

TSINGHUA UNIVERSITY

ACADEMIC TRANSCRIPT

Student Name Wang Zhi

Gender Male **Student No.** 2020010699 **Student Type** Undergraduate **Date of Admission** September,2020

School/Department Department of Electronic Engineering **Major** Electronic Information Science and Technology

Course Number	Course Title	Credit	Grade	Point	Year-Semester
00750011	An Introduction to the Library	1	P	N/A	2020-Autumn
00920031	Inquiries of Heaven: the Beautiful Universe	1	B	3.3	2020-Autumn
02070071	Mental Training and Latent Ability Developing	1	B+	3.6	2020-Autumn
02070191	The Group Training of University Students Grow Up	1	B+	3.6	2020-Autumn
10421055	Calculus A(1)	5	B	3.3	2020-Autumn
10421324	Linear Algebra	4	B+	3.6	2020-Autumn
10610183	Ideological Moral and Legal Education	3	B+	3.6	2020-Autumn
10691342	Writing and Communication	2	B+	3.6	2020-Autumn
10720011	Physical Education(1)	1	A-	4.0	2020-Autumn
12090052	Military Theory	2	B	3.3	2020-Autumn
14201112	English for Academic Purposes (B)Spoken Communication	2	A	4.0	2020-Autumn
30230672	Computer Program Design (1)	2	B+	3.6	2020-Autumn
40420393	Discrete Mathematics	3	B+	3.6	2020-Autumn
S1510021	Exploration to Scientific Research of Lab1	1	P	N/A	2020-Autumn
01510162	Experience of Manufacturing Engineering	2	A-	4.0	2021-Spring
02070012	Introduction to the Communist Party of China	2	P	N/A	2021-Spring
10421065	Calculus A(2)	5	C+	2.6	2021-Spring
10430934	Physics for Scientists and Engineers A(1)	4	B-	3.0	2021-Spring
10610193	Outline of Modern Chinese History	3	A-	4.0	2021-Spring
10680011	Situation and Policy	1	A-	4.0	2021-Spring
10720021	Physical Education(2)	1	B	3.3	2021-Spring
14201082	English for Academic Purposes (A): Research Paper Writing	2	A-	4.0	2021-Spring
20230271	Basic Experiments for Electronic Circuits and Systems (1)	1	B-	3.0	2021-Spring
30230812	Fundamentals of Electronic Circuits and System I	2	B-	3.0	2021-Spring
30230931	Introduction of Electronic Information Science and Technology(1)	1	B	3.3	2021-Spring
12090062	Military Skills	2	B+	3.6	2021-Summer
20230292	Project Design and Making of Electronic System	2	B-	3.0	2021-Summer
30230683	Computer Program Design(2)	3	A-	4.0	2021-Summer
01550013	Synthetical Practice of Electronics System Design	3	A-	4.0	2021-Autumn
10421133	Functions of Complex Variables and Equations of Mathematical Physics	3	B+	3.6	2021-Autumn
10430801	Lab. of Physics B(1)	1	B+	3.6	2021-Autumn
10430944	Physics for Scientists and Engineers A(2)	4	B+	3.6	2021-Autumn
10610204	Principle of Marxist Philosophy	4	B+	3.6	2021-Autumn
10720031	Physical Education(3)	1	B+	3.6	2021-Autumn
20230253	Data and Algorithm	3	B	3.3	2021-Autumn
20230281	Basic Experiments for Electronic Circuits and Systems 2	1	A-	4.0	2021-Autumn
30230822	Fundamentals of Electronic Circuits and System II	2	B-	3.0	2021-Autumn
30510123	Accounting Principles	3	C+	2.6	2021-Autumn
30510833	Principles of Economics(1)	3	B+	3.6	2021-Autumn
10430811	Lab. of Physics B(2)	1	A	4.0	2022-Spring
10680022	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	2	A	4.0	2022-Spring

Total Credits: 177.0 **GPA:** 3.40

Date of Graduation: *****

Degree Conferred: *****

Director of Registrar's Office:

刘沐

Official Seal:

Date Printed: November 6, 2024

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Course Number	Course Title	Credit	Grade	Point	Year-Semester
10680032	Introduction to MaoZedong Thought and the Theoretical System of Socialism with Chinese Characterist1	2	A-	4.0	2022-Spring
10720041	Physical Education(4)	1	A	4.0	2022-Spring
30230104	Signals and Systems	4	C+	2.6	2022-Spring
30230303	Electromagnetic Fields and Waves	3	B-	3.0	2022-Spring
30230742	Probability and Stochastic Processes (1)	2	B+	3.6	2022-Spring
30230793	Fundamental of digital logic and processor	3	B-	3.0	2022-Spring
30510803	Principles of Economics(2)	3	B	3.3	2022-Spring
30511053	Corporate Finance	3	P	N/A	2022-Spring
40511802	Entrepreneurial Management	2	A-	4.0	2022-Spring
40231223	Media and Cognition	3	W	N/A	2022-Spring
10680042	Introduction to MaoZedong Thought and the Theoretical System of Socialism with Chinese Characterist2	2	P	N/A	2022-Summer
20230242	Advanced Matlab Programming and Its Application	2	A	4.0	2022-Summer
30230711	physical electronics foundation laboratory	1	B+	3.6	2022-Summer
30230852	Fundamental Experiment of Digital Logic and Processor	2	A-	4.0	2022-Summer
02070231	Career Development: Job Hunting Training	1	A-	4.0	2022-Autumn
10720110	Physical Education(1)	0	B	3.3	2022-Autumn
14100012	Internet Science & Technology Innovation and Its Industrialization	2	B+	3.6	2022-Autumn
20430094	Quantum Mechanics and Statistical Mechanics	4	C+	2.6	2022-Autumn
30230613	Digital Signal Processing	3	P	N/A	2022-Autumn
30230783	Probability and Stochastic Processes (2)	3	P	N/A	2022-Autumn
30230964	Communications and Networks	4	B-	3.0	2022-Autumn
30230973	Principles of Analog Circuits	3	C+	2.6	2022-Autumn
40231212	Intelligent Robots Design and Implementation	2	A-	4.0	2022-Autumn
00690062	I-go and Chinese Culture	2	P	N/A	2023-Spring
10720120	Physical Education(2)	0	C	2.3	2023-Spring
30230703	Digital Image Processing	3	B	3.3	2023-Spring
30230763	Foundation of Solid State Physics	3	D	1.3	2023-Spring
30230873	Operating System	3	C+	2.6	2023-Spring
40230821	Electromagnetic Field and Microwave Experiment	1	B+	3.6	2023-Spring
40231223	Media and Cognition	3	B	3.3	2023-Spring
10780043	Classic Music in Western Civilization	3	W	N/A	2023-Spring
40231103	Speech Signal Processing	3	W	N/A	2023-Spring
40230475	Production Practical Training	5	A	4.0	2023-Summer
00781892	General History of 20th Century's Chinese Songs	2	A-	4.0	2023-Autumn
10720130	Physical Education(3)	0	P	N/A	2023-Autumn
10780043	Classic Music in Western Civilization	3	B+	3.6	2023-Autumn
14205054	German (Second Foreign Language) (1)	4	B+	3.6	2023-Autumn
30230142	Communication System Laboratory	2	A-	4.0	2023-Autumn
40231282	Intelligent UAV Design and Implementation	2	W	N/A	2023-Autumn
42540473	Beijing Training Program of Innovation and Entrepreneurship for Undergraduates	3	P	N/A	2024-Spring

Total Credits: 177.0 **GPA:** 3.40 **Date of Graduation:** ***** **Degree Conferred:** *****

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KEY TO TRANSCRIPT

I. COURSE NUMBERING SYSTEM

Each course number consists of 8-10 characters.

The first character indicates the course level:

0-4 or H-T, W = undergraduate courses

6-9, A-G or X-Z = graduate courses

II. CREDIT

Credit is reported in terms of semester hours, whether earned during a 16-week semester or a summer session. For 1 unit of credit, either one hour per week is allotted to lecture or discussion, or two hours per week are allotted to laboratory, while more hours are needed for preparation or subsequent reading and study.

III. THE RECORD ENDS WITH *****.

IV. DATE OF GRADUATION and DEGREE CONFERRED

For currently enrolled undergraduates, the columns of DATE OF GRADUATION and DEGREE CONFERRED are *****.

V. GRADING SYSTEMS

a) EFFECTIVE for students who matriculated in spring 2015 and after

(i) Tsinghua University converted to a LETTER GRADING SYSTEM. The table below shows the grades in detail.

(ii) Credits are given for A+, A, A-, B+, B, B-, C+, C, C-, D+, D, P and EX.

(iii) W: Withdrew.

(iv) I: Incomplete. Marked when a student's application is approved for not attending the final exam.

(v) EX: Exemption. Students receive credits for exempted courses.

Grade	Grade Points	Corresponding 100-point Range	Equivalent 100-point value*
A+	4.0	95-100	100
A			98
A-			92
B+	3.6	85-89	87
B	3.3	80-84	82
B-	3.0	77-79	78
C+	2.6	73-76	75
C	2.3	70-72	71
C-	2.0	67-69	68
D+	1.6	63-66	65
D	1.3	60-62	61
F	0	0-59	0
P	N/A	N/A	N/A
F	N/A	N/A	N/A

* For the transition period in 2015-2018 between the 100-point grading system and the letter grading system, Tsinghua has provided a corresponding average of values in the 100-point range of each grade. The equivalent 100-point value for course receiving credits corresponds to the median in the range. Students who matriculated in spring 2019 and after no longer use the equivalent 100-point value.

b) EFFECTIVE for students who matriculated prior to spring 2015

(i) 100-POINT GRADING SYSTEM: Credits are given for 60 points and above.

(ii) PASS/FAIL SYSTEM: Credits are given for PASS.

DISTINCTION (for undergraduates only): Credits are given for DISTINCTION.

(iii) REPEATED COURSES: The transcript displays only the latest result of a repeated course. Repeated courses are designated with an "Rn" code beside the final grade, where "n" indicates the number of times the course was repeated.

VI. GRADING POLICY REFORM 2015-2018

In the ten years prior to spring 2015, 30 percent of A-range grades have been given. From fall 2015, Tsinghua initiated a grading reform: A-range grades (A+, A, A-) were to account for 20 percent of the grades given in all courses. In Spring 2019, the faculty reaffirmed its commitment to fair and transparent assessment and removed its numeric target for the percent of A-range grades.

VII. GPA CALCULATION

$$\text{GPA} = \frac{\sum \text{Course Credit} * \text{Grade Point}}{\sum \text{Course Credit}}$$

GPA is shown for students who matriculated in spring 2015 and after in a 4.0 grading scale. Course grades with N/A (Not Applicable) should not be included in GPA calculation.