

Revision for COMP 350

Proposal Reference : 10540
 Number
 PRN Alias : 15-16#361
 Version No : 1
 Submitted By : Mr Michael
 Langer

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Summary of Changes **Restrictions**

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	COMP 350 <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>Numerical Computing</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Numerical Computing.</td> </tr> </table>	Course Title on Transcript	Numerical Computing	Course Title on Calendar	Numerical Computing.	
Course Title on Transcript	Numerical Computing					
Course Title on Calendar	Numerical Computing.					
Rationale		The courses MATH 317 and COMP 350 have very similar content. The Dept. of Mathematics and Statistics is adding a similar restriction to MATH 317.				
Responsible Instructor						
Course Description	Computer representation of numbers, IEEE Standard for Floating Point Representation, computer arithmetic and rounding errors. Numerical stability. Matrix computations and software systems. Polynomial interpolation. Least-squares approximation. Iterative methods for solving a nonlinear equation. Discretization methods for integration and differential equations.					
Teaching Dept.	0155 : Computer Science					
Administering Faculty/Unit	SC : Faculty of Science					
Prerequisites	Prerequisites: MATH 222 and MATH 223 and one of: COMP 202, COMP 208, COMP 250; or					

	equivalents.	
Corequisites		
Restrictions		Students cannot receive credit for both COMP 350 and MATH 317.
Supplementary Calendar Info	1. 3 hours	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		
Effective Term of Implementation		201609
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
1								Submitted to Faculty Meeting for approval Created on: Oct 13 2015

APPENDIX 1

CONSULTATION REPORT FORM
RE PROGRAM PROPOSALS

DATE: October 8, 2015

TO: Chair, Curriculum Committee of School of Computer Science

FROM: Vojkan Jaksic, Undergraduate Program Director- Department of Mathematics and Statistics

Proposal: To submit a course revision for MATH 317 Numerical Analysis and COMP 350 Numerical Computing. To add a restriction that students can receive credit for only one of the following courses MATH 317 or COMP 350.

(*)

Note: The School of Computer Science will have to submit the course revision for COMP 350.

The proposal has been submitted to the Curriculum Committee of our Department, and it has been decided that your department should be consulted.

Rationale: Students can take only one of the courses either MATH 317 or COMP 350 for credit since the material they cover is essentially identical.

Would you kindly review this proposal and let me, Vokjan Jaskic know as soon as possible, on this form, whether or not your department has any objections to, or comments regarding, this proposal; specifically. This form is a pre-requisite to the next Academic Committee Meeting scheduled October 27, 2015 which we wish to submit by the end of this week to the Faculty.

X NO OBJECTIONS _____ SOME OBJECTIONS

COMMENTS:

(*) We will submit a Course Revision for COMP 350.

Signature: Muhel Jaksic

Date: 13 Oct 2015