

Revision for MATH 370

Proposal Reference : 6008
 Number
 PRN Alias : 12-13#1381
 Version No : 3
 Submitted By : Ms Raffaella Bruno
 Edited By : Dr Axel W
 Hundemer

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Summary of Changes **Prerequisites**

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	MATH 370 <ul style="list-style-type: none"> one term 					
Credit Weight or CEU's	3 credits.					
Course Activities	<ul style="list-style-type: none"> A - Lecture 					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Honours Algebra 3</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Honours Algebra 3.</td> </tr> </table>	Course Title on Transcript	Honours Algebra 3	Course Title on Calendar	Honours Algebra 3.	
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Course Title on Calendar	Honours Algebra 3.					
Rationale		The Department has approved that students in the Honours in Applied Mathematics program can now choose between MATH 251 Honours Algebra 2 and MATH 247 Honours Applied Linear Algebra. Students in either of the two courses should be able to continue in MATH 370 Honours Algebra 3, a complementary course in this program. This requires a change of prerequisites for MATH 370 from currently "MATH 251" to "MATH 235 and either MATH 247 or MATH 251". (MATH 235 Algebra 1 has to be added as well since - while it is a prerequisite for MATH 251 - it is not for MATH 247).				
Responsible Instructor						
Course Description	Introduction to monoids, groups, permutation groups; the isomorphism theorems for groups; the theorems of Cayley, Lagrange and Sylow; structure of groups of low order. Introduction to ring theory; integral domains, fields, quotient field of an integral domain; polynomial rings; unique factorization domains.					
Teaching Dept.	0290 : Mathematics and Statistics					

Administering Faculty/Unit	SC : Faculty of Science	
Prerequisites	Prerequisite: MATH 251	Prerequisite: MATH 235 and either MATH 247 or MATH 251 Web Registration Blocked? : N
Corequisites		
Restrictions		
Supplementary Calendar Info	1. Fall	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201309
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Studies Use		

Approvals Summary

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Version No.	Departmental Curriculum Committee	Departmental Meeting	Departmental Chair	Other Faculty	Curric/Academic Committee	Faculty	SCTP	Version Status
3		Approved Axel W Hundemer Meeting Date: Feb 18 2013 Approval Date: Feb 19 2013 View Comments						Approved by Department Meeting Edited by: Axel W Hundemer on: Feb 19 2013
2								Submitted to

							Departmental Curriculum Committee for approval Edited by: Raffaella Bruno on: Feb 19 2013
1							Submitted to Departmental Curriculum Committee for approval Created on: Feb 19 2013