End Term No Specified End Date	End Term No Specified End Date
Institution Lakehead University	Institution Lakehead University
Faculty Faculty of Engineering	Faculty Faculty of Engineering
CreditWeight 0.5	CreditWeight 0.5
Rationale	Rationale
Requiredor Elective	Requiredor Elective
Cross List	Cross List
Offering 3-0; or 3-0	Offering 3-0; or 3-0
Prerequisites Engineering 4050, or permission of the instructor	Prerequisites Engineering 4050, or permission of the instructor
Corequisites	Corequisites

Notes	Notes
SpecialTopicDropdown	SpecialTopicDropdown
GradeSchemePF	GradeSchemePF
EffectonEnrolmentINIT	EffectonEnrolmentINIT <i>No</i>
EffectonEnrolmentOTHER	EffectonEnrolmentOTHER <i>No</i>
AdditionalTeachingSpace	AdditionalTeachingSpace <i>No</i>
EffectonTeachingLoads	EffectonTeachingLoads <i>No</i>
EffectonServices	EffectonServices <i>No</i>
DirectinkindSupport	DirectinkindSupport <i>No</i>

3.	Discontinued Course	Engineering 5434 - Wireless Communication Systems
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Course Details

<p>Engineering 5434 - Wireless Communication Systems Start Term: Fall 2012 End Term: Winter 2013</p>
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<u>Course Details</u>
Code Engineering 5434
Title Wireless Communication Systems
Description Cellular system design fundamentals, propagation in mobile radio channels: large and small scale effects, modulation techniques for mobile radio, diversity and diversity combining techniques, multiple access techniques.
Credits 0
End Term Winter 2013
Institution Lakehead University
Faculty Faculty of Engineering
CreditWeight 0.5
Rationale This course is no longer listed in any program description.
Requiredor Elective
Cross List
Offering 3-1.5; or 3-1.5
Prerequisites
Corequisites

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