

1. 과목명, 강의 시간, 강의실, 강의 날짜, 강의계획서

- 과목명 : OLED 공학
- 강의 시간 : 월5교시(13:10~ 14:00) / 화6~ 7교시(14:10~ 15:40)
- 강의실 : 월- 신공대 314호 / 화- 신공대 315호

OLED 공학 Schedule (tentative)

Week	date	Title	Contents	
1	2/22	Introduction		
2	3/2	Overview & Trend	Overview of Display & OLED	
3	3/8,9	Theories	Basic Chem., Phy., & Materials	촬영 시작
4	3/15, 16	OLED Mechanism	Emission mechanism	
5	3/22, 23	OLED Mechanism	Emission mechanism	
6	3/29, 30	OLED Mechanism	Emission mechanism	Quiz
7	4/5, 6	OLED Structure	Multilayer	Quiz
8	4/12, 13	OLED Materials	Small molecules	Quiz
9	4/19	Mid-term Exam		
10	4/26, 27	OLED Materials	Small & Polymeric materials	
11	5/3, 4	Litho process	Cleansing, Photo litho,	
12	5/10, 11	PMOLED Device Process	PMOLED Process	Quiz
13	5/17, 18	AMOLED Process	TFT & LTPS	Quiz
14	5/24, 25	AMOLED Process	Printing, LITI, Modules, White OLED, OTFT, Flexible	
15	5/31, 6/1	OLED Driving	PM, AM	
16	6/7, 8	Presentation	PPT	Report t
17	6/14	Final Exam		

Evaluation : Mid-term 30% + Final 30% + Report/Presentation/Quiz 20% + Attendance 20%

Text : OLED 공학(공정), 최운섭외, DTEC, 호서대학교, 2005/2006

참고서 : 유기전자공학, 장지근, 청문각, 2006, Organic Electroluminescence Materials & Displays, Junji Kido, CMC, 2002, Organic Lighting-Emitting Devices, J. Shinar, Springer, 2004, Organic Lighting-Emitting Devices, Mullen & Scherf, Wiley-VCH, 2006

2. 첫 강의부터 촬영이 필요한지?

- 첫 강의에는 촬영이 필요 없으며, 3월 8일부터 촬영시작

3. 토론이나 발표 수업은 얼마나 분량을 차지하는지?

- 마지막 수업(6/7~8)은 발표 수업이며, 나머지는 교수님 단독 강의로 진행