ELECTRONIC MECHANICAL ENGINEERING（PORT MACHINERY）

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 COMMON CUORSE	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	21105030	Descriptive Geometry and Mechanical Drawing	4	72	T	4							
		6110011*	Advanced Mathematics (A)	10	180	T	6	6						
		21200130	Computer Graphing	1. 5	36	A		2						
		61100520	Linear Algebra	2	36	T		2						
		6110112*	College Physics	6	108	T		3	3					
		21101720	Material Mechanics	3	54	T			3					
		21102120	Theoretical Mechanics	3	54	T			3					
		61100310	Complex Function & Integral Transformation	3	54	T			3					
		61201920	Physics Experiment	1	45	A			3					
		21100210	Mechanical Principles	3	54	T				3				
		24101910	Electro-technology	3	54	T				3				
		21106110	Machine Design	3. 5	63	T					4			

The required basic courses total 43 credits.

REQUIRED SPECIALIZED COURSE	COMPULSORY	21203210	Mechanical Engineering Materials	2	36	A				2				
		24101720	Electronic Technology	4	72	T					4			
		21101110	Fundamentals of Machanical Control Engineering	2. 5	45	T						3		
		21101310	Hydraulic Transmission	2. 5	45	T						3		

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ELECTRONIC MECHANICAL ENGINEERING（PORT MACHINERY）

<div align="right">Form 2</div>

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	21103930	Sensors and Testing Technology	2. 5	45	T						3		
		21104010	Mechanical and Electrical Transmission Control	2. 5	45	T						3		
		21209710	English Course For Mechatronic Engineering	2	36	A						2		
		21104420	Programmable Logical Controller	2	36	T							2	
		21109810	Mechatronic Control System	2. 5	45	T							3	
The required specialized courses total 22.5 credits.														
RESTRICTED ELECTIVE COURSE	ELECTIVE	20220110	Introduction to Mechanical Engineering	1	18	A	2							
		72200220	Information Retrieval and Utilization	1	18	A		2						
		21103140	Fundamentals of Machine Manufacturing Technology	3. 5	63	T					4			
		21106830	Management Information System	2	36	T					2			
		21101410	Microcomputer Principles and Applications	2. 5	45	T					3			
		21102830	Materials Handling Machinery	3	54	T							3	
		21202910	Metal Structure	2. 5	45	A							3	
		21203610	Modern Equipment Management	2	36	A							2	
		21213410	Faults Diagnosis Of Mechatronical Equipments	2	36	A							2	
		21214710	Principles and Application of Remote Monitoring	2	36	A							2	
		21218910	Vehicle Dynamics and Chassis	3. 5	63	A							4	
		21219210	Measurement Technology of Port Machinery	2	36	A							2	
		24212010	Port Power and Automation System	2	36	A							2	
There are 13 restricted elective courses, totaling 29 credits, and students must have 14 credits out of them.														
Any elective courses total 6.0 credits.														
PRACTICE	COMPULSORY	74060110	Military Training		2 weeks		√							
		24060140	Metal Craft Practice	3	6 weeks					√				
		21060310	Course Design of Mechanical Principles	0. 5	1 week						√			
		24061910	Electrotechnics and Electronics Practice	1	2 weeks						√			
		21060410	Course Design of Mechanical Design	1. 5	3 weeks							√		

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							1	2	3	4	5	6	7	8
PRACTICE	COMPULSORY	21061010	Course Design of PLC	1	2 weeks								√	
		21062210	Course Design of Mechatronic Control System	1	2 weeks								√	
		21060620	Graduation Project/Thesis(Including Graduation Practice)	9	18 weeks									√
Students must have 3.0 credits from the second classroom.														
SUM				160	2619									