

## 2017 Fall Semester 物理(一) Physics (I) course syllabus

Course Name : (Chinese)物理(一)		Dept. of course offering	Physical section			
(English)Physics (I)		Permanent course No.	DEP1111			
Instructor : 楊本立						
Credits	4	Required/Elective:Required	Required	Grade	*	
Prerequisite :						
Course descriptions and objectives :						
<p style="color: blue;">This course offers students the general concepts and principles in physics. Students will acquire the problem-solving ability in physics and learn the beauty of physics. The topics will cover classical mechanics, oscillation and mechanical waves, and thermodynamics.</p>						
Textbooks: (Please indicate the book's name, author, publisher and the publication date)	<p style="color: blue;">Physics for Scientists and Engineers with Modern Physics (9th Edition) by R. A. Serway and J. W. Jewett, Jr.</p>					
Course Contents		Hours				Notes
Topics	Outlines	lectures	Demonstration	Practice	Others	
Description of Course Details :						
<p>1.Homework and Assignments, Exams and Quizzes, Evaluation and Grading Policy</p> <p style="color: blue;">Homework: 25%</p> <p style="color: blue;">Two Midterms: 25%x2=50%</p> <p style="color: blue;">Final: 25%</p> <p style="color: blue;">*Homework scores are evaluated by homework quizzes.</p> <p style="color: blue;">Details will be discussed in the first lecture.</p>						
<p>2.Pedagogy and other supplementary information (websites, TAs, handouts and/or databases)</p> <p style="color: blue;">*Blackboard plus slides.</p> <p style="color: blue;">*Course information (e.g., lecture notes, homework assignment, exam announcement, answers, etc.) is available from e3.nctu.edu.tw.</p>						
Office hours	Time slot		Location		Contact information	
	Monday 2-4pm, or whenever if available.		Science Building III, SC503.		blyoung@mail.nctu.edu.tw; extension 56169	
Syllabus						
Week	Date	Course Progress, Contents, Topics				
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