Henan University of Engineering Academic Transcript

School: School of Mechanical Engineering | Major: Robotics Engineering | Class: Robotics Engineering 2142

Student Number: 202110622243 | Name: Ma Linhan | Graduation Certificate Number: | Graduation Conclusion: Graduated

Course Name	Course Nature	Credit	Grade	Grade Point	Course Name	Course Nature	Credit	Grade	Grade Point	Course Name	Course Nature	Credit	Grade	Grade Point
The first semester of the 2021-2022 academic year					Outline of Modern Chinese History	Compulsory	3.0	81	3.1	Tennis	P.E.	1.0	80	3.0
Fundamentals of University Information Technology	Compulsory	2.0	83	3.3	Entering the Imperial Palace	Public	2.0	99	4.9	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	Compulsory	2.0	82	3.2
College English 1	Compulsory	4.0	81	3.1	The first semester of the 2022-2023 academic year					Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	Compulsory	1.0	85	3.5
College Chinese	Compulsory	2.0	76	2.6	Fundamentals of Entrepreneurship	Compulsory	2.0	84	3.4	Situation and Policy (4)	Compulsory	0.5	89	3.9
Advanced Mathematics B1	Compulsory	4.0	79	2.9	College Physics Experiment	Compulsory	2.0	Good	3.5	Introduction to IELTS Writing	Public Elective	2.0	80	3.0
Postmodern Classic Film and Television	Public Elective	2.0	100	5.0	College English 3	Compulsory	2.0	92	4.2	Professional Basic Course Design	Practice	2.0	92	4.2
Descriptive Geometry and Mechanical Drawing 1	Compulsory	3.0	90	4.0	Principles and Interface Technology of Single Chip Microcontrollers	Professional Elective	3.0	84	3.4	The first semester of the 2023-2024 academic year				
Introduction to Robotics Technology	Compulsory	1.0	80	3.0	Electrical and Electronic Technology	Compulsory	3.0	76	2.6	Mechanical and Electrical Transmission Control Technology	Compulsory	2.0	87	3.7
Military Theory	Compulsory	2.0	96.41	4.6	Interchangeability and Measurement Technology	Professional Elective	2.0	75	2.5	Robotics Mechanics	Compulsory	3.0	79	2.9
Ideological and Moral Cultivation and Legal	Compulsory	2.0	93	4.3	Intermediate Diabolo	P.E.	1.0	87	3.7	Course Design of Robotics Mechanics	Practice	1.0	Excellent	4.5
Ideological and Moral Cultivation and Legal	Practice	1.0	Good	3.5	Mechanical Engineering Materials	Compulsory	2.0	85	3.5	Fundamentals of Mechanical Engineering Control	Compulsory	2.0	98	4.8
Sport Dance	P.E.	1.0	83	3.3	Computer Graphics	Practice	2.0	75	2.5	Mechanical Design	Compulsory	4.0	85	3.5
Situation and Policy (1)	Compulsory	0.5	92	4.2	Theoretical Mechanics B	Compulsory	3.0	87	3.7	Course Design of Mechanical Design	Practice	2.0	Excellent	4.5
Art and Aesthetics	Public Elective	2.0	99	4.9	Basic Principles of Marxism	Compulsory	3.0	82	3.2	3D Modeling Technology	Professional Elective	2.0	73	2.3
Career Planning	Compulsory	1.0	Good	3.5	Cognition Practice	Practice	1.0	Excellent	4.5	Hydraulic and Pneumatic Transmission	Professional Elective	2.0	84	3.4
The second semester of the 2021-2022 academic year					Linear Algebra A	Compulsory	3.0	84	3.4	The second semester of the 2023-2024 academic year				
Psychological Health Education for College Students	Compulsory	2.0	85	3.5	Situation and Policy (3)	Compulsory	0.5	92	4.2	Industrial Robot Simulation Technology	Compulsory	2.0	87	3.7
College Physics B	Compulsory	4.0	84	3.4	The second semester of the 2022-2023 academic year					Course Design of Industrial Robot Simulation Technology	Practice	1.0	97	4.7
College English 2	Compulsory	4.0	89	3.9	Materials Mechanics B	Compulsory	3.0	74	2.4	Course Design of Electromechanical Transmission Control Technology	Practice	1.0	95	4.5
Advanced Mathematics B2	Compulsory	4.0	92	4.2	Course Design of Electrical and Electronic Technology	Practice	1.0	91	4.1	Robot Perception Technology	Compulsory	3.0	92	4.2
Korean Film and Social Culture	Public Elective	2.0	86	3.6	Film Narrative and Aesthetics	Public Elective	2.0	99	4.9	Machine Vision and Image Processing	Professional Elective	2.0	90	4.0
Primary Diabolo	P.E.	1.0	88	3.8	Probability Theory and Mathematical Statistics B	Compulsory	2.0	86	3.6	Fundamentals of Mechanical Manufacturing Technology	Compulsory	4.0	80	3.0
Descriptive Geometry and Mechanical Drawing 2	Compulsory	2.5	87	3.7	Hacker Culture and Cybersecurity	Public Elective	2.0	93	4.3	Course Design of Fundamentals of Mechanical Manufacturing Technology	Practice	1.0	Medium	2.5
Descriptive Geometry and Mechanical Drawing Course Design	Practice	1.0	90	4.0	Machine Tool Electrical and PLC	Professional Elective	2.0	92	4.2	Employment Guidance	Compulsory	1.0	Good	3.5
Robot Programming	Compulsory	2.0	78	2.8	Mechanical Principle	Compulsory	3.0	73	2.3	Fieldbus Technology	Professional Elective	2.0	78	2.8
Metalworking Internship	Practice	2.0	Good	3.5	Course Design of Mechanical Principles	Practice	1.0	Excellent	4.5	The first semester of the 2024-2025 academic year				
Girl Dressing Tips	Public Elective	2.0	98	4.8	Computing Method	Compulsory	1.5	78	2.8	Application of Big Data Tools	Public Elective	2.0	99	4.9
Situation and Policy (2)	Compulsory	0.5	81	3.1	Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics	Compulsory	3.0	83	3.3	Robot System Integration Technology	Compulsory	2.0	73	2.3

Graduation Design (Thesis) Title	Annual Average Score	Annual Average Score Grade Point
Design of Bolt and Nut Assembly Workstation System Based on Digital Twin MCD Platform	86.44	3.56

Total credits required for graduation	Total credits obtained	Include	Compulsory	Professional Elective	Public Elective	P.E.	Practice
170	182.5		103.0	21.5	20.0	4.0	34.0

School (Seal): | Reviewer: Liu Xidong | Printing date: June 6, 2025

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Student Number: 202110622243 Name: Ma Linhan Graduation Certificate Number: Graduation Conclusion: Graduated

Course Name	Course Nature	Credit	Grade	Grade Point	Course Name	Course Nature	Credit	Grade	Grade Point	Course Name	Course Nature	Credit	Grade	Grade Point
Course Design of Robot System Integration Technology	Practice	1.0	86	3.6										
The Beauty of Artificial Intelligence and Science	Public Elective	2.0	99	4.9										
Production Practice	Practice	2.0	91	4.1										
literature Search	Professional Elective	0.5	89	3.9										
Intelligent Factory Planning and Simulation System	Professional Elective	2.0	88	3.8										
Intelligent Manufacturing and Robot Systems	Professional Elective	2.0	91	4.1										
Specialized English	Professional Elective	2.0	75	2.5										
The second semester of the 2024-2025 academic year														
Graduation Design (Thesis)	Practice	10.0	82	3.2										
Graduation Internship	Practice	4.0	Good	3.5										
Blank														
Graduation Design (Thesis) Title										Annual Average Score			Annual Average Score Grade Point	
Design of Bolt and Nut Assembly Workstation System Based on Digital Twin MCD Platform										86.44			3.56	

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School (Seal): Reviewer: Liu Xidong Printing date: June 6, 2025