

MUST Curriculum Planning for Undergraduate Students of Academic Year 2021-2024.
Department of Electronic Engineering

MUST Curriculum Planning for Undergraduate Students of Academic Year 2021-2024. Department of Electronic Engineering																			
1 st year(110)					2 nd year(111)					3 rd year(112)									
	Course	1 st semester		2 nd semester			Course	1 st semester		2 nd semester			Course	1 st semester		2 nd semester			
		Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.			Cr.	hr.	Cr.	hr.		
MUST Core Required Courses	☆Chinese Pronunciation and Practice	1	2			MUST Core Required Courses						MUST Core Required Courses	☆Taiwan living and regulatio	2	2				
	☆Chinese listening	1	2												☆Taiwanese Society	2	2		
	☆Chinese Conversation and Practice	1	2													☆Taiwanese Culture		2	2
	☆Chinese Reading and Practice	1	2													☆Art of Taiwan		2	2
	☆Chinese Writing and Practice				1		2												
	☆Chinese literature and culture (1)(2)	3	3	3	3														
	Subtotal	7	11	4	5			Subtotal								Subtotal	4	4	4
School Professional Required Courses						School Professional Required Courses							School Professional Required Courses						
Subtotal						Subtotal							Subtotal						
General Education	◎Physical Education	2	2	2	2	General Education						General Education	◎English (3)(4)	2	2	2	2		
	◎English (1)(2)	2	2	2	2								Subtotal	2	2	2	2		
Subtotal	4	4	4	4		Subtotal						Subtotal	2	2	2	2			
Department compulsory courses	*Applied Mathematics	3	3			Department compulsory courses	*Industrial Practice (I)	9	9			Department compulsory courses	*Programmable components Application	3	3				
	*Basic Electronics Experiment	2	3					*Industrial Practice (II)			9		9		*Computer-Aided Circuit Layout Lab	3	3		
	*Basic Electricity	2	2																
	*Computer Program			3	3														
	*Basic Circuit Theory			3	3														
	*Electronics			3	3														
	*Digital Logic			3	3														
	*Digital Logic Lab			3	3														
	*Engineering Mathematics			3	3														
Subtotal	7	8	18	18		Subtotal	9	9	9	9		Subtotal	6	6	0	0			
Department Elective Courses						Department Elective Courses						Department Elective Courses	Design of Digital System	3	3				
															Object-oriented programming	3	3		
															Design of the graphic control software Programming	3	3		
															Python Programming	3	3		
															Mobile Commerce, Practices & Application	3	3		
															Microprocessor Principles	3	3		
															Singlechip Microcontroller Lab	3	3		
															Applications of Internet of Things			3	3
															Robot Assembly Control Practice			3	3
															Mobile and Arduino control			3	3
															Automatic Measurement			3	3
															Application and Principle of Sensors			3	3
															Microcomputer Interface Technology			3	3
															Introduction to Wireless Communications Systems			3	3
															FPGA Design and Application			3	3

4 th year(113)					
	Course	1 st semester		2 nd semester	
		Cr.	hr.	Cr.	hr.
MUST Core Required Courses					
Subtotal					
School Professional Required Courses					
Subtotal					
General education					
Subtotal					
Department compulsory courses					
Subtotal					
Department Elective Courses	Industrial Practice (III)	9	9		
	Industrial Practice (IV)			9	9
	Integrated Circuits Engineering	3	3		
	Development and Application of PCB	3	3		
	The Certification For The Design and Manufacture Capabilities Of The Digital Electronics	3	3		
	Linear Algebra	3	3		
	Applied Robotics			3	3
	Digital Communications Application			3	3
	Antenna Design and Application			3	3
	Probability and Statistics			3	3

Cr./hr.=Credit/hour

Remarks:

1. Minimum credits required for graduation: 128 credits including 80 compulsory credits, and at least 48 elective credits(including the interdepartmental elective credits).
2. Undergraduate students shall take 5-hour chinese tutoring courses (0 credits) in the first semester of the first academic year.
3. Inter-departmental elective credits are transferable. Professional elective course credits shall not be fewer than 36.
4. The elective courses listed in the tables are subject to adaptation when necessary.
5. Off-campus practice courses: Lab of Property Practice(I)(II)(III)(IV), 1 course credit up to maximum 80 hours off-campus internship.