

Course Title	()	()	Electromagnetics
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() Lecturer	()	/ / (Course No. /)	006152/ /3
(/HP) Contact No.		/ (Class Hour/Venue)	
(Course Prerequisite)	,	(Target Student)	3
E-mail (E-mail Address)		/Office Hour (Office/Office Hour)	

(Objectives)	Based on the concept of engineering mathematics, learn static electric field and static magnetic field, steady current, and related problems. Apply the basic knowledge of the electromagnetism to electronics, electric engineering and device material engineering.
CQI (Continuous Quality Improvement Plan)	, 가 .
(Text book & References)	Textbook : "Electromagnetic Field Theory Fundamentals", Bhag Guru and Huseyin Hiziroglu, 2nd Edition
(Assignment book)	References: "Foundations of Electromagnetic Theory", John R. Reitz, "Classical Electrodynamics" Jackson, John Wiley & Sons
(Lecture Methods)	Lecture using projector presentation.
(Assignment)	5-7 homeworks
(Reading Materials)	N/A
가 (Course Grading)	[가] (%) : 30, (%) : 40, 가 (%) : 20, (%) : 10, midterm exam 30%, final exam 40%, homework and quiz 20%, attendance 10%,
(Etc.)	

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(Week)	(Course Contents)	(Etc.)	
1	Introduction on electromagnetism, review on required mathematics	Projector presentation	
2	vector, vector field,	Projector presentation	
3	differentiation and integration of vectors	Projector presentation	
4	Electrostatics 1 charge	Projector presentation	
5	Electrostatics 2 electric field	Projector presentation	
6	Electrostatics 3 electric field	Projector presentation	
7	capacitance	Projector presentation	
8	midterm exam	Examination	

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(Week)	(Course Contents)	(Etc.)	
9	steady current 1	Projector presentation	
10	steady current 2	Projector presentation	
11	steady current 3	Projector presentation	
12	steady current 4	Projector presentation	
13	Magnetostatics 1	Projector presentation	
14	Magnetostatics 2	Projector presentation	
15	Magnetostatics 3	Projector presentation	
16	final exam	Examination	

<p style="text-align: center;">가 1 (Additional Guide1)</p>	<p style="text-align: center;">()</p> <p>Students who require special assistance (including special needs students) may contact their professors during the first week of the semester to discuss issues related to attendance, lectures, assignments and exams and request learning assistance.</p>
<p style="text-align: center;">가 2 (Additional Guide2)</p>	