

The Courses of Graduate college Program in Department of Electronic Engineering				
Grade	The First Year		The Second Year	
Common required courses/Semester	The first semester	The Second Semester	The first semester	The Second Semester
Special Seminars(I)	1			
Special Seminars(II)		1		
Engineering Seminars(I)	1			
Engineering Seminars(II)		1		
Thesis		6	6	6
Professional Courses				
VLSI Design	3			
Introduction to System-on- Chip Design	3			
Analog Circuit Design and Laboratory	2			
Power Converter Design for Renewable Energy	3			
Power Energy Storage and Power Conversion Techniques	3			
Energy Conservation and Illumination Design	3			
Power Converter Hand-on Experience and Simulation Practice	2			
ASIC Chip Design	3			
Design and Performance Analysis of Emergent Wireless Broadband Technologies	3			
Random Process	3			
Embedded Linux Driver Design	3			
VLSI Design Laboratory		2		
Embedded System Design		3		
Analog IC Design		3		
System on Chip design Laboratory		2		
Hardware/Software Co-design		3		
Advance analog IC layout and design		3		
RFID principle and applications		3		
Distributed Energy Combination System		3		
High Brightness LED Driving System		3		
Power Conversion Circuits Design		3		
Wind-PV Generation System		3		
Silicon Intellectual Property Design		3		
Digital Communication IC Design		3		
High Tech Patent Application and Protection			2	
SOPC Design Project			3	
RF Integrated Circuit Design			3	
High Power Driving Integrated Circuits Design			3	
Special Seminars(III)			1	
Special Seminars(IV)				1
Industrial Practice			2	
Special Topics on Silicon				3
Intellectual Property				