

Nanya Institute of Technology Four-year Program of Mechanical Engineering Required Courses																				
Course category	Courses name	Credits	Hours	Hours																Note
				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 Semester		
				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) (II) (III)	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
Department compulsory courses	Machinery manufacturing	3	3	3																
	Applied mechanics (Static)	3	3	3																
	Mechanical drawing	3	3		3														computeried course	
	Factory practices	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	
	Internship (I)	6	24					24											Practical course	
	Internship (II)	6	24							24									Practical course	
	Internship (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		6/6		Credits/hours
Total		128	206	21/33.		21/33.		16/34.		16/34.		16/34.		14/14.		12/12		12/12		Credits/hours
1. Bi128 credits = 18 credits of common compulsory course + 4 credits of general course + 60 credits of professional compulsory course + 46 credits of professional elective course.																				

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