ELECTRICAL ENGINEERING AND AUTOMATION

TYPE OF COURSE	NATURE OF COURSE	COURSE NUMBER	COURSE NAME	CREDIT	HOURS	TEST OR ASSESS-MENT	HOURS PER WEEK IN 8 TERMS							
							1	2	3	4	5	6	7	8
REQUIRED COMMOM COURSE	COMPULSORY	00100002	Outline of Modern Chinese History	2	36	T	2							
		00200004	Moral Education and Fundamentals of Law	3	54	A		3						
		00100001	An Introduction to Mao Zedong Thoughts, Deng Xiaoping Theory and the Important Thoughts of "Three Representives"	3. 5	72	T			4					
		00100003	Principles of Marxism	3	54	T			3					
		0010006*	College English	20	360	T	5	5	5	5				
		00100*1*	Physical Education	4	144	T	2	2	2	2				
		00100007	Basis of College Computer	2. 5	54	T	3							
		00100008	C Language Programming	3	72	T			4					
		00200005	Situation and Policy	2		A	√							
		00200006	Military Course	1	18	A		2						

The common courses total 54.0 credits, and among these the required common courses total 44.0 credits, the elective common course total 10 credits.

REQUIRED BASIC COURSE	COMPULSORY	21204710	Engineering Drawing	2	36	A	2							
		6110011*	Advanced Mathematics (A)	10	180	T	6	6						
		6110112*	College Physics	6	108	T		3	3					
		24102710	Principles of Electric Circuit	4	72	T			4					
		24208410	Experiments of Electric Circuit	0. 5	18	A			1					
		61100310	Complex Function & Integral Transformation	3	54	T			3					
		61100520	Linear Algebra	2	36	T			2					
		61201920	Physics Experiment	1	45	A			3					
		24110620	Analog Electronics Technology	2. 5	45	T				3				
		24110620s	Experiments of Analog Electronics Technology	0. 5	18	A				1				
		24110720	Digital Electronics Technology	2. 5	45	T				3				
		24110720s	Experiments of Digital Electronics Technology	0. 5	18	A				1				
		24205020	Fundamentals of Software Design	2	36	A				2				
		61100210	Probability and Mathematical Statistics	3	54	T				3				
		24105210	Signal Analysis and Processing	2	36	T					2			

The required basic courses total 41.5 credits.

ELECTRICAL ENGINEERING AND AUTOMATION

TYPE OF COURSE	NATURE OF COURSE	COURSE NUMBER	COURSE NAME	CREDIT	HOURS	TEST OR ASSESS-MENT	HOURS PER WEEK IN 8 TERMS							
							1	2	3	4	5	6	7	8
REQUIRED SPECIALIZED COURSE	COMPULSORY	24104110	Fundamentals of Electrical Machinery and Power Drive	3	54	T				3				
		24100710	Microcomputer Principles and Interfacing Technology	3	54	T					3			
		24102330	Power Electronic Technology	2. 5	45	T					3			
		24103610	Principles of Automatic Control	4	72	T					4			
		24100910	Modern Control Theory	2	36	T						2		
		24102610	Electrical Drive Control System	3	54	T						4		
		24112810	Electrical Control and Programmable Logical Controller	2. 5	45	T						3		
		24202520	English for Electrical Engineering	2	36	A						2		
		24209210	Experiments of Electrical Drive Control System	0. 5	18	A						1		
		24100120	Electrical Power Supply and Distribution System	2	36	T							2	
		24100810	Computer Control System	3	54	T							3	
The required specialized courses total 27.5 credits.														
RESTRICTED ELECTIVE COURSE	ELECTIVE	24213010	Introduction to Electrical Engineering	1	18	A	2							
		72200220	Information Retrieval and Utilization	1	18	A		2						
		24100210	Technology of Detection and Sensors	2	36	T				2				
		24205110	Simulation and CAD of Control Systems	2	36	A						2		
		24207210	Remote Control System of Main Engine	2	36	A						2		
		24209920	Control Instruments and Devices	2	36	A						2		
		24212910	Engineering Application Software	2	36	A						2		
		24213610	The Basis of Modern Communication Principles	2	36	A						2		
		24104010	Marine Electrical Drive Control System	2	36	T							2	
		24105920	Control Motor	2	36	A							2	
		24205510	DCS (Distributed Control System)	2	36	A							2	
		24205710	Marine Power Plant	2	36	A							2	
There are 12 restricted elective courses, totaling 22 credits, and students must have 13 credits out of them.														
Any elective courses total 6.0 credits.														
PRACTICE	COMPULSORY	74060110	Military Training		2 weeks		√							
		24060120	Metal Craft Practice	1. 5	3 weeks					√				

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ELECTRICAL ENGINEERING AND AUTOMATION

TYPE OF COURSE	NATURE OF COURSE	COURSE NUMBER	COURSE NAME	CREDIT	HOURS	TEST OR ASSESS-MENT	HOURS PER WEEK IN 8 TERMS							
							1	2	3	4	5	6	7	8
PRACTICE	COMPULSORY	24060520	Course Design of Microcomputer Principles and Interfacing Technology	0. 5	1 week						√			
		24063010	Course Design of Electrical Control and Programmable Logic Controller	0. 5	1 week							√		
		24063110	Electrical Professional Practice	1	2 weeks							√		
		24060710	Course Design of Computer Control System	0. 5	1 week								√	
		24061010	Workshop Practice	0. 5	1 week								√	
		24062710	Course Design of Electrical Drive Control System	0. 5	1 week								√	
		24061420	Graduation Project/Thesis(Including Graduation Practice)	9	18 weeks									√
Students must have 3.0 credits from the second classroom.														
SUM				160	2691									