

Revision for MATH 577

Proposal Reference Number : 2765
 PRN Alias : 10-11#804
 Version No : 2
 Submitted By : Ms Helen Aaron
 Edited By : Ms Josie D'Amico

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Summary of Changes **Course Description**

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	MATH 577 <ul style="list-style-type: none">one term					
Credit Weight or CEU's	4 credits.					
Course Activities	<ul style="list-style-type: none">A - Lecture					
Course Title	<table><tr><td>Course Title on Transcript</td><td>Geometry & Topology 2</td></tr><tr><td>Course Title on Calendar</td><td>Geometry and Topology 2.</td></tr></table>	Course Title on Transcript	Geometry & Topology 2	Course Title on Calendar	Geometry and Topology 2.	
Course Title on Transcript	Geometry & Topology 2					
Course Title on Calendar	Geometry and Topology 2.					
Rationale		The updated calendar description now better reflects the way the course has been taught for the last couple of years.				
Responsible Instructor						
Course Description	Continuation of the topics of MATH 576. Manifolds and differential forms. De Rham's theorem. Riemannian geometry. Connections and curvatures 2-Manifolds and imbedded surfaces.	Basic properties of differentiable manifolds, tangent and cotangent bundles, differential forms, de Rham cohomology, integration of forms, Riemannian metrics, geodesics, Riemann curvature.				
Teaching Dept.	0290 : Mathematics and Statistics					
Administering Faculty/Unit	SC : Faculty of Science					
Prerequisites	Prerequisite: MATH 576					
Corequisites						
Restrictions						
Supplementary Calendar Info	1. Winter					
Additional Course						

Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201109
File Attachments		No attachments have been saved yet.
To be completed by the Faculty		
For Continuing Education 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
2								Submitted to Departmental Meeting for approval Edited by: Josie D'Amico on: Mar 10 2011
1								Submitted to Departmental Meeting for approval Created on: Mar 3 2011