

# 南京航空航天大学

## Curriculum

Electrical and Electronics Engineering																			
Type	No.	Name	Credit	Hours				Computer	Extra	Test	Hours per semester								
				Total	Class	Exp	Dis				f	s	f	s	f	s	f	s	
											f=fall s=spring								
	0510104W	Engineering Graphics	3.5	56	56			12		S	56								
	0810106W	Linear Algebra	3.0	48	48					S	48								
	0810109W	Algebra & Trigonometry	3.0	48	48					S	48								
	1610101W	Programming in C Language	3.5	60	48	8	4	40		S	60								
	1900101W	Orientation Program	1.5	24	24					C	24								
	1900105W	Basic Chinese Speaking	2.0	32	32					S	32								
	1900108W	Comprehensive Chinese(1)	3.0	48	48					S	48								
	1900109W	An Introduction to China	1.5	24	24					C	24								
	DXTY	Sport	3.5	144	144					S	√	√	√	√	√	√	√		
	0110101W	An Introduction to Aeronautics	2.0	32	32					C	32								
	0810120W	Calculus for Engineering Sciences(1)	3.0	48	48					S	48								
	0810154W	Mathematics Foundation for Information System	3.0	48	48					S	48								
	0820107W	Physics(1)	2.0	32	32					S	32								
	0820108W	Physics Experiments(1)	0.5	16		16				C	16								
	1900104W	Basic Chinese Listening	2.0	32	32					S	32								
	1900114W	Comprehensive Chinese(2)	3.0	48	48					S	48								
Compsory	1900120W	Chinese Culture	1.5	24	24					C	24								
	0810121W	Calculus for Engineering Sciences(2)	2.0	32	32					S			32						
	0820106W	Physics Experiments(2)	0.5	24		24				C			24						
	0820201W	Physics(2)	3.5	56	56					S			56						
	1900115W	Comprehensive Chinese(3)	3.0	48	48					S			48						
	1900116W	Academic English Writing	3.0	48	48					C			48						
	9110101W	Engineering Training	2.0	2w		40				C			2w						
	0810110W	Numerical Analysis	2.0	32	32			8		S				32					
	1610312W	Principles of Micro-computer	3.0	52	44	8		8		S						52			
	0320212W	Electronic Circuit	5.0	80	56		8	16		S			80						
	0320224W	Engineering Electromagnetic Field	3.5	56	56					S				56					
	0320263W	Digital Circuit	3.0	48	36	12				S				48					
	0310301W	Control System Engineering	3.0	51	45	6				S					51				
	0320301W	Electric Machinery	4.0	64	48	16				S					64				
	0410223W	Analogue Electronics	5.0	80	64	16				S					80				
0410318W	Microwave Technique and Antenna	4.0	64	64					S					64					
0420211W	Signals and Systems	3.0	48	48					S					48					

	0320312W	Power Electronics Technology	4.0	64	48	16			S					64		
	0320332W	Electric Power Engineering	3.0	48	32		6	2	S					48		
	0330357W	Modern Testing Technology	3.0	56	44	8		4	S						56	
	0420325W	Digital Signal Processing	3.5	56	56				S						56	
	9210034W		1.5	1.5w					S			1.5w				
	9210035W	Electronic Circuit Experiment	1.0	32		32			S			32				
	0110499W	Graduation Project	17.0	17w					C							17w
o p t i o n a l	1900202W	Essential English Writing	2.5	40	40				S	40						
	0910201W	Engineering Economics	2.5	40	40				S		40					
	1900117W	Reading in Chinese	2.0	32	32				S		32					
	1900118W	Communication in Chinese	2.0	32	32				S		32					
	8410002W	Information Retrieval & Utilization	0.5	16	8	8		8	C		16					
	0810202W	Probability & Statistics	3.0	48	48				S			48				
	1610102W	Matlab Applications	1.5	24	24				S			24				
	1900208W	Intermediate Chinese	2.0	32	32				S			32				
	0910303W	An Introduction to Industrial Engineering	2.5	40	40				C				40			
	0930303W	Project Management	2.0	32	32				S				32			
	1230302W	Chinese-to-English Translation	2.0	32	32				C				32			
	1610302W	Software Engineering	3.0	48	48			24	S				48			
	1900301W	Basic Writing in Chinese	2.0	32	32				S					32		
	1050401W	Professional Ethics	1.0	16	16				C						16	
	1610402W	Multi-media Technology & Applications	2.0	32	32			8	C						32	
	0420307W	Principles of Communication	3.5	56	56				S			56				
	0420310W	FPGA and its Applications	2.5	40	24	16		16	S			40				
	0420326W	Random Signal Analysis	2.5	40	40				S				40			
	0310210W	Linear Control Systems	3.0	48	44	4			S					48		
	0310316W	Positioning and Navigation System	2.0	32	28	4			C					32		
	0420308W	Principles and Applications of DSP	2.0	32	24	16			S					32		
	0420329W	Digital Image Processing	2.0	32	24	16			S					32		
	0420332W	Speech Signal Processing	2.0	32	32				S					32		
	0310331W	Modern Control Theory	2.0	32	30		2		C						32	
	0310440W	Flight Control System	2.5	48	40	8			C						48	
	0310441W	Digital Control System: Theory and Design	2.5	40	36	4			S						40	
	0320324W	Aerospace Power Supply System	2.0	32	28	4	2	2	S						32	
	0320417W	Digital Control in Power Electronics	2.0	32	26	4	2		C						32	
0420330W	Spread Spectrum Communication	1.5	24	24				S						24		