

Fundamental Physics Tutorial II b (1.0 credits)

Code	: 10517			
Course Type	: Basic Specialized Courses			
Class Format	: Exercise			
Course Name	: Chemistry	Fundamental and Applied Physics	Automotive Engineering	Automotive Engineering
Starts 1	: 1 Spring Semester	1 Spring Semester	1 Spring Semester	1 Spring Semester
Elective/Compulsory	: Elective	Compulsory	Elective	Elective
Lecturer	: Bernard GELLOZ Designated Professor			

•Course Purpose

The aims of this course are to deepen students' understanding of basic Physics of waves and optics, and to cultivate their ability to apply Physics knowledge.

•Prerequisite Subjects

Fundamentals of Physics

•Course Topics

1. Oscillations
2. Introduction to Maxwell's Equations
3. Waves
4. Electromagnetic Waves
5. Images
6. Interference & Diffraction

•Textbook

Fundamentals of Physics David Halliday, Robert Resnick, Jearl Walker John Wiley & Sons Inc

•Additional Reading

•Grade Assessment

Class attendance is required. Absentee must give a valid reason.

Class Attendance: 10%; Assignments, quizzes and other written assessment: 90%.

•Notes

•Contacting Faculty

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