

Revision for PHYS 101

Proposal Reference : 10191
 Number
 PRN Alias : 15-16#12
 Version No : 1
 Submitted By : Prof William Coish

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Summary of Changes **Course Description**

	Current Data	New Data				
Program Affected?		N				
Program Change Form Submitted?						
Subject/Course/Term	PHYS 101 <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 L - Laboratory OT - Optional Tutorial 					
Course Title	<table border="1"> <tr> <td>Course Title on Transcript</td> <td>Intro Physics - Mechanics</td> </tr> <tr> <td>Course Title on Calendar</td> <td>Introductory Physics - Mechanics.</td> </tr> </table>	Course Title on Transcript	Intro Physics - Mechanics	Course Title on Calendar	Introductory Physics - Mechanics.	
Course Title on Transcript	Intro Physics - Mechanics					
Course Title on Calendar	Introductory Physics - Mechanics.					
Rationale		Both wave optics and geometrical optics were previously taught in PHYS 101 (first semester of the 101/102 stream), while these were taught in the second semester (142) of the PHYS 131/142 stream. This had the effect that students who began in 131 but switched to 102 would not see optics. The proposed change is to include wave optics in the first semester of both streams and geometrical optics in the second semester of both streams: PHYS 101: wave optics PHYS 102: geometrical optics PHYS 131: wave optics PHYS 142: geometrical optics The course descriptions should be changed to reflect this.				
Responsible Instructor						
Course Description	An introductory course in physics without calculus, covering mechanics (kinematics, dynamics, energy, and rotational motion),	An introductory course in physics without calculus, covering mechanics (kinematics, dynamics, energy, and rotational motion),				

	oscillations and waves, sound, light, and geometrical optics.	oscillations and waves, sound, light, and wave optics.
Teaching Dept.	0293 : Physics	
Administering Faculty/Unit	SC : Faculty of Science	
Prerequisites		
Corequisites		
Restrictions	<ul style="list-style-type: none"> • Restriction: Not open to students taking or having taken PHYS 131, CEGEP objective 00UR or equivalent 	
Supplementary Calendar Info	<ol style="list-style-type: none"> 1. Fall 2. 3 hours lectures; 2 hours laboratory; tutorial sessions 3. Laboratory sections have limited enrolment 	
Additional Course Charges		
Campus		
Projected Enrollment		
Requires Resources Not Currently Available		
Explanation for Required Resources		
Consultation Reports Attached?		Y <ul style="list-style-type: none"> • consult_optics.txt <input type="button" value="View"/>
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		Approved Peter H Grutter Meeting Date: Jul 20 2015 Approval Date: Jul 27 2015 View Comments				Approved by Departmental Chair Created on: Jul 25 2015
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