Verification Report

of

China Higher Education Student's Academic Transcript

Name:	Gu Yizhan	Report No.:	12426067
Sex:	Male	Date of Report:	Jul. 25, 2023
ID No.:	32050620010815****	Page:	1 of 13
Institution:	Harbin Institute of Technology		
Major:	Electrical Engineering and Automation		
Level:	Undergraduate		
Diploma No.:	102131202305001403		

Subject and grade assessment:

Total Credits Due: 175.5 credits, Actual Total Credits: 232 credits;

Actual Total Credit Hours: 3317 hours + 27 weeks;

There are 59 compulsory courses, credits are 146, accounting for 63%;

There are 6 optional courses, credits are 6, accounting for 3%;

There are 7 major compulsory courses, credits are 13.5, accounting for 6%;

There are 37 optional courses, credits are 66.5, accounting for 29%.

Specific Course Information:

SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2019-2020 SEMESTER 1				
Physical Education	70	1	32	Compulsory

(Continued on next page)

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Ministry of Education, P.R. China

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2019-2020 SEMESTER 1				
Advanced English Speaking	90.8	1.5	32	Compulsory
University Chemistry C	81.7	2	32	Compulsory
College Computer-Introduction to Computing Thinking B	77.1	2.5	40	Compulsory
Ideological and Moral Self-cultivation & Fundamentals of Law	72	2.5	40	Compulsory
Military Training and Theories	83	3	3Week	Compulsory
Modern Engineering Drawing Technology	77.5	3.5	56	Compulsory
Linear Algebra and Analytic Geometry	86	4	64	Compulsory
Calculus B (1)	90	5.5	88	Compulsory
Introduction to Philosophy	93	1.5	24	Optional
Taiji Culture and Practice	92	2	32	Optional
2019-2020 SEMESTER 2				
Literature Retrieval	82.8	0.5	12	Compulsory

(Continued on next page)

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2019-2020 SEMESTER 2				
Situation and Policy (1)	92	0.5	8	Compulsory
Physical Education	80	1	32	Compulsory
Introduction to Australian and New Zealand Culture	90.3	1.5	36	Compulsory
Practicum on Ideological and Political Theories	84.3	2	8	Compulsory
Electric Circuit E (1)	75.5	2	32	Compulsory
Compendium of Chinese Modern and Contemporary History	90	2.5	40	Compulsory
C Programming Language A	88	3	48	Compulsory
Calculus B (2)	92	5.5	88	Compulsory
College Physics B (1)	65.2	5.5	88	Compulsory
Famous Western Philosophers	98	1	16	Optional
Mobile Changes Life - 5Gs Past and Present Life	83.1	1.5	24	Optional
National Musical Instrument Performance	97	2	32	Optional

(Continued on next page)

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2019-2020 SEMESTER 3				
Introduction to Disciplines of Astronautics and Automation	88	1.5	24	Compulsory
Mental Health of College Students	92.4	1	16	Optional
Introduction to Western Art	90	1	16	Optional
Life Safety and Rescue	93.5	2	32	Optional
Management Technology	89	2	32	Optional
Basic Music Theory	93	2	32	Optional
Guidance and Practice of Interdisciplinary Mathematical Modeling	86	2	32	Optional
2020-2021 SEMESTER 1				
Electric Circuit Experiment A (1)	76	0.5	18	Compulsory

(Continued on next page)

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2020-2021 SEMESTER 1				
Physical Education	76	0.5	16	Compulsory
Analog Electronics Experiments	95	1	21	Compulsory
Advanced English Vocabulary	90	1.5	36	Compulsory
College Physics Experiments A (1)	88	1.5	33	Compulsory
Probability Theory and Mathematical Statistics C	68.5	3	48	Compulsory
Complex Function and Integral Transformation	82	3	48	Compulsory
Electric Circuit E (2)	90	4	64	Compulsory
Fundamentals of Analog Electronics A	60	4	64	Compulsory
Introduction to Mao Zedong Thought and the Socialism Theory of China Characteristics System	83	4	64	Compulsory
College Physics B (2)	82	4	64	Compulsory

(Continued on next page)

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2020-2021 SEMESTER 1				
Chinese and Western Singing Voice Training and Stage Performance Skills	96.1	2	32	Optional
Introduction to American Politics	99.1	3	50	Optional
2020-2021 SEMESTER 2				
Electric Circuit Experiment A (2)	91	0.5	18	Compulsory
Digital Electronics Experiments	85	0.5	18	Compulsory
Situation and Policy (2)	88	0.5	8	Compulsory
Physical Education	70	0.5	16	Compulsory
College Physics Experiments A (2)	81	1	27	Compulsory
Listening and Speaking for TOEFL	86.5	1.5	36	Compulsory
Electromagnetic Fields	86.5	3	48	Compulsory
Fundamentals of Digital Electronics B	68	3	48	Compulsory

(Continued on next page)

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2020-2021 SEMESTER 2				
Mechanics Base C	85	3	48	Compulsory
Basic Principles of Marxist Philosophy	73	3	48	Compulsory
Wireless Charging of Smart Car Based on Magnetic Resonant Coupling	90	1	24	Optional
High EQ Communication - How to Use Positive Language	90.8	1	16	Optional
Communication Literacy and Skills	89	1.5	24	Optional
Applications for Electrical Apparatus and Programmable Logic Controller	92	2	32	Optional
Game Theory	98	2	32	Optional
Startup Introduction for College Students	95.2	2	27	Optional

(Continued on next page)

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2020-2021 SEMESTER 2				
Classical Literature of Ancient China's Ritual Civilization	100	3	47	Optional
2020-2021 SEMESTER 3				
Scientific Writing	87	1	16	Compulsory
The Foundation and Application of Life Science	93	1	16	Compulsory
Lectures on Cultural Attainment	86	1	8Time	Free Elective Course
An Introduction to Chinese Literature	97	1.5	24	Optional
Introduction to Innovation and Entrepreneurship	96	2	16	Optional
Introduction to Life Science	95	2	32	Optional
Introduction to Lighting Systems	90	1	16	Optional

(Continued on next page)

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2020-2021 SEMESTER 3				
Electrochemical Energy Conversion and Storage	90	1	16	Optional
Electrical Intelligence Drives the Future-Lecture Series	93	1	16	Optional
Electrical Intelligence Drives the Future-Lecture Series 2	93	1	16	Optional
2021-2022 SEMESTER 1				
Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	86	1	16	Compulsory
Curriculum Design of Electronic Technology A	90	2	2Week	Compulsory
Engineering Training (Metalworking Practice) C	82.1	2	2Week	Compulsory
Principle and Application of Embedded System	79.9	3	48	Compulsory

(Continued on next page)

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2021-2022 SEMESTER 1				
Fundamentals of Electrical Engineering	87.7	3	48	Compulsory
Automatic Control Theory	66.7	3.5	56	Compulsory
Electric Machinery	73	4.5	72	Compulsory
Self Promotion and Self-management	94	1.5	24	Optional
New Frontier of Science: Chaos and Fractal	89	1.5	24	Optional
Broadcasting and Hosting Art	95	2	32	Optional
The Senior Electronics Comprehensive Experiment	90	2	48	Optional
Entrepreneurial Guidance - Face to Face with Entrepreneurs	98.6	2	28	Optional
Introduction to Logic	99.7	3	46	Optional
2021-2022 SEMESTER 2				
Practice of Scientific Writing	81	0.5	0	Compulsory

(Continued on next page)

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2021-2022 SEMESTER 2				
Course Design of Electrical Engineering Major Basis	91	1	1Week	Compulsory
Engineering Training (Electronic Process Practice)	67	2	2Week	Compulsory
Signal and System	79.7	2.5	40	Compulsory
Power Electronics	63	3.5	56	Compulsory
Electric Power System Relay Protection	61.7	2.5	40	Major Compulsory
Power System Analysis	71.6	3.5	56	Major Compulsory
Appreciation of Greek Mythology	88	1.5	24	Optional
Marketing Practice	91	1.5	24	Optional
Modern World's Political Structure and International Relationships	91	1.5	24	Optional

(Continued on next page)

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2021-2022 SEMESTER 2				
An Exploration to the Original Spirit of Western Philosophy	99.7	2.5	43	Optional
Public Crisis Management	88	2.5	37	Optional
2021-2022 SEMESTER 3				
Smart Phone and China's Semiconductor Industry Upgrade	88	1	16	Optional
Time Value of Money in Life	100	2	32	Optional
Power Electronics as the Key Technology for the Grid Integration of Renewable Energy Systems	85	1	16	Optional
Fundamentals of Electrical Engineering B	86	1	16	Optional

(Continued on next page)

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2022-2023 SEMESTER 1				
Curriculum Design of Specialty	73	2	2Week	Compulsory
Production Practice	77	3	3Week	Compulsory
Electromagnetic Compatibility Foundation	80	1	16	Major Compulsory
Renewable Energy Generation	86.4	1	16	Major Compulsory
Gas Discharge Technology and Applications	86	1.5	24	Major Compulsory
Modeling and Simulation of Power System	82	2	32	Major Compulsory
Electric System of Power Plant	63.8	2	32	Major Compulsory
2022-2023 SEMESTER 2				
Physique Health Test	Pass	4	0	Compulsory
Graduation Design (Thesis)	88.4	12	12Week	Compulsory

The Academic Transcript listed above is considered authentic.

(the following empty)

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哈爾濱工業大學
HARBIN INSTITUTE OF TECHNOLOGY

本科生成绩单

学生姓名:	顾以湛	性　　别:	男
出生日期:	2001-08-15	学　　号:	1190100310
院　(系):	电气工程及自动化学院	专　　业:	电气工程及其自动化
入学时间:	2019 年 8 月	毕业时间:	2023 年 6 月
毕业学位结论:	毕业-授予	学位授予时间:	2023 年 6 月
毕业证书编号:	102131202305001403	学位证书编号:	1021342023001403
备　　注:	2023 年 3 月～2023 年 6 月在美国加州大学圣地亚哥分校交流学习		

学期	课程名称	学时	学分	类别	成绩
19秋	体育	32	1.0	必修	70
	高级英语口语	32.0	1.5	必修	90.8
	大学化学 C	32	2.0	必修	81.7
	大学计算机-计算思维导论 B	40	2.5	必修	77.1
	思想道德修养和法律基础	40	2.5	必修	72
	军训及军事理论	3 周	3.0	必修	83
	现代工程制图技术	56	3.5	必修	77.5
	代数与几何 B	64	4.0	必修	86
	微积分 B(1)	88	5.5	必修	90
	哲学导论	24	1.5	任选	93
	太极文化与功法实践	32	2.0	任选	92
20春	文献检索	12	0.5	必修	82.8
	形势与政策（1）	8	0.5	必修	92
	体育	32	1.0	必修	80
	走进澳新文化	36	1.5	必修	90.3
	思想政治理论实践课	8	2.0	必修	84.3
	电路 E(1)	32	2.0	必修	75.5
	中国近现代史纲要	40	2.5	必修	90
	C 语言程序设计 A	48	3.0	必修	88
	微积分 B(2)	88	5.5	必修	92
	大学物理 B(1)	88	5.5	必修	65.2
	西方著名哲学家	16	1.0	任选	98
	移动改变生活——5G 的前世今生	24	1.5	任选	83.1
	民族器乐表演	32	2.0	任选	97
20夏	航天与自动化大类专业导论	24	1.5	必修	88
	大学生心理健康	16	1.0	任选	92.4
	西方美术导论	16	1.0	任选	90

学期	课程名称	学时	学分	类别	成绩
20夏	生命安全与救援	32	2.0	任选	93.5
	管理的技术	32	2.0	任选	89
	基本乐理	32	2.0	任选	93
	交叉学科数学建模导引与实践	32	2.0	任选	86
20秋	电路实验 A(1)	18	0.5	必修	76
	体育	16	0.5	必修	76
	模拟电子技术实验	21	1.0	必修	95
	高级英语词汇	36	1.5	必修	90
	大学物理实验 A(1)	33	1.5	必修	88
	概率论与数理统计 C	48	3.0	必修	68.5
	复变函数与积分变换	48	3.0	必修	82
	电路 E(2)	64	4.0	必修	90
	模拟电子技术基础 A	64	4.0	必修	60
	毛泽东思想和中国特色社会主义理论体系概论	64	4.0	必修	83
	大学物理 B(2)	64	4.0	必修	82
	中西方歌唱发音训练与舞台表演技巧	32	2.0	任选	96.1
	美国政治概论	50	3.0	任选	99.1
21春	电路实验 A(2)	18	0.5	必修	91
	数字电子技术实验	18	0.5	必修	85
	形势与政策（2）	8	0.5	必修	88
	体育	16	0.5	必修	70
	大学物理实验 A(2)	27	1.0	必修	81
	托福听说	36	1.5	必修	86.5
	电磁场	48	3.0	必修	86.5
	数字电子技术基础 B	48	3.0	必修	68
	机械学基础 C	48	3.0	必修	85
	马克思主义基本原理概论	48	3.0	必修	73

学期	课程名称	学时	学分	类别	成绩
21春	基于磁耦合谐振的智能车无线充电	24	1.0	任选	90
	高情商沟通——教你正确使用积极语言	16	1.0	任选	90.8
	沟通素养与技能	24	1.5	任选	89
	电器与可编程控制器应用技术	32	2.0	任选	92
	策略思维——带你走进博弈的奇妙世界	32	2.0	任选	98
	大学生创业导论	27	2.0	任选	95.2
	中国古代礼义文明——礼学经典	47	3.0	任选	100
21夏	科技写作	16	1.0	必修	87
	生命科学基础与应用	16	1.0	必修	93
	文化素质教育系列讲座	8 次	1.0	任选	86
	An Introduction to Chinese Literature	24	1.5	任选	97
	创新创业基础课程	32	2.0	任选	96
	生命科学导论	32	2.0	任选	95
	照明驱动技术导论	16	1.0	选修	90
	电化学能量转换与存储	16	1.0	选修	90
	电气智慧,驱动未来-系列讲座	16	1.0	选修	93
	电气智慧,驱动未来-系列讲座 2	16	1.0	选修	93
21秋	习近平新时代中国特色社会主义思想专题辅导	16	1.0	必修	86
	电子技术课程设计 A	2 周	2.0	必修	90
	工程训练（金工实习）C	2 周	2.0	必修	82.1
	嵌入式系统原理及应用	48	3.0	必修	79.9
	电气工程基础	48	3.0	必修	87.7
	自动控制理论	56	3.5	必修	66.7
	电机学	72	4.5	必修	73
	自控力提升与自我管理	24	1.5	任选	94
	科学的新疆界：混沌与分形	24	1.5	任选	89
	播音与主持艺术	32	2.0	任选	95
	高级电子学综合实验	48	2.0	任选	90
	创业导引——与创业名家面对面	28	2.0	任选	98.6
	逻辑学概论	46	3.0	任选	99.7
22春	科技写作实践		0.5	必修	81

学期	课程名称	学时	学分	类别	成绩
22春	专业课程设计 I	1 周	1.0	必修	91
	工程训练（电子工艺实习）	2 周	2.0	必修	67
	信号与系统	40	2.5	必修	79.7
	电力电子技术	56	3.5	必修	63
	电力系统继电保护	40	2.5	限选	61.7
	电力系统分析	56	3.5	限选	71.6
	希腊神话欣赏	24	1.5	任选	88
	市场营销	24	1.5	任选	91
	当代世界经济与国际关系	24	1.5	任选	91
	西方哲学精神探源	43	2.5	任选	99.7
	公共危机管理	37	2.5	任选	88
22夏	智能手机与中国半导体产业升级	16	1.0	任选	88
	生活中的货币时间价值	32	2.0	任选	100
	可再生能源并网的关键电力电子技术	16	1.0	选修	85
	电气工程基础 B	16	1.0	选修	86
22秋	专业课程设计 II	2 周	2.0	必修	73
	生产实习	3 周	3.0	必修	77
	电磁兼容基础	16	1.0	限选	80
	新能源发电与并网	16	1.0	限选	86.4
	气体放电技术及其应用	24	1.5	限选	86
	电力系统建模与仿真	32	2.0	限选	82
	发电厂电气系统	32	2.0	限选	63.8
23春	体质健康测试		4.0	必修	合格
	毕业设计	12 周	12.0	必修	88.4

…… 以下空白 ……

成绩记载方法说明	1. 百分制：（0-100）； 2. 合格制：（合格为 60-100，不合格为 60 以下）。
完成总学分	232

制表：成绩自助打印系统　　制表日期：2023 年 6 月 19 日　　哈尔滨工业大学教务处

哈爾濱工業大學

HARBIN INSTITUTE OF TECHNOLOGY

Academic Transcript for Bachelor Study

Name	Gu Yizhan	Sex	male	Date of Birth	Aug.15,2001
Student ID	1190100310	Period of Study			Aug.,2019~Jun.,2023
School/Department	Electrical Engineering and Automation				
Major	Electrical Engineering and Automation				
Degree	Bachelor of Engineering	Degree Conferring Date			Jun.,2023
Graduate Certificate No.	102131202305001403	Degree Certificate No.			1021342023001403
Remark	Studied in University of California, San Diego Mar. 2023-Jun. 2023				

Term	Course	Hour/ Credit	Score
2019 Fall	Physical Education	32/1.0	70
	Advanced English Speaking	32.0/1.5	90.8
	University Chemistry C	32/2.0	81.7
	College Computer-Introduction to Computing Thinking B	40/2.5	77.1
	Ideological and Moral Self-cultivation & Fundamentals of Law	40/2.5	72
	Military Training and Theories	3 weeks /3.0	83
	Modern engineering drawing technology	56/3.5	77.5
	Linear Algebra and Analytic Geometry	64/4.0	86
	Calculus B(1)	88/5.5	90
	Introduction to Philosophy	24/1.5	93
	Taiji Culture and Practice	32/2.0	92
2020 Spring	Literature Retrieval	12/0.5	82.8
	Situation and Policy（1）	8/0.5	92
	Physical Education	32/1.0	80
	Introduction to Australian and New Zealand Culture	36/1.5	90.3
	Practicum on Ideological and Political Theories	8 /2.0	84.3
	Electric Circuit E(1)	32 /2.0	75.5
	Compendium of Chinese Modern and Contemporary History	40/2.5	90
	C Programming Language A	48/3.0	88
	Calculus B(2)	88/5.5	92
	College Physics B(1)	88/5.5	65.2
	Famous Western Philosophers	16/1.0	98
	Mobile Changes Life——5Gs Past and Present Life	24 /1.5	83.1
	National Musical Instrument Performance	32/2.0	97
2020 Summer	Introduction to Disciplines of Astronautics and Automation	24 /1.5	88
	Mental Health of College Students	16/1.0	92.4
	Introduction to Western Art	16/1.0	90

Term	Course	Hour/ Credit	Score
2020 Summer	Life Safety and Rescue	32/2.0	93.5
	Management Technology	32/2.0	89
	Basic Music Theory	32/2.0	93
	Guidance?and?Practice?of?Interdisciplinary?Mathematical?Modeling	32/2.0	86
2020 Fall	Electric Circuit Experiment A（1）	18/0.5	76
	Physical Education	16/0.5	76
	Analog Electronics Experiments	21/1.0	95
	Advanced English Vocabulary	36/1.5	90
	College Physics Experiments A(1)	33/1.5	88
	Probability theory and mathematical statistics C	48/3.0	68.5
	Complex Function and Integral Transformation	48/3.0	82
	Electric Circuit E(2)	64 /4.0	90
	Fundamentals of Analog Electronics A	64/4.0	60
	Introduction to MaoZeDong Thought and the socialism theory of China characteristics system	64/4.0	83
	College Physics B(2)	64/4.0	82
	Chinese and Western Singing Voice Training and Stage Performance Skills	32/2.0	96.1
	Introduction to American Politics	50/3.0	99.1
2021 Spring	Electric Circuit Experiment A（2）	18/0.5	91
	Digital Electronics Experiments	18/0.5	85
	Situation and Policy（2）	8/0.5	88
	Physical Education	16/0.5	70
	College Physics Experiments A(2)	27/1.0	81
	Listening and Speaking for TOEFL	36/1.5	86.5
	Electromagnetic Fields	48/3.0	86.5
	Fundamentals of Digital Electronics B	48/3.0	68
	MECHANICS BASE C	48/3.0	85
	Basic Principles of Marxist Philosophy	48/3.0	73

Term	Course	Hour/ Credit	Score
2021 Spring	Wireless Charging of Smart Car Based on Magnetic Resonant Coupling	24/1.0	90
	High EQ Communication - How to Use Positive Language	16/1.0	90.8
	Communication Literacy and Skills	24/1.5	89
	Applications for Electrical Apparatus and Programmable Logic Controller	32/2.0	92
	Game Theory	32/2.0	98
	Startup Introduction for College Students	27/2.0	95.2
	Classical Literature of Ancient China's Ritual Civilization	47/3.0	100
2021 Summer	Scientific Writing	16/1.0	87
	The foundation and application of life science	16/1.0	93
	Lectures on Cultural Attainment	8 Lec. /1.0	86
	An Introduction to Chinese Literature	24/1.5	97
	Introduction to Innovation and Entrepreneurship	32/2.0	96
	Introduction to Life Science	32/2.0	95
	Introduction to Lighting Systems	16/1.0	90
	Electrochemical Energy Conversion and Storage	16/1.0	90
	Electrical Intelligence Drives the Future-Lecture Series	16/1.0	93
	Electrical Intelligence Drives the Future-Lecture Series 2	16/1.0	93
2021 Fall	Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	16/1.0	86
	Curriculum Design of Electronic Technology A	2 weeks /2.0	90
	Engineering Training (Metalworking Practice) C	2 weeks /2.0	82.1
	Principle and Application of Embedded System	48/3.0	79.9
	Fundamentals of Electrical Engineering	48/3.0	87.7
	Automatic Control Theory	56/3.5	66.7
	Electric Machinery	72/4.5	73
	Self Promotion and Self-management	24/1.5	94
	New Frontier of Science: Chaos and Fractal	24/1.5	89
	Broadcasting and Hosting Art	32/2.0	95
	The Senior Electronics Comprehensive Experiment	48/2.0	90
	Entrepreneurial Guidance -- Face to Face with Entrepreneurs	28/2.0	98.6
	Introduction to Logic	46/3.0	99.7
2022 Spring	Practice of Scientific Writing	/0.5	81
2022 Spring	Course Design of Electrical Engineering Major Basis	1 week /1.0	91
	Engineering Training (Electronic process practice)	2 weeks /2.0	67
	Signal and system	40/2.5	79.7
	POWER ELECTRONICS	56/3.5	63
	Electric Power System Relay Protection	40/2.5	61.7
	Power System Analysis	56/3.5	71.6
	Appreciation of Greek Mythology	24/1.5	88
	Marketing Practice	24/1.5	91
	Modern World's Political Structure and International Relationships	24/1.5	91
	An Exploration to The Original Spirit of Western Philosophy	43/2.5	99.7
	Public Crisis Management	37/2.5	88
2022 Summer	Smart Phone and China's Semiconductor Industry Upgrade	16/1.0	88
	Time value of money in life	32/2.0	100
	Power Electronics as the Key Technology for the Grid Integration of Renewable Energy Systems	16/1.0	85
	Fundamentals of Electrical Engineering B	16/1.0	86
2022 Fall	Curriculum design of specialty	2 weeks /2.0	73
	Production Practice	3 weeks /3.0	77
	Electromagnetic compatibility foundation	16 /1.0	80
	Renewable Energy Generation	16 /1.0	86.4
	Gas discharge technology and applications	24 /1.5	86
	Modeling and Simulation of Power System	32 /2.0	82
	Electric System of Power Plant	32 /2.0	63.8
2023 Spring	Physique Health Test	/4.0	Pass
	Graduation Design (Thesis)	12 weeks /12.0	88.4

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HARBIN INSTITUTE OF TECHNOLOGY 哈尔滨工业大学 成绩证明专用章 Achievements Certification

Grade System	1.percentage scale: 0-100; 2.pass/not pass scale: 60-100,'pass'; lower than 60,'not passed'.
Total credits	232

Registrar: Self-help Print System　　Teaching Affairs Office　　Date: Jun.09,2023