



山东科技大学

SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

学习成绩排名证明

兹证明 王泽楷，性别 男，学号 201903203219，身份证号 370481200107110016，现为山东科技大学 电气信息 学院(系) 通信工程 专业 2019 级本科生，前 8 学期所有专业课加权平均分为 90.38，排名第 1 名，本专业共 96 人。

该专业是我校与澳大利亚塔斯马尼亚大学合作举办，成绩单中 Engineering Design and Build A、Digital Electronics II、Analog Electronics II、Control Systems I、Communication Systems、Electrical Machines and Transformers 均为塔斯马尼亚大学教学课程，王泽楷同学获得的分数分别为 90/100、90/100、86/100、91/100、72/100、74/100，具体内容见成绩单。

特此证明。

Score Rank Certificate

This is to certify that Wang Zekai, male, Student No. 201903203219, ID No. 370481200107110016, in the undergraduate program at Shandong University of Science and Technology. He has been majoring in Telecommunications Engineering from 2019 to 2023. The weighted average score of his major courses is 90.38/100, ranking 1/96.

His major is a program cooperated with University of Tasmania in Australia. Courses named Engineering Design and Build A, Digital Electronics II, Analog Electronics II, Control Systems I, Communication Systems, Electrical Machines and Transformers are held by University of Tasmania. He achieved 90/100, 90/100, 86/100, 91/100, 72/100, and 74/100 separately. Please refer to the transcript for details.

Hereby certify.

Signature of Instructor: 马加

Signature of Deputy Director of Teaching: 朱其

College (department) seal:



山东科技大学学业及学分绩点成绩单



学号	201903203219					学院	电气信息系				班号	2019032032					
姓名	王泽楷					专业	通信工程*				班名	通信工程*2019-2					
课程名称		性质	学分	成绩	绩点	课程名称		性质	学分	成绩	绩点	课程名称		性质	学分	成绩	绩点
2019-2020学年 第 1 学期						工程数学(线性代数)		必修	2	99	4.9	Python程序设计		公选	2	85	3.5
人生与人心		公选	1	65	1.5	Electrical Machines and Transformers		必修	2	74	2.4	程序设计C(双语)		必修	2	95.0	4.5
有效沟通技巧		公选	1	100	5	Engineering Design and Build A		必修	2	90	4	2021-2022学年 第 2 学期					
基础英语		必修	7	72	2.2	模电数电实验课(2-1)		必修	0	优	4.5	区块链技术与应用		公选	1	100	5
入学教育、军训		必修	0	92	4.2	模拟电子1(双语)		必修	3	97	4.7	数学建模		公选	2	优	4.5
军事理论		公选	1	73	2.3	MATLAB工程应用		公选	2	92	4.2	Control Systems I		必修	2	91	4.1
形势与政策(4-1)		必修	0.5	71	2.1	2020-2021学年 第 2 学期						通信原理实验课		必修	1	优	4.5
工程制图(CAD)		选修	2	70	2	学术英语(3-3)		必修	6	90#	2.7	生产实习		必修	2	优	4.5
体育(4-1)		必修	1	78	2.8	形势与政策(4-4)		必修	0.5	90	4	通信原理课程设计		必修	2	优	4.5
思想道德修养与法律基础		必修	3	64	1.4	思想政治理论课综合实践		必修	2	优	4.5	网络安全		选修	2	78	2.8
高等数学(2-1)		必修	5	81	3.1	体育(4-4)		必修	1	65	1.5	DSP设计与应用		选修	2	90	4
通信工程专业导论		选修	1	良	3.5	毛泽东思想和中国特色社会主义理论体系概论		必修	3	77	2.7	随机信号分析基础		选修	2	97	4.7
程序设计(C)		必修	3	63	1.3	概率论与数理统计		必修	3	96	4.6	微波技术与天线		选修	2	90	4
2019-2020学年 第 2 学期						工程数学(复变函数与积分变换)		必修	2	95	4.5	通信原理		必修	3	94	4.4
人力资源管理：基于创新创业视角		公选	1	93.58	4.4	Analog Electronics II		必修	2	86	3.6	2022-2023学年 第 1 学期					
石文化与宝玉石鉴赏		公选	2	81.45	3.1	Digital Electronics II		必修	2	90	4	创新创业实践		必修	2	优	4.5
学术英语(3-1)		必修	7	85	3.5	高频电子线路实验课		必修	1	优	4.5	创业人生		公选	1	100	5
大学生职业生涯规划		公选	1	75	2.5	通信电路课程设计		必修	1	优	4.5	创新中国		公选	1	99.3	4.9
形势与政策(4-2)		必修	0.5	75	2.5	模电数电实验课(2-2)		必修	1	优	4.5	走近核科学技术		公选	1	99.5	4.9
物理实验(2-1)		必修	1	95	4.5	高频电子线路		必修	3	72	2.2	Networking and Antennas		必修	2	66	1.6
体育(4-2)		必修	1	98	4.8	数字电子 I		必修	2	91	4.1	现代通信技术基础实验课		必修	1	良	3.5
大学物理(2-1)		必修	2	100	5	2021-2022学年 第 1 学期						通信系统设计		必修	2	优	4.5
中国近现代史纲要		必修	3	76	2.6	数字图像处理		公选	1	84.74	3.5	数字图像处理		选修	2	86	3.6
高等数学(2-2)		必修	5	90	4	信号与线性系统实验课		必修	1	优	4.5	现代移动通信系统		选修	3	96	4.6
电路分析基础		必修	4	96	4.6	计算机与数据网络实验课		必修	1	优	4.5	现代交换技术		必修	2	90	4
2020-2021学年 第 1 学期						数字信号处理实验课		必修	1	优	4.5	现代通信技术基础		必修	2	90	4
生命智能		公选	1	100	5	通信工程认识实习		必修	1	优	4.5	2022-2023学年 第 2 学期					
大脑的奥秘：神经科学导论		公选	1	99.65	5.0	电子工艺实习		必修	1	良	3.5	从草根到殿堂：流行音乐导论		公选	1	97.01	4.7
学术英语(3-2)		必修	6	90#	2.1	数据结构与算法(C语言)		选修	3	90	4	犯罪与文明		公选	1	97.45	4.7
形势与政策(4-3)		必修	0.5	83	3.3	Communication Systems		必修	2	72	2.2	星海求知：天文学的奥秘		公选	1	99.22	4.9
物理实验(2-2)		必修	1	优	4.5	计算机与数据网络		必修	2	90	4	毕业设计		必修	12	优	4.5
体育(4-3)		必修	1	78	2.8	数字信号处理		必修	2	92	4.2	毕业实习		必修	4	优	4.5
大学物理(2-2)		必修	3	98	4.8	信号与线性系统(双语)		必修	3	95	4.5	以 下 空 白					
马克思主义基本原理		必修	3	90	4	电磁场		必修	2	99	4.9						
已取得总学分		其中包括		必修学分		选修学分		公选学分		历史平均成绩		历史平均学分绩点					
193.00				151.00		19.00		23.00		88.75		3.72					

备注：补考/重修/认定课程成绩加“#”标记

Transcripts of Shandong University of Science and Technology



St.ID.	201903203219					College						Class No.	2019032032				
Name	WangZeKai					Specialty	Telecommunications Engineering					Class Name	Communications Engineering 2019-2				
Course Name		Course Type	Credits	Score	GPA	Course Name		Course Type	Credits	Score	GPA	Course Name		Course Type	Credits	Score	GPA
Fall Term 2019-2020						Basic Principles of Marxism		Compulsory	3.0	90	4.0	Signals and Linear Systems (Bilingual)		Compulsory	3.0	95	4.5
Human Life and Human Nature		Public Elective	1.0	65	1.5	Engineering Mathematics (Linearity Algebra)		Compulsory	2.0	99	4.9	Electromagnetic Field Theory		Compulsory	2.0	99	4.9
Effective Communication Skills		Public Elective	1.0	100	5.0	Electrical Machines and Transformers		Compulsory	2.0	74	2.4	Python Programming		Public Elective	2.0	85	3.5
Basic English		Compulsory	7.0	72	2.2	Engineering Design and Build A		Compulsory	2.0	90	4.0	Advanced C Programming Language(Bilingual)		Compulsory	2.0	95.0	4.5
Matriculation Education; Military Training		Compulsory		92	4.2	Analog Electronics and Digital Electronics Experiments(2-1)		Compulsory		Excellent	4.5	Spring Term 2021-2022					
Military Theory		Public Elective	1.0	73	2.3	Analog Electronics 1 (Bilingual)		Compulsory	3.0	97	4.7	Blockchain Technology and Application		Public Elective	1.0	100	5.0
Situation and Policy(4-1)		Compulsory	0.5	71	2.1	MATLAB and its Engineering Application		Public Elective	2.0	92	4.2	Mathematical Modeling		Public Elective	2.0	Excellent	4.5
Engineering Drawing(CAD)		Elective	2.0	70	2.0	Spring Term 2020-2021						Control Systems I		Compulsory	2.0	91	4.1
Physical Education(4-1)		Compulsory	1.0	78	2.8	Academic English(3-3)		Compulsory	6.0	90#	2.7	Principles of Communication Labs		Compulsory	1.0	Excellent	4.5
Ideological and Moral Cultivation and Legal Basis		Compulsory	3.0	64	1.4	Situation and Policy(4-4)		Compulsory	0.5	90	4.0	Production Practice		Compulsory	2.0	Excellent	4.5
Advanced Mathematics(2-1)		Compulsory	5.0	81	3.1	The Comprehensive Practice of Ideological and Political Theory Course		Compulsory	2.0	Excellent	4.5	Course Project of Communication Principles		Compulsory	2.0	Excellent	4.5
Introduction to Communication Engineering		Elective	1.0	Good	3.5	Physical Education(4-4)		Compulsory	1.0	65	1.5	Network Security		Elective	2.0	78	2.8
Programming and Problem Solving C		Compulsory	3.0	63	1.3	The Introduction to MAO Ze-Dong Thought and the Theoretical System of Socialism with Chinese		Compulsory	3.0	77	2.7	DSP and Application		Elective	2.0	90	4.0
Spring Term 2019-2020						Probability and Statistics		Compulsory	3.0	96	4.6	Stochastic Process		Elective	2.0	97	4.7
Human Resource Management : Based on the Perspective of Innovation and Entrepreneurship		Public Elective	1.0	93.58	4.4	Engineering Mathematics (Complex Function &Integral Transformation)		Compulsory	2.0	95	4.5	Microwave Technology & Antenna		Elective	2.0	90	4.0
Appreciation of Gems and Jades Culture		Public Elective	2.0	81.45	3.1	Analog Electronics II		Compulsory	2.0	86	3.6	Principles of Communication		Compulsory	3.0	94	4.4
Academic English(3-1)		Compulsory	7.0	85	3.5	Digital Electronics II		Compulsory	2.0	90	4.0	Fall Term 2022-2023					
Career Development of College Students		Public Elective	1.0	75	2.5	Labs-High Frequency Electronic Circuits		Compulsory	1.0	Excellent	4.5	Innovation and Entrepreneurship Practice		Compulsory	2.0	Excellent	4.5
Situation and Policy(4-2)		Compulsory	0.5	75	2.5	Course Project of Communication Circuits		Compulsory	1.0	Excellent	4.5	Life for Entrepreneurship		Public Elective	1.0	100	5.0
Physics Experiments(2-1)		Compulsory	1.0	95	4.5	Analog Electronics and Digital Electronics Experiments(2-2)		Compulsory	1.0	Excellent	4.5	Innovative China		Public Elective	1.0	99.3	4.9
Physical Education(4-2)		Compulsory	1.0	98	4.8	High Frequency Electronic Circuits		Compulsory	3.0	72	2.2	Approaching Nuclear Science and Technology		Public Elective	1.0	99.5	4.9
College Physics(2-1)		Compulsory	2.0	100	5.0	Digital Electronics 1		Compulsory	2.0	91	4.1	Networking and Antennas		Compulsory	2.0	66	1.6
The Outline of Modern Chinese History		Compulsory	3.0	76	2.6	Fall Term 2021-2022						Labs-Modern Communication Technology		Compulsory	1.0	Good	3.5
Advanced Mathematics(2-2)		Compulsory	5.0	90	4.0	Digital Image Processing		Public Elective	1.0	84.74	3.5	Course Project of Communication System Design		Compulsory	2.0	Excellent	4.5
Circuit Theory		Compulsory	4.0	96	4.6	Labs-Signals and Linear Systems		Compulsory	1.0	Excellent	4.5	Digital Image Processing		Elective	2.0	86	3.6
Fall Term 2020-2021						Labs-Computer and Data Network		Compulsory	1.0	Excellent	4.5	Modern Mobile Communication System		Elective	3.0	96	4.6
Life Intelligence		Public Elective	1.0	100	5.0	Labs-Digital Signal Processing		Compulsory	1.0	Excellent	4.5	Modern Switching Technology		Compulsory	2.0	90	4.0
The Mystery of Cerebrum: Introduction of Neuroscience		Public Elective	1.0	99.65	5.0	Practice of Communications Engineering		Compulsory	1.0	Excellent	4.5	Modern Communication Technology		Compulsory	2.0	90	4.0
Academic English(3-2)		Compulsory	6.0	90#	2.1	Practice of Electronic Product		Compulsory	1.0	Good	3.5	Spring Term 2022-2023					
Situation and Policy(4-3)		Compulsory	0.5	83	3.3	Data Structure and Algorithm		Elective	3.0	90	4.0	from Grassroots to Palace: Introduction to Popular Music		Public Elective	1.0	97.01	4.7
Physics Experiments(2-2)		Compulsory	1.0	Excellent	4.5	Communication Systems		Compulsory	2.0	72	2.2	Crime and Civilization		Public Elective	1.0	97.45	4.7
Physical Education(4-3)		Compulsory	1.0	78	2.8	Computer and Data Network		Compulsory	2.0	90	4.0	Explore the Universe: the Mystery of Astronomy		Public Elective	1.0	99.22	4.9
College Physics(2-2)		Compulsory	3.0	98	4.8	Digital Signal Processing		Compulsory	2.0	92	4.2	Graduation Design		Compulsory	12.0	Excellent	4.5
Credit Total		Composed of	Compulsory Credits			Elective Credits			Public Elective Credits			Score Average			GPA Average		
193.00			151.00			19.00			23.00			88.75			3.72		

Note: mark the score of the make-up examination or restudy course with a hash (#); the score of the recognized course with an asterisk (*)

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St.ID.	201903203219					College						Class No.	2019032032				
Name	WangZeKai					Specialty	Telecommunications Engineering					Class Name	Communications Engineering 2019-2				
Course Name		Course Type	Credits	Score	GPA	Course Name		Course Type	Credits	Score	GPA	Course Name		Course Type	Credits	Score	GPA
Graduation Practice		Compulsory	4.0	Excellent	4.5												
Blank																	