Implemented from the freshmen of the 113th academic year

1130503-112 The 2nd semester of the academic year passed by the 2nd Department Curriculum Committee

	T		r	our-ye	ear Pi	ogran	II OI M	echani	icai E	-	-	Requi	rea C	ourse	5					
C			Hours		1 6 1			771				hing hours	41.4	. ·		701	e a			
Course category	Courses name	Credits		1'st Semester		ademic ye	emester	1'st Ser		cademic y 2'nd Se		The third acad		2'nd Semester			fourth ac mester		emester	Note
category				Teaching	Practice	2 nd S Teaching	Practice	Teaching	Practice		Practice	Teaching	Practice		Practice		Practice	2 nd S feaching		
	Chinese Reading and Writing (I) (II)	4	4	2		2														
Common compulsory	English (I) (II) (III) (IV)	8	8	2		2		2		2										
courses	Sports	4	4	2		2													$\downarrow \downarrow \downarrow$	
	Computer Application (I) (II)	4	4	2		2														computeried cour
	Labor education	2	2	1		1														
Common	Introduction to Artificial Intelligence	2	2					2												computeried cours
compulsory courses	Paper writing and academic ethics	2	2							2										
	Total	26	26	9/	9	9	/9	4/4		4/4	4.									Credits/hours
General knowledge	General knowledge course	12	12			4		4		4										
course	Total	12	12			4	/4.	4/4		4/4	4.									Credits/hours
	Calculus	3	3	3																
	Applied mechanics (Static)	3	3	3																Connection cours
	Mechanical drawing	2	2		2															Connection course the computer
	Precision measuring instruments and practice	3	3	1	2															Practical course
	Machinery manufacturing	3	3			3														
	Factory practice	3	3				3													Practical course
	Computer-aided drawing	3	3				3													computeried cour
	Mechanism	3	3					3												
rofessional	Mechanics of materials	3	3					3												
compulsory	CNC machine tool	3	3					3												
courses	Mechanical material test	3	3						3											Practical course
	Mechanical design	3	3							3										
	CNC machine tool practice	3	3								3									Practical course
	Thermodynamics	3	3									3								
	Electrical machinery	3	3									3								
	Practical Project (I)	2	2										2							Practical course
	Heat flow experiment	3	3												3					Practical course
	Electric experiment	3	3												3					Practical course
	Practical Project (II)	2	2												2					Practical course
	Total	54	54	11/1	11.	9	/9	12/1	12	6/	6	8/8		8/8						Credits/hours
Professio	nal elective courses (at least)	36	36							6/	6	6/	6	6	6	9	/9	9	/9	Credits/hours
	Total	128	128	20/2	20.	22	/22	20/2	0	20/2	20	14/	14	14/	14.	9	/9	9	/9	Credits/hours

1. 128 credits for graduation = 26 credits of joint compulsory course + 12 credits of general course + 54 credits of professional compulsory course + 36 credits of professional elective course. Two. Labor education is compulsory 2 credits. 3. University students must pass the Chinese and English ability test, and those who fail need to participate in supplementary teaching. 4. This department has a graduation threshold system. After completing the graduation credits, you still have to pass the graduation threshold inspection before graduation.

1130509-112 The 3rd school curriculum committee of the second semester of the academic year passed

1130503-112 The 2nd semester of the academic year passed by the 2nd Department Curriculum Committee

											He	ours								
Course	Course Name	Car I'r	Hour	TI	ne first ac	ademic ye	mic year		second a	academic year			e third a	cademic y	ear	The fourth academic year				NT /
category		Credits	s	l'st se	emester	2'nd Semester		l'st se	mester	2'nd Se	emester	1'st se	mester	2'nd Se	mester	l'st sei	nester	2'nd S	emester	Note
			L	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	
	Mechanical materials	3	3							3										
	Refrigeration air conditioning	3	3							3										
	Internal combustion engine	3	3							3										
	Introduction to Green Energy	3	3							3						-				
	Creative design thinking	3	3							3						-				
	Inventor Advanced Drawing	3	3								3									computeried cou
	SolidWorks 3D drawing	3	3								3									computeried cou
	Casting engineering	3	3									3								
	Fluid machine	3	3									3								
	Microprocessor	3	3									3								
	Quality control	3	3									3								
	Industrial safety and hygiene	3	3									3								
	Electronics Pro/E 3D drawing	3	3									3	3							computeried cou
																				-
	Practice of air pressure control	3	3										3							Practical cours
	Light-emitting diodes and solid- state lighting	3	3											3						
	Robotics	3	3											3						
	Principle and application of single chip	3	3											3						
	Innovation and	3	3											3						
	entrepreneurship Barometrics	3	3											3						
	Hazard analysis and risk																			
	assessment	3	3											3						
	Catia 3D drawing	3	3												3					computeried cou
ofessional	Computer-assisted manufacturing and application	3	3												3					computeried cou
Elective Courses	Electronic experiment	3	3													3				Practical cours
	Innovative inventions and patents	3	3													3				
	Electric car	3	3													3				
	Hybrid vehicle	3	3													3				
	Electromechanical integration	3	3													3				
	Barometrics practice	3	3														3			Practical cours
	Computer-assisted engineering	3	3														3			computeried cou
	analysis Figure-controlled programming	3	3														3			computeried cou
	Internship (I)	3	3														3			Practical cours
	Internship (II)	3	3														3			Practical cours
	Internship (III)	3	3														3			Practical cours
	Advanced vehicle technology	3	3															3		
	Factory management	3	3															3		
	Principle and application of sensor	3	3															3		
	AI machine vision system	3	3																3	computeried cou
	Computer-assisted mechanical o	3	3																3	computeried co
	PLC technology	3	3																3	Practical cour
	Electromechanical integration practice	3	3																3	Practical cours
	internship (IV)	3	3																3	Practical cour
	internship (V)	3	3																3	Practical cour
	Internship (VI)	3	3																3	Practical cours
	At least should be repaired	5	36						1			1	i i	1	1		I.	1	2	i racucar cours

Implemented from the freshmen of the 113th academic year

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130503 Approved by the 2nd Department Curriculum Committee for the 2nd Semester of the 112th Academic Year

												Hou	rs							
Course	C	C 1.4		T	ne first ac	ademic y	ear	The se	econd a	academie	year	The	third ac	ademic y	year		The fourth	academic yea	r	Nuti
category	Courses name	Credits	Hours		emester		emester				emester			2'nd So			emester		emester	Note
				Teaching	Practice	Teaching	Practice	Teaching	ractice	Teaching	Practice	Feaching	Practice	Feaching	Practice	Teaching	Practice	Teaching	Practice	
	Chinese Reading and Writing (I) (II)	4	4	2		2														
Common	English (I) (II) (III) (IV)	8	8	2		2		2		2										
ompulsory courses	Sports	4	4	2		2														
	Computer Application (I) (II)	4	4	2		2														computeried course
	Labor education	2	2	1		1														
Common	Introduction to Artificial Intelligence	2	2					2												computeried cours
ompulsory courses	Paper writing and academic ethics	2	2							2										
	Total	26	26	9/9 9/9		/9	4/4		4/4						+				Credits/hours	
	General knowledge course	12	12			4		4		4										
General knowledge course	Total	12	12			4/4		4/4		4/4										Credits/hours
	Calculus	3	3	3																
	Applied mechanics (Static)	3	3	3																Connection course
	Mechanical drawing	2	2		2															Connection course U computer
	Precision measuring instruments and practice	3	3	1	2															Practical course
	Vehicle chassis technology	3	3			3														
	Vehicle engine control	3	3			3														
	Factory practice	3	3				3													Practical course
	Vehicle electrical system control	3	3					3												
	Mechanical science	3	3					3												
	Locotive maintenance practice	3	3						3											Practical course
rofessional ompulsory courses	Vehicle Engineering Practice (I) - Engine	3	3						3											Practical course
	Electrical engineering	3	3							3										
	Vehicle Engineering Practice (II) - Engine and Chassis	3	3								3									Practical course
	Electric experiment	3	3						1				3				1	1	1	Practical course
	.Vehicle Engineering Practice (III) - Engine and Electrical System	3	3										3							Practical course
	Practical Project (I)	2	2		<u> </u>				1	1			2				1	1	1	Practical course
	Heat flow experiment	3	3		1				1					3			1			Practical course
	Vehicle Engineering Practice (IV) - Comprehensive	3	3					1							3					Practical course
	Practical Project (II)	2	2						İ –						2		1	1	1	Practical course
	Total	54	54	11	/11	9	/9	12/1	2	6	/6	8/	8	8/			•	1	-	Credits/hours
Professiona	al elective courses (at least)	36	36							6	/6	6/	6	6/	6	9	/9	9	/9	Credits/hours
	Total	128	128	20	/20	22	/22	20/2	0	20	/20	14/	14	14/	/14	9	)/9	9	/9	Credits/hours

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## Implemented from the freshmen of the 113th academic year

-112 passed by the 2nd semester of the 2nd department course committee of the academic year

	Four-year Pro	5				0	•	_ r			ber of tea									
				Th	e first ac	ademic ye	ar	The	second a			-	e third ac	ademic v	ear	The	e fourth ac			
Course category	Course Name	Credits	Hours	l'st se			emester	l'st se			emester		emester	2'nd Se			emester	2'nd Se		Note
				Teaching	Practice	Teaching	Practice		Practice	Feaching	Practice	Teaching	Practice	Teaching		Teaching	Practice	Teaching	Practice	
	Machinery manufacturing	3	3			8				3										
	Automatic transmission	3	3							3										
	technology																			
	Internal combustion engine	3	3							3										
	Introduction to Green Energy	3	3							3										
	Creative design thinking	3	3							3										
	Inventor Advanced Drawing	3	3								3									computeried co
	The actual inspection of locomotives	3	3								3									
	Advanced vehicle technology	3	3									3								
	Quality control	3	3									3								
	Introduction to self-driving cars	3	3									3								
	Industrial safety and hygiene Automotive spraying	3	3									3								
	technology	3	3									3								
	Jet locomotive practice	3	3										3							Practical cour
	Vehicle kinetics mechanics	3	3											3						
	Car vibration and noise	3	3											3						
	Vehicle development and project management	3	3											3						
	Vehicle marketing management	3	3											3						
	Vehicle Electronics	3	3											3						
	Vehicle sensing and control	3	3											3						
Professional	Innovation and	3	3											3						
Elective	entrepreneurship Automobile circuit fault													5						
Courses	inspection practice	3	3												3					Practical cour
	Vehicle electronic technology	3	3													3				
	Electric control system for locomotives	3	3													3				
	Innovative inventions and	3	3													3				
	patents																			
	Car air conditioning Hybrid vehicle	3	3													3				
	Service factory reception															3				
	response	3	3														3			Practical cour
	Internship (I)	3	3														3			Practical cour
	Internship (II)	3	3														3			Practical cour
	Internship (III) AI machine vision system	3	3														3	3		Practical cour
	Car painting	3	3															3		
	Electric car	3	3															3		
	Vehicle service industry factory management	3	3															3		
	Principle and technology of	3	3															3		
	self-driving car Factory management	3	3															3		
	High-level diagnostic practice	3	3															5	3	Practical cour
	Internship (IV)	3	3	<u> </u>			1												3	Practical cour