

## (SYLLABUS)

1. (\*)

Item with (\*) are only for the ABEEK Program.

(Year)	2016		(Semester)	1			
(Instructor)			(Course Title)	1			
(Course No.)	2150910301	(Class)	01	(Course Classification)	-		
	100						
(Open to)	3	( * ) (Credit)	3 (0 )	(Class hour per week)	3		
(*) (ABEEK Classification)		(*) (ABEEK Requirement)		(Department)			
(Office)		(Telephone)		(e-mail)			
(*) (Teaching Assistant)		(*) (Office Hour)					
(Course Description)	가 , .						
(Ssq)	(Course Objectives)						
1	가						
2							
(Lecture Type)	( 90 %)	( 00 %)	( 00 %)	( 10 %)			
가 (Course Grading)	(45%),	(45%),	(10%)				
(Required Texts)	* /Quantum dynamics/Gasiorowicz/3rd edition/						
(*) (Bulletin Board)							
(*) (Prerequisite Courses)							

2.

(Week)	(Keyword)	(Description)	(Texts)	(Note)
1	, Plack 가 ,	[1 ] : , ( )		
2	Bohr Model	[2 ] Bohr 가		
3		[3 ] de Broglie		
4		[4 ] Heisenberg		

## (SYLLABUS)

(Week)	(Keyword)	(Description)	(Texts)	(Note)
5	Schr&ouml;dinger	[5] 1 Schroedinger		
6	(Expectation Value)	[6] , , oerator		
7	(Simple Harmonic Oscillator)	[7] ,		
8		[8]		
9	Potential Step	[9] Probability current		
10	Quantum Tunneling	[10] Quantum Tunneling		
11	operator	[11] Potential operator		
12	3 Schroedinger	[12] Radial Schroedinger Equatio		
13		[13]		
14		[14]		
15	(total angular momentum operator)	[15] (Total) angular momentum operator		
16		[16]		

## (SYLLABUS)

3.

가 (\*)

				가	
		가			

## (SYLLABUS)

4. (\*)