

## New Course

**Proposal Reference Number** : 1284  
**PRN Alias** : 09-10#237  
**Version No** : 4  
**Submitted By** : Dr Prakash Panangaden  
**Edited By** : Ms Josie D'Amico

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New Data							
<b>Program Affected?</b>	Y						
<b>Program Change Form Submitted?</b>	N (Simple Change) - This course will be added to the list of complementary courses for the B.A./ B.A. & Sc. Programs: Major Concentration in Computer Science, Major Concentration in Software Engineering, and for the B.Sc. Programs: MAJOR IN COMPUTER SCIENCE, LIBERAL PROGRAM: CORE SCIENCE COMPONENT IN COMPUTER SCIENCE, LIBERAL PROGRAM: CORE SCIENCE COMPONENT IN SOFTWARE ENGINEERING, HONOURS IN COMPUTER SCIENCE, JOINT MAJOR IN COMPUTER SCIENCE AND BIOLOGY, JOINT MAJOR IN MATHEMATICS AND COMPUTER SCIENCE, JOINT HONOURS IN MATHEMATICS AND COMPUTER SCIENCE, JOINT MAJOR IN STATISTICS AND COMPUTER SCIENCE, JOINT HONOURS IN STATISTICS AND COMPUTER SCIENCE, JOINT MAJOR IN PHYSICS AND COMPUTER SCIENCE. A Program Revision Form Submitted for the MAJOR PROGRAM IN COMPUTER SCIENCE: COMPUTER GAMES OPTION (COMP 559 will be added to a specific list of Complementary Courses)						
<b>Subject/Course/Term</b>	COMP 559  <ul style="list-style-type: none"> <li>one term</li> </ul>						
<b>Credit Weight or CEU's</b>	4 credits						
<b>Course Activities</b>	<table border="1"> <thead> <tr> <th>Schedule Type</th> <th>Hours per week</th> </tr> </thead> <tbody> <tr> <td>A - Lecture</td> <td>3</td> </tr> <tr> <td>P - Project</td> <td>1</td> </tr> </tbody> </table> <p style="text-align: right;">           Total Hours per Week : 4            Total Number of Weeks : 13         </p>	Schedule Type	Hours per week	A - Lecture	3	P - Project	1
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A - Lecture	3						
P - Project	1						
<b>Course Title</b>	<table border="1"> <tbody> <tr> <td><b>Official Course Title :</b></td> <td>Fund. Computer Animation</td> </tr> <tr> <td><b>Course Title in Calendar :</b></td> <td>Fundamentals of Computer Animation</td> </tr> </tbody> </table>	<b>Official Course Title :</b>	Fund. Computer Animation	<b>Course Title in Calendar :</b>	Fundamentals of Computer Animation		
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<b>Course Title in Calendar :</b>	Fundamentals of Computer Animation						
<b>Rationale</b>	Computer animation is of importance in research and in industry. This course will benefit undergraduate and graduate students interested in this topic. This course was taught as a topics course by a recently hired professor and is now being proposed as a regular course.						

Responsible Instructor	Paul Kry
Course Description	Physically-based animation, constraints, stiff systems, motion capture, rigid body motion, collision detection, deformable solids.
Teaching Dept.	0155 : Computer Science
Administering Faculty/Unit	SC : Faculty of Science
Prerequisites	COMP 557 COMP 350 Web Registration Blocked? : Y Minimum Grade or Test Scores : C Prereq course or test taken at the same time? : N
Corequisites	
Restrictions	
Supplementary Calendar Info	
Additional Course Charges	
Campus	Downtown
Projected Enrollment	20
Requires Resources Not Currently Available	N
Explanation for Required Resources	
Required Text/Resources Sent To Library?	
Library Consulted About Availability of Resources?	
Consultation Reports Attached?	
Effective Term of Implementation	201101
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
4								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 4 2009
3								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 4 2009
2								Submitted to Curriculum/Academic Committee for approval Edited by: Josie D'Amico on: Nov 4 2009
1								Submitted to Curriculum/Academic Committee for approval Created on: Oct 26 2009