

# Transcript of Harbin Institute of Technology at Weihai

Name	Yanan Zhao	Student No.	140240326			Gender	Female			Length of Schooling	4 years			
College of Dept.	School of Information Science and Engineering					Major			Communication Engineering					
Class	1402403					Date of Enrollment			September 3, 2014					
1 <sup>st</sup> Academic Degree	Bachelor of Engineering					Date of Graduation			June 25, 2018					
2 <sup>nd</sup> Academic Degree						Major of 2 <sup>nd</sup> Academic Degree			-----					

  

Course	Credits	Periods	Score	Nature	Date	Course	Credits	Periods	Score	Nature	Date
Physical Education	1	26	80	Compulsory	2014-12	Morality Education and Fundamentals of Law	2	34	90	Compulsory	2014-12
Linear Algebra & Space Analytical Geometry	3.5	60	80	Compulsory	2014-12	College English	1.5	40	74	Compulsory	2014-12
Military Training & Military Theory	3	0.3	90	Compulsory	2014-12	Mathematical Analysis for Engineering	5	90	85	Compulsory	2014-12
C Programming	3	48	72	Compulsory	2014-12	Electrical Circuit Theory B	4	64	97	Compulsory	2015-07
Fundamental Principles of Marxism	3	48	77	Compulsory	2015-07	Physical Education	1	26	83	Compulsory	2015-07
Mechanical Graphics II	4	64	62	Compulsory	2015-07	College Physics A	4.5	72	80	Compulsory	2015-07
Mathematical Analysis for Engineering	5	90	92	Compulsory	2015-07	Probability Theory & Mathematical Statistics	2.5	44	85	Compulsory	2015-07
College English	1.5	40	68	Compulsory	2015-07	Labs in Electrical Circuit Theory B	1	18	92	Compulsory	2015-07
Mental Health Education for College	1	24	95	Elective	2015-08	Music Appreciation	1	24	85	Elective	2015-08
Film work analysis	1	20	79	Elective	2015-08	Career Planning	1	16	86	Elective	2015-08
College Physics A	4.5	72	84	Compulsory	2015-12	Labs in College Physics I	2	30	82	Compulsory	2015-12
Complex Analysis & Integral Transformation	2.5	42	90	Compulsory	2015-12	Equations of Mathematical Physics	2	32	86	Compulsory	2015-12
Analog Electronics B	3.5	56	97	Compulsory	2015-12	Restricted college English	1.5	40	78	Compulsory	2015-12
Physical Education	0.5	15	85	Compulsory	2015-12	Engineering Training (non-mechanical)	2	0.2	84	Compulsory	2015-12
Outline of Neoteric Chinese History	2	32	87	Compulsory	2015-12	Labs in Analog Electronics A	1.5	24	97	Compulsory	2015-12
Labs in College Physics I	2	30	89	Compulsory	2016-07	An introduction to Mao Zedong thought	4	60	85	Compulsory	2016-07
Electromagnetic Fields and Waves I	5	82	98	Compulsory	2016-07	Electronic Circuit of Communication I	4.5	72	97	Compulsory	2016-07
Signals and Systems I	4.5	72	95	Compulsory	2016-07	Labs in Digital Electronics	1.5	24	86	Compulsory	2016-07
Digital Electronics	3.5	56	91	Compulsory	2016-07	Restricted college English	1.5	40	86	Compulsory	2016-07
Physical Education	0.5	15	85	Compulsory	2016-07	Innovation and entrepreneurship	2	32	93	Elective	2016-07
Cross-cultural communication psychology	2	30	99	Elective	2016-09	Workplace communication	2	28	93	Elective	2016-09
Tang and Song Poems Appreciation	2	40	96	Elective	2016-09	FPGA application and practice	1	20	95	Elective	2016-09
Computer Communications and Networks	2	32	97	Compulsory	2017-01	Digital Signal Processing	3.5	52	94	Compulsory	2017-01
Principles of Communications I	4.5	72	98	Compulsory	2017-01	Embedded Systems	3	52	96	Compulsory	2017-01
Automatic Control Theory C	3	54	70	Compulsory	2017-01	Microwave Technology I	3.5	60	94	Compulsory	2017-01
Random Signal Analyzing	3	54	100	Compulsory	2017-01	Advanced Labs in Principle of Communications	2	0.2	95	Compulsory	2017-06
Practicum in Electronic Techniques	2	0.2	90	Compulsory	2017-06	Principles of Antenna I	3.5	58	100	Compulsory	2017-06
Switching Technology	2.5	40	98	Compulsory	2017-06	Satellite Communications Systems	2	32	98	Compulsory	2017-06
Mobile Communications	2	32	94	Compulsory	2017-06	Information Theory	2	32	95	Compulsory	2017-06
Production Practice	3	0.3	91	Compulsory	2018-01	Phase-Lock Technique	2	30	92	Compulsory	2018-01
Communication system simulation based on MATLAB	2.5	40	95	Elective	2018-01	Spread Spectrum Communications	2	32	97	Compulsory	2018-01
Embedded System – Design and Applications	2	32	92	Compulsory	2018-01	Academic Innovation	5	80	95	Compulsory	2018-06
Graduation Thesis	18	1.8	95	Compulsory	2018-06	-----					

  

Total Planned Credits	169.5	Planned Compulsory Credits	160	Obtained Compulsory Credits	165	Signature of the Dean _____ <b>Statement</b> 
Total Obtained Credits	180.5	Planned Confined Elective Credits	1.5	Obtained Confined Elective Credits	2.5	
		Planned Free Elective Credits	8	Obtained Free Elective Credits	13	

Remarks: \_\_\_\_\_

Made by: *Song Yiduo*

Made on: July 6, 2019

Page 1 of 1



# 哈爾濱工業大學

## HARBIN INSTITUTE OF TECHNOLOGY

### Graduate Student Course Certificate

**Name:** ZHAO Yanan **Student No.:** 18S005083 (Master)

**Date of Birth:** June 30, 1996 **Gender:** Female

**Period of Study:** September, 2018~July, 2020

**School/Department:** Electronics and Information Engineering

**Discipline:** Information and Communication Engineering



Category	Courses	Hour/Credit	Grade
DC	English △	32/2	Exempt
DC	The Research of the Theory and Practice of Socialism with Chinese Characteristics	32/2	86
DC	Generalal Dialectics of Nature	16/1	86
DC	Wavelets Theory and Applications	32/2	96
DC	Theory of Information and Coding	32/2	80
DC	Principles of Digital Communications	32/2	83
DC	Signal Detection Theory	32/2	94
DC	Matrix Analysis	32/2	81
DC	Spread Spectrum Communications	32/2	89
DC	Pattern Recognition	32/2	86
NDC	Compressed Sensing Theory and Applications	24/1.5	Pass
NDC	Modern Statistical Signal Processing	32/2	94
NDC	Convex Optimization Theory and Applications	32/2	Pass
NDC	Wavelet Transform and Time-Frequency Analysis	24/1.5	Pass
NDC	Internet of Things: Basics and Recent Advances	16/1	Pass
NDC	Lecture on Navigation and Positioning	16/1	Pass
NDC	Space Communication	16/1	Pass
NDC	Modeling and Simulations of Communication Systems	28/1.5	Pass
RP	Academic Activities	10/1	Pass
RP	Dissertation Proposals	10/1	Excellent
RP	Social Practice	/1	Pass
RP	In-process Inspection	10/1	Pass

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**Completed Credits: 34.5**  
Registrar: Self-Service Printing System

**The Graduate School**  
**Harbin Institute of Technology**  
**Date: July 01, 2020**



- 1、Grade Scale System of Courses: (1) The Percentage System: Above 60 is Passing, 100 is Full Mark; (2) The Two Grade System: Pass or Fail;
- 2、“\*”denotes results were retaken, “△”denotes degree courses not calculated in GPA;
- 3、Abbreviations: DC (Degree Course), NDC (Non-Degree Course), RP (Required Parts).

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