

TSINGHUA UNIVERSITY

ACADEMIC TRANSCRIPT

Student Name Yue Ruilong

Gender Male **Student No.** 2015010839 **Student Type** Undergraduate **Date of Admission** August,2015

School/Department Department of Industrial Engineering **Major** Industrial Engineering

Course Number	Course Title	Credit	Grade	Year-Semester
12090043	Military Theory and Skill Training	3	B+	2015-Summer
00690502	Chinese Classical Prose and Essays	2	P	2015-Autumn
10421055	Calculus A(1)	5	B+	2015-Autumn
10421094	Linear Algebra(1)	4	B+	2015-Autumn
10450012	Introduction of Modern Biology	2	B+	2015-Autumn
10610183	Ideological Moral and Legal Education	3	B+	2015-Autumn
10641022	Listening & Speaking for Academic Purposes (2)	2	B	2015-Autumn
10641062	Reading & Writing for Expository Essays	2	A-	2015-Autumn
10720011	Physical Education(1)	1	C-	2015-Autumn
11030013	The Soul of University---The Origins and The Evolution	3	A-	2015-Autumn
20120163	Fundamentals of Machine Design(1)	3	A-	2015-Autumn
00690542	Introduction of Confucianism	2	P	2016-Spring
01510192	How To Start a Startup - Face To Face with Famous Entrepreneurs	2	P	2016-Spring
02070012	Introduction to the Communist Party of China	2	P	2016-Spring
10421065	Calculus A(2)	5	A-	2016-Spring
10421102	Linear Algebra(2)	2	A-	2016-Spring
10430484	Physics for Scientists and Engineers B(1)	4	A	2016-Spring
10610193	Outline of Modern Chinese History	3	B+	2016-Spring
10720021	Physical Education(2)	1	C	2016-Spring
20740073	Programming Fundamentals	3	P	2016-Spring
30160012	Introduction to Industrial Engineering	2	B	2016-Spring
21510123	Manufacturing Process Practice B(Concentrated)	3	A-	2016-Summer
00690793	Writing Classic Chinese Poems	3	A	2016-Autumn
00740123	JAVA and Object-Oriented Programming	3	P	2016-Autumn
10430494	Physics for Scientists and Engineers B(2)	4	A	2016-Autumn
10430782	Lab. of Physics A(1)	2	B+	2016-Autumn
10610204	Principle of Marxist Philosophy	4	B+	2016-Autumn
10641082	Reading & Writing for Reviews	2	A-	2016-Autumn
10720031	Physical Education(3)	1	C+	2016-Autumn
20120193	Fundamentals of Machine Design A(2)	3	B+	2016-Autumn
30160023	Operations Research(1)	3	B	2016-Autumn
30160213	Probability Theory	3	A+	2016-Autumn
00690062	I-go and Chinese Culture	2	P	2017-Spring
03050011	Health and Care	1	P	2017-Spring
10610224	Introduction to Mao Zedong Thoughts and Theoretical System of Socialism with Chinese Characteristic	4	B+	2017-Spring
10720041	Physical Education(4)	1	D+	2017-Spring
20220044	Electrical Engineering and Applied Electronics	4	B+	2017-Spring
30160112	Essentials of Management	2	A-	2017-Spring
30160162	Operations Research(2)	2	B+	2017-Spring
30160192	Data Structure and Algorithm Analysis	2	A-	2017-Spring
30160203	Applied Statistics and Data Analytics	3	A-	2017-Spring
30160234	Human Factors	4	A-	2017-Spring
02070251	Career Planning and development	1	P	2017-Autumn

Total Credits: 149

Date of Graduation: *****

Degree Conferred: *****

Director of Registrar's Office:

尹佳

Official Seal: 业务专用章

Date Printed: November 7, 2018

TSINGHUA UNIVERSITY

ACADEMIC TRANSCRIPT

Student Name Yue Ruilong

Gender Male **Student No.** 2015010839 **Student Type** Undergraduate **Date of Admission** August,2015

School/Department Department of Industrial Engineering **Major** Industrial Engineering

Course Number	Course Title	Credit	Grade	Year-Semester
10641232	Oral Communication for EFL learners	2	B+	2017-Autumn
10720110	Physical Education(1)	0	D+	2017-Autumn
30160152	Engineering Economy	2	A-	2017-Autumn
30160182	Database Concepts	2	A-	2017-Autumn
40160092	Production Planning and Control	2	B+	2017-Autumn
40160573	Introduction to Modern Manufacturing System and Its Experiment	3	B+	2017-Autumn
40160622	Modeling and Simulation	2	A-	2017-Autumn
40160813	Intelligent Engineering Systems	3	A-	2017-Autumn
10720120	Physical Education(2)	0	D	2018-Spring
20240033	Numerical Analysis	3	P	2018-Spring
30160062	Operations Research(3)(Decision Making)	2	A-	2018-Spring
40160203	Quality Control and Management	3	B	2018-Spring
40160442	Experimental Design	2	B+	2018-Spring
40160733	Applied Time Series Analysis	3	B+	2018-Spring
19990022	Foreign language Application	2	P	2018-Summer
40160675	Junior Year Practicum in Industrial Engineering	5	A-	2018-Summer

Total Credits: 149

Date of Graduation: *****

Degree Conferred: *****

Director of Registrar's Office:

尹佳

Official Seal:

Date Printed: November 7, 2018

成绩单简要说明

1. 课程编号由 8 位字符组成，首字符表示其课程类型：
0-5 或 H-T 为本科生课程
6-9、A-G 或 U-Z 为研究生课程
2. 课程成绩记载说明（2015 级及以后入学的本科生和研究生使用）：

等级制	百分制	绩点	评价标准
A+、A	100-95	4.0	优秀
A-	94-90	3.7	
B+	89-85	3.3	良好
B	84-80	3.0	
B-	79-77	2.7	
C+	76-73	2.3	一般
C	72-70	2.0	
C-	69-67	1.7	
D+	66-63	1.3	及格
D	62-60	1.0	
F	≤59	0	不及格
P		N/A	通过
F		N/A	不通过
W		N/A	退课 (Withdraw)
I		N/A	未完成 (Incomplete)
EX		N/A	免修 (Exempted)

N/A(Not Applicable): 无绩点。

3. 学分:
 - (1) 课内 16 学时记为 1 学分。
 - (2) 课程成绩为 A~D、P、EX 且课程学分大于 0 时，学生取得课程学分。

KEY TO TRANSCRIPT

1. COURSE NUMBERING SYSTEM
Each course number consists of 8 characters, the first of which indicates the course level:
0-5 or H-T = undergraduate courses
6-9, A-G or U-Z = graduate courses

2. GRADING SYSTEM (EFFECTIVE GRADE 2015)

Grade	100-scale	Grade points	Standard
A+、A	100-95	4.0	Excellent
A-	94-90	3.7	
B+	89-85	3.3	Good
B	84-80	3.0	
B-	79-77	2.7	
C+	76-73	2.3	Fair
C	72-70	2.0	
C-	69-67	1.7	
D+	66-63	1.3	Poor but passing
D	62-60	1.0	
F	≤59	0	Failure
P		N/A	Passing
F		N/A	Failure
W		N/A	Withdraw
I		N/A	Incomplete
EX		N/A	Exempted

N/A: Not Applicable

3. CREDIT
 - (1) Credit is basically reported in terms of semester hours, whether earned during a 16-week semester or a summer session. For 1 unit of credit, approximately one hour per week is allotted to lecture or discussion and more hours for preparation or subsequent reading and study.
 - (2) Credit is given for A~D, P and EX, when the course credit is above zero.

清华大学学生成绩单

姓名 岳瑞龙

性别 男

学号 2015010839

学生类别 本科生

入学年月 2015年08月

院系 工业工程系

专业 工业工程

班级 工52

课程号	课程名	学分	成绩	学年-学期
12090043	军事理论与技能训练	3	B+	2015-夏
00690502	中国古代散文研究和赏析	2	P	2015-秋
10421055	微积分A(1)	5	B+	2015-秋
10421094	线性代数(1)	4	B+	2015-秋
10450012	现代生物学导论	2	B+	2015-秋
10610183	思想道德修养与法律基础	3	B+	2015-秋
10641022	学术英语听说(2)——综述	2	B	2015-秋
10641062	学术英语读写(1)——说明文	2	A-	2015-秋
10720011	体育(1)	1	C-	2015-秋
11030013	大学精神之源流	3	A-	2015-秋
20120163	机械设计基础(1)	3	A-	2015-秋
00690542	儒学概论	2	P	2016-春
01510192	创业导引——与创业名家面对面	2	P	2016-春
02070012	党的知识概论	2	P	2016-春
10421065	微积分A(2)	5	A-	2016-春
10421102	线性代数(2)	2	A-	2016-春
10430484	大学物理B(1)	4	A	2016-春
10610193	中国近现代史纲要	3	B+	2016-春
10720021	体育(2)	1	C	2016-春
20740073	计算机程序设计基础	3	P	2016-春
30160012	工业工程概论	2	B	2016-春
21510123	金工实习B(集中)	3	A-	2016-夏
00690793	诗词格律与创作	3	A	2016-秋
00740123	Java语言程序设计	3	P	2016-秋
10430494	大学物理B(2)	4	A	2016-秋
10430782	物理实验A(1)	2	B+	2016-秋
10610204	马克思主义基本原理	4	B+	2016-秋
10641082	学术英语读写(3)——文献综述	2	A-	2016-秋
10720031	体育(3)	1	C+	2016-秋
20120193	机械设计基础A(2)	3	B+	2016-秋
30160023	运筹学(1)(确定性方法)	3	B	2016-秋
30160213	概率论	3	A+	2016-秋
00690062	围棋与中国文化	2	P	2017-春
03050011	卫生与保健	1	P	2017-春
10610224	毛泽东思想和中国特色社会主义理论体系概论	4	B+	2017-春
10720041	体育(4)	1	D+	2017-春
20220044	电工与电子技术	4	B+	2017-春
30160112	管理学基础	2	A-	2017-春
30160162	运筹学(2)(应用随机模型)	2	B+	2017-春
30160192	数据结构与算法分析	2	A-	2017-春
30160203	应用统计与数据分析	3	A-	2017-春
30160234	人因工程	4	A-	2017-春
02070251	大学生职业生涯规划与发展	1	P	2017-秋
10641232	基础英语听说	2	B+	2017-秋

总学分: 149

毕业年月: *****

获得学位: *****

注册中心主任签字:

尹佳

注册中心专用章

打印日期: 2018-11-26

清华大学学生成绩单

姓名 岳瑞龙

性别 男

学号 2015010839

学生类别 本科生

入学年月 2015年08月

院系 工业工程系

专业 工业工程

班级 工52

课程号	课程名	学分	成绩	学年-学期
10720110	体育专项(1)	0	D+	2017-秋
30160152	工程经济学	2	A-	2017-秋
30160182	数据库原理	2	A-	2017-秋
40160092	生产计划与控制	2	B+	2017-秋
40160573	现代制造系统概论及实验	3	B+	2017-秋
40160622	建模与仿真	2	A-	2017-秋
40160813	智能工程系统	3	A-	2017-秋
10720120	体育专项(2)	0	D	2018-春
20240033	数值分析	3	P	2018-春
30160062	运筹学(3)(决策方法学)	2	A-	2018-春
40160203	质量控制与质量管理	3	B	2018-春
40160442	实验设计	2	B+	2018-春
40160733	应用时间序列分析	3	B+	2018-春
19990022	外语实践	2	P	2018-夏
40160675	工业工程生产实践	5	A-	2018-夏

总学分: 149

毕业年月: *****

获得学位: *****

注册中心主任签字:

尹佳

注册中心专用章

打印日期: 2018-11-26



Certification of Grade Point Average and Rank

Student Information

Name: Yue Ruilong

Gender: Male

Student ID Number: 2015010839

Date of Birth: August 26, 1997

Personal ID Number: 140211199708260513

This is to certify that the cumulative Grade Point Average of Mr. /Ms. Yue Ruilong was 3.66 on a 4.0 point scale. He/She ranked 7 among 54 students in the major of Industrial Engineering, Department of Industrial Engineering. The GPA and ranking were calculated at the day of October 11, 2018.

Signature of Student:

Registrar's Office

Tsinghua University

Printed Date: November 7, 2018





Statement of the standard GPA certificate

In recent years, Tsinghua University has advanced the reform of education and teaching by increasing the challenge of its curriculum and comprehensively implementing the reform plan of “establishing an academic evaluation system that improves the all-round development of students”. Starting from students enrolled in 2015, the record of course grades has changed from using percentages to using letter grades, and the instructors are also adapting to this new letter grades-based rating system.

In order to more accurately evaluate a student's academic level during this transition, the GPA calculation is standardized with respect to the piecewise distribution of all student scores over the years. The GPA reflected on the undergraduate standard GPA certificate of a student is obtained through comprehensive standardization based on his/her course grades (as recorded in the transcript). It is hereby stated.

Registrar's Office, Tsinghua University
Sep. 2018

