

2019학년도 2학기 특별 공개수업			
과목명	Physics and Lab II	날짜	10월 7일 5~6교시 10월 10일 3교시
		담당교원	김 현 벽
학습주제	Electricity		
학습목표	Electric Field Electric Potential Electric Circuit Magnetic field Electromagnetic Induction		
학습 내용			
<ul style="list-style-type: none">• Electric field : electric field line• Electric potential : electric potential difference, volt, equipotential, capacitor• Electric circuit : electric current, battery, ampere, resistor, ammeter, voltmeter, series connection, parallel connection, kilowatt-hour.• Magnetic field : magnetic flux, Lorentz Force, solenoid, electromagnet, galvanometer, electric motor.• Electromagnetic induction : Lenz's law, electromotive force, electric generator, eddy current, self-inductance, transformer, mutual inductance.			
본 교과와의 차별점			
Discussion about several demos. Lectures are given in English.			