

		Course Title	Freshman			Course Title	Sophomore			Course Title	Junior			Course Title	Senior	
			1st	2nd	3rd		1st	2nd	3rd		1st	2nd	3rd		1st	2nd
College Elective Course										English Speaking and Presentation(1)	2					
										English Speaking and Presentation(2)		2				
General Requirement		Calculus(I)(II)	3	3		Engineering Mathematics (Partial Differential Equations)	3			Electronics Laboratory (II)	1					
		General Physics(I)(II)	3	3		Engineering Mathematics (Linear Algebra)		3		Electromagnetic(I)	3					
		General Physics Laboratory(I)(II)		1		Electric Circuits (II)	3			Microprocessor and Lab	3					
		Introduction to Computer Science	3			Electronics(I)(II)	3	3		Senior Design Project(I)(II)	1	1				
		Logic Design	3			Signals and Systems		3		Electronics(III)	3					
		Computer Programming		3		Electronic Laboratory(I)		1								
		Logic design Lab		1												
		Introduction to Electrical Engineering		2												
		Electric Circuits(I)		3												
College Elective Course		Introduction to Engineering	1			Probability & Statistics	3			Numerical Method	3		Seminar(I)(II)	1	1	
						Data Structure		3		Discrete Mathematics	3		Practice school		4	
						Hardware Description Language		3		Introduction to Deep Learning	3		Electronics Circuits Design*	3		
						Object-Oriented Programming		3		Design and Implementation of Processors		3	Software-Hardware Co-design	3		
						Layout of Printed Circuit Board		3		Introduction to Internet of Things		3	Overseas Study		1	
						Vector Analysis and Complex Variable			3	Electromagnetics(II)		3	Case Study on Consumer Electronics*		3	
						Computer Organization				Hand-on for Deep Learning+		3	Optimization Methods*		3	
						Mobile Device Programming		3		Overseas Study		1	Design of Micro-Sensors and Sensing Circuit Systems*		3	
													HW/SW AI IC Co-Design and LAB*		3	
	Communications						Probability & Statistics	3			Principle of Communications	3		Digital Communication Laboratory+	1	
										Computer Networks	3		Optical Fiber Communications*	3		
										Introduction to Internet Security		3	Wireless Network*	3		
										Introduction to Digital Communication		3	Digital Communications*	3		
										Communication Laboratory+		1	Error-Control Coding*	3		
										Introduction to Digital Signal Processing		3	Digital Signal Processing*	3		
										Intelligent IoT Sensing and its implementation+		3	Digital Signal Processing Lab+	1		
													Random Processes*	3		
													Wireless Transceiver: Principle and Design**+	3		
													Monograph on next generation communication systems*	3		
													Communication System Simulation Practice+	1		
													Wireless Communication*	3		
													Optical Fiber Communications Laboratory**+	1		
													Introduction to Next Generation Mobile Communications Applications*	3		
													Algorithms*	3		
Power and Control											Electric Machinery	3		Linear System Theory*	3	
										Automatic Control	3		Power Electronics Laboratory**+	1		
										Electrical Power Systems	3		Advanced Power Electronics*	3		
										Electric Machinery Experiment+		1	Power System Analysis*	3		
										Experiment of Control Engineering+		1	Electric Power Distribution Engineering*	3		