Curriculum Planning for Undergarduate Students for Academic Years 2025-2029 - Special Class of Industry-University Cooperation for Inernational Students / Department of Mechanical Engineering

		Credits	Hours	Hours																
Course category	Courses name			The first academic year				The second academic year			The third academic year				The fourth academic year					
				1'st Semester		2'nd Semester		1'st Semester		2'nd Semester		1'st Semester		2'nd Semester		1'st Semester		2'nd S	emester	Note
				Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	
Common compulsory courses	Chinese (I) (II) (III) (IV)	14	24	5 of 10		5 of 10		2/2				2/2								
	Chinese tutoring	0	5	0/5.																
	Chinese License Guidance (I)	4	9			0/5.				2/2				2/2						computeried course
	Total	18	38	5/15th		5/15th		2/2		2/2		2/2		2/2					·	Credits/hours
General knowledge courses	Sports	2	4		1/2		1/2													
	Labor education	2	4		1/2		1/2													
	Total	4	8	2/4.		2/4.		•						•						Credits/hours
	Machinery manufacturing	3	3	3																
	Applied mechanics (Static)	3	3	3																
	Mechanical drawing	3	3		3															computeried course
	Factory practics	3	3		3															Practical course
	Mechanics of materials	3	3			3														
	Precision measuring instruments and practice	3	3			1	2													Practical course
	CNC machine tool practice	3	3				3													Practical course
	Computer-aided drawing	3	3				3													computeried course
Department	Intership (I)	6	24						24											Practical course
compulsory courses	Intership (II)	6	24								24									Practical course
	Intership (III)	6	24										24							Practical course
	Material mechanics	3	3											3						
	Computer-aided stereoscopic drawing	3	3												3					computeried course
	Mechanism	3	3													3				
	Mechanical material test	3	3														3			Practical course
	Mechanical design	3	3															3		
	Electric experiment	3	3															3		
	Total	60	114	12/12		12/12		6/24		6/24		6/24		6/6		6/6		6/6		Credits/hours
Professional elective courses (at least)		46	46		2/2 2/2		8/8			8/8		8/8		6/6		6/6		/6	Credits/hours	
Total		128	206	21/3	33.	21/33.		16/34.		10	16/34.		16/34.		14/14.		12/12		/12	Credits/hours

Course category		Credits	Hours	Hours															Note	
				The first academic year				Th	ne second	academic yea	ır		The third a	cademic yea	ar The fourth academic year					14010
	Course Name			1'st semester		2'nd Semester		1'st semester		2'nd Semester		1'st semester		2'nd Semester		1'st semester		2'nd Semester		
				Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	Teaching	Practice	+
	Plastic processing	2	2	2																†
	Calculus	2	2	2																
	Non-traditional processing	2	2	2																
	Numerical control machine	2	2			2														
	Introduction to micro- electromechanical	2	2			2														
	Barometrics	3	3					3												
	Quality control	3	3					2												
	Electronic practice	3	3						3											Practical co
	Principle and application of sensor	3	3							3										
	Factory management	2	2							2										
	Locomotica Inspection Practice (I)	3	3								3									Practical co
	Barometrics practice	3	3								3									Practical co
	.Electrical engineering	3	3									2								
Professional	Creative 3D printing	3	3										3							Practical c
Elective Courses	Locomotian Inspection Practice (II)	3	3										3							Practical c
	Application of automation engineering	3	3											3						
	Vehicle Engineering Practice (I)	3	3												3					Practical co
	Internship (IV)	6	24												24					Practical co
	Electromechanical integration	3	3													3				
	Green energy engineering	3	3													3				
	Vehicle Engineering Practice (II)	3	3														3			Practical c
	Internship (V)	6	24														24			Practical c
	Mechanical and electrical integration practice	3	3							•						_			3	Practical c
	AI visual system	3	3																3	Use th
	Intership (VI)	6	24																24	Practical
	At least should be repaired	46	46					1												