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E-Mail	BHLEE1@POSTECH.AC.KR			Homepage	HTTP://EESL.POSTECH.AC.KR		
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Office Hours	Tue 11am-12am, Thu 2pm-4pm						
Basic understanding of solid-state semiconductor devices.							
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None							
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Attendance: 10%# Homework/Quiz: 20%# Midterm 1: 20%# Midterm 2: 20%# Final: 30%							
							ISBN
Solid State Electronic Devices_7th edition			Streetman and Banerjee		Pearson	2015	9781292060552
- "Fundamentals of Semiconductor Devices," by Anderson, McGraw-Hill Education 2017# - "Semiconductor Device Fundamentals," by Pierret, Anderson Wesley 1996							
Week 1-2	Semiconductor Materials and Energy Bands#						

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Week 3-4: Carrier Drift & Diffusion #							
Week 5:# PN Junctions#							
Week 6: Midterm Exam. 1#							
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Week 7 9: Bipolar Junction Transistors#							
Week 10: Midterm Exam. 2#							
#							
Week 11: Field Effect Transistors(JFET&MESFET)#							
Week 12: MOS Capacitor#							
Week 13-15: MOSFET#							
Week 16: Final Exam.							
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- Q&A							