

**框**

# Mechanical Design, Manufacturing and Automation

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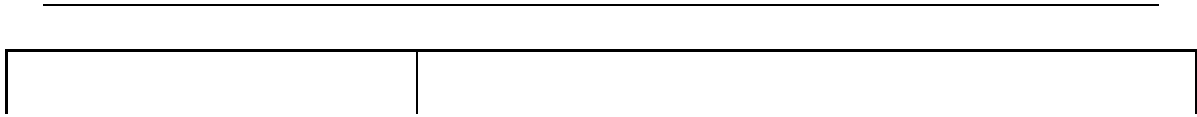
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<b>5</b>	5-1
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<b>6</b>	6-1
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9-2

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			51.5+ 6			61.5+ 6	
			10				
			7	24	33	49	78.5
			17				
			9				
			16				
			29.5				
			6			12+ 6	
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			152+ 12				

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14+ 2

MARX1022	Ideological morality and Rule of law	3	1
MARX1010	Summary of Modern and Contemporary Chinese	3	2
MARX1011	Introduction to Mao Zedong Thought and Theoretical System of Socialism with Chinese Characteristics	5	4
MARX1021	Principles of Marxism	3	3
MARX1012	Current State Affairs and Policies	2	1~8

**2            8**

FOLL1607	College English	2	1
FOLL1608	Advanced Reading & Writing I	2	2
FOLL1609	Advanced Listening & Speaking I	2	2
FOLL1610	II Advanced Reading & Writing II	2	3
FOLL1611	II Advanced Listening & Speaking II	2	3
FOLL1605 ESP	Engineering English	2	4
	Business English	2	4
	Integrated Academic English	2	4
	Advanced Integrated English	2	4

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ELIN1104	C C Language Programming	2	1
ELIN1105	C Experiments for C Language Programming	1	1



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21.5

MATH2601	IA Advanced Mathematics A	5	1
MATH2602	II A Advanced Mathematics A	5	2
MATH2604	A Linear Algebra A	3	3
MATH2603	Probability Theory and Mathematical Statistics	3	4
PHYS2605	A Physics A	3	2
PHYS2607	Experiment in Physics	1	2
MEEN4157	B Finite Element Analysis and Computational Method B	1.5	5

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4+ 4

PE1006	Military Skills Training	2	1
PE1018	Military Theory	2	1
PE1001	Physical Education	1	1
PE1002	Physical Education	1	2
PE1003	Physical Education	1	3
PE1004	Physical Education	1	4

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GC1648	* Innovation and Entrepreneurship Basics for College students	1	2

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MEEN2203	Graphing of Engineering	3	1
MEEN3601	* Discipline Introduction	1	1
MEEN2204	Graphing of Engineering	2	2
MEEN4165	* Creative Thinking and Innovative Method*	1	3

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MEEN3110	Theoretical Mechanics	3	3

AGEN4225	I Electrotechnics and Electronics I	1.5	3
MEEN3103	A Material Mechanics A	3	4
MEEN3104	Theory of Machines and Mechanisms	3	4
AGEN4226	II Electrotechnics and Electronics II	1.5	4
MEEN4175	Fundamentals of Control Engineering	2	5
MEEN4104	A Mechanical Design A	3	5

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MEEN3305	A Engineering Material and Processing Technology A	3	5
MEEN4306	* Measurement Technology	2	5
MEEN4101	A Mechanical Manufacture Processes A	3	6
MEEN4151	A Numerical Control Technology A	1	7

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MEEN4148	Academic Foreland	1	3
MEEN4166	Artificial Intelligence and Intelligent Manufacturing	1	3

MEEN4132	<b>SRT</b> Program for Student Innovation through Research and Training	1	4
MEEN4312	<b>A</b> Hydraulic and Pneumatic Technology A	2	6
MEEN4153	<b>A</b> Mechatronics Technology A	1	6

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CHEM2603	Engineering Chemistry	1.5	1
MEEN4247	Basic Sketching	2	2
MEEN4317	<b>A</b> Heat Transfer A	2	5
MATH2608	<b>B</b> Complex Function and Integral Transformation B	2	5
LOME4165	Marketing	2	7
MEEN4330	Material Forming Equipment	2	7
ELIN4124	Computer Networks	2	5

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MEEN4114	Metal-cutting Principles and Cutters	2	5
MEEN4120	Advanced Manufacturing Technology	2	6
MEEN4118	Computer-aided Manufacture	2	6
MEEN4134	Modern Mold Manufacturing Technology	2	7

MEEN4135	Design of Mechanical Manufacture Automatic Equipment	2	7
MEEN3112	Basics of Mechanical Manufacturing	2	3

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MEEN4136	Micro-computer Control of Mechanical Systems	2	5
MEEN4116	Introduction to Robotics	2	6
MEEN4137	Mechanical and Electrical Transmission Control	2	7

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MEEN2208	Computer Aided Design	2	3
MEEN4117	Mechanical Vibration	2	5
MEEN4113	Dynamics of Mechanical Systems and Simulation	2	5
MEEN4147	Product Innovation Design	2	6
MEEN4111	Modern Mechanical Design Methods	2	6

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MEEN4115	Vehicle Theory and Design	2	7
MEEN4405	Vehicle Structure and Principles	2	6

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MEEN7405	Automotive Electronics	2	7
MEEN7304	Higher Dynamics	2	7
AGEN7301	Experimental Design and Data Processing	2	7
AGEN7302	Digital Image Processing	2	7
AGEN7303	Embedded System	2	7

GPA 3.0

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MEEN4138	A # Metalworking Practice A	2	3
MEEN4131	Basic Scientific Research Training	1	3
MEEN4139	A # Metalworking Practice A	2	4
AGEN4210	Cognition and Practice of Electrics and Electronics	1	4
MEEN4143	Comprehensive Practice of Mechanical Creative Design	1	5
MEEN4106	A Course Design in Mechanical Design A	2	5
MEEN4167	I Comprehensive Specialized Skills Training I	1	5

MEEN4144	Production Practice	2	6
MEEN4145	Mechatronics Practice	2	6
MEEN4168	II Comprehensive Specialized Skills Training II	1	6
MEEN4107	Practice in Mechanical Manufacture Processes	2	7
MEEN4146	NC Machining Practice	1	7
MEEN4169	III Comprehensive Specialized Skills Training III	1.5	7
MEEN4127	Undergraduate Internship and Graduation Project	10	8

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**6 +12****1.****6**

GC1105	Psychological Health Education	2	1
GC1101	I* Life Planning and Career Development I*	0.5	2
GC1102	II* Life Planning and Career Development II*	0.5	5
GC1104	Safety Education for University Students	1	1
GC1201	Social Practice for Undergraduates	1	
	艺术实践 Artistic practice	1	1-8

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MEEN4170	* Analysis of Engineering Case	1	7

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MEEN3105

A  
Fluid Mechanics A

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SRT		1
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	A #	32
	AII #	32
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MARX1021	Principles of Marxism		3	36		1
FOLL1610	II Advanced Reading & Writing II		2	36		
FOLL1611	II Advanced Listening & Speaking II					
MARX1012	Current State Affairs and Policies		(0.5)			
MATH2604	A Linear Algebra A		3	48		
PE1003	III Physical Education III		1	2	34	
MEEN3110	Theoretical Mechanics		3	48		
AGEN4225	I Electrotechnics and Electronics I		1.5	18	6	
MEEN4165	* Creative Thinking and Innovative Method*		1	8	8	
MEEN4148	Academic foreland		1	16		
MEEN4166	Artificial Intelligence and Intelligent Manufacturing		1	16		
MEEN4138	AI Metalworking Practice A I		2			2
MEEN2208	Computer Aided Design		2	16	16	
MEEN4131	Basic Scientific Research Training		1			1
MEEN3112	Basics of Mechanical Manufacturing		2	32		
			23.5+(0.5)	276	64	4

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MARX1011	Introduction to Mao Zedong Thought and Theory of Socialism with Chinese Characteristics		5	54		2

## Engineering English

FOLL1605

ESP

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MARX1012	Current State Affairs and Policies		(0.5)	8		
MEEN4175	Fundamentals of Control Engineering		2	26	6	
MEEN4104	A Mechanical Design A		3	42	6	
MEEN3305	A Engineering Material and Processing Technology A		3	38	10	
MEEN4306	* Measurement Technology		2	26	6	
MEEN4317	A Heat Transfer A		2	32		
MATH2608	B Complex Function and Integral Transformation B		2	32		
MEEN4114	Metal-cutting Principles and Cutters		2	30	2	
MEEN4136	Micro-computer Control of Mechanical Systems		2	28	4	
MEEN4117	Mechanical Vibration		2	22	10	
MEEN4113	Dynamics of Mechanical Systems and Simulation		2	18	14	
MEEN4143	Comprehensive Practice of Mechanical Creative Design		1			1
MEEN4106	A Course Design in Mechanical Design A		2			2
MEEN4167	I Comprehensive Specialized Skills Training I		1			1
MEEN3105	A Fluid Mechanics A		2	24	8	
MEEN4157	B Finite Element Analysis and Computational Method B		1.5	10	14	
ELIN4124	Computer Networks		2	20	12	
GC1102	Life Planning and Career Development		(0.5)	8		
			31.5+ (1)	364	92	4

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MARX101 2	Current State Affairs and Policies		(0.5)	8		
MEEN4153	A Mechatronics Technology A		1	16		
MEEN4145	Mechatronics Practice		2			2
MEEN4101	A Mechanical Manufacture Processes A		3	44	4	
MEEN4144	Production Practice		2			2
MEEN4312	A Hydraulic and Pneumatics Technology A		2	22	10	
MEEN4118	Computer-aided Manufacture		2	22	10	
MEEN4405	Vehicle Structure and Principles		2	24	8	
MEEN4120	Advanced Manufacturing Technology		2	24	8	
MEEN4116	Introduction to Robotics		2	28	4	
MEEN4111	Modern Mechanical Design Methods		2	26	6	
MEEN4147	Product Innovation Design		2	16	16	
MEEN4168	II Comprehensive Specialized Skills Training II		1			1
MASE4132	Project Management		2	32		
			25+(0.5)	262	66	5

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MARX1012	Current State Affairs and Policies		(0.5)	8		
MEEN4169	III Comprehensive Specialized Skills Training III		1.5			1.5
MEEN4151	A Numerical Control Technology A		1	16		
MEEN4146	NC Machining Practice		1			2
MEEN4107	Practice in Mechanical Manufacture Processes		2			2
MEEN4115	Vehicle Theory and Design		2	24	8	
MEEN4134	Modern Mold Manufacturing Technology		2	32		
MEEN4135	Design of Mechanical Manufacture Automatic Equipment		2	28	4	
MEEN4137	Mechanical and Electrical Transmission Control		2	28	4	
LOME4165	Marketing		2	32		
MEEN7405	Automotive Electronics		2	32		
MEEN7304	Higher Dynamics		2	32		
AGEN7301	Experimental Design and Data Processing		2	32		
AGEN7302	Digital Image Processing		2	32		
AGEN7303	Embedded System		2	32		
MEEN4170	Analysis of Engineering Case		1	16		
MEEN4330	Material Forming Equipment		2	26	6	
			28.5+(0.5)	370	22	5.5

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MARX1012	Current State Affairs and Policies		(0.5)	8		
MEEN4127	Graduation Practice & Graduation Thesis		10			10
			10+(0.5)			10