

SYLLABUS

Classification	GIST College	Course No.	EO4214-01	Prs. E. Credit	3/0/3	Instructor	Ham Byoung Seung
Course Title	Korea	광공학개론					
	English	Introduction to photonics					
Course Outline	This course introduces the basic concepts of optics with broad properties of light, coherence, interference, diffraction, oscillations, and lasers.						
Prerequisite							
Text book & References	Textbook: Introduction to modern optics by Grant R. Fowles						
Et cetera							

Weekly Course Schedule

Week	Description	*Remarks
1st	Propagation of light	ch. 1
2nd	Vect oral nature of light	ch. 2
3rd	cont inued	
4th	Coher ence and Interference	ch. 3
5th	cont inued	
6th	cont inued	
7th	Mul ti ple beam interference	ch. 4
8th	M dt erm exam	
9th	Di ffract ion	ch. 5
10th	cont inued	
11th	cont inued	
12th	Opt ics in solids	ch. 6
13th	cont inued	
14th	Ampl ifi cat ion of light : Lasers	ch. 9
15th	cont inued	
16th	Fi nal exam	

*If there will be experiments, mark it in the "Remarks" section.

Instructor Prof. Byound S. Ham
 Dept. Chair

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