of

China Higher Education Student's Academic Transcript

Name: Peng Yan Report No.: 12932253

Sex: Date of Report: Dec. 25, 2024

ID No.: 50010119981028**** Page: 1 of 10

Institution: Beihang University

Major: Applied Physics

Level: Undergraduate

Diploma No.: 100061202005002982

Type of Degree: Science

Degree Level: Bachelor

Degree Certificate No.: 1000642020002867

Grade Point Average (GPA): 3.60

Specific Course Information:

SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2016-2017 SEMESTER 1				
Introduction toAeronautics and Astronautics A	90	2	32	Compulsory Courses
College English: Listening, Speaking and Writing	83	2	32	Compulsory Courses
Physical Education (I)	86	0.5	16	Compulsory Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2016-2017 SEMESTER 1				
Liberal Arts (I)	Good	0.5	32	Compulsory Courses
Moral Principles and Lega Basis	l 88	2	32	Compulsory Courses
Military Training	93	0	112	Compulsory Courses
English Speech	88	2	32	Compulsory Courses
University Computer Foundation	83	2	44	Compulsory Courses
Mathematical Analysis for Engineering (I)	85	5	96	Compulsory Courses
Mechanics	90	3 6	48	Compulsory Courses
Calculus and Applications (1)	Pass	1 (55)	16	Selected Courses
2016-2017 SEMESTER 2				
Liberal Arts (II)	Excellent	0.5	32	Compulsory
				Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2016-2017 SEMESTER 2				
Outline of Modern China History	85	2	32	Compulsory Courses
Physical Education (II)	88	0.5	16	Compulsory Courses
Mathematical Analysis for Engineering (II)	87	5 655	96	Compulsory Courses
English Critical Reading and Writing	80	2	32	Compulsory Courses
Advanced Algebra for Engineering	95	5	96	Compulsory Courses
Military Theory	91	2	32	Compulsory Courses
Thermal Physics	82	2	32	Compulsory Courses
College English: Reading, Speaking and Writing	86	2 6	32	Compulsory Courses
Introduction to Entrepreneurship	94		16	Selected Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2017-2018 SEMESTER 1				
Mathematical-Physical Methodology I	85	6	64	Compulsory Courses
Probability and Statistics A	90	3	48	Compulsory Courses
History of Modern Thinking	86	3	48	Compulsory Courses
College English B (1)	89	4	32	Compulsory Courses
Liberal Arts (III)	Excellent	0.5	32	Compulsory Courses
Instrument Science and Technology Civilization	87	2	32	Compulsory Courses
Physical Education (III)	92	0.5	17	Compulsory Courses
Optics	81	3	48	Compulsory Courses
Electromagnetism	86	4	64	Compulsory Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2017-2018 SEMESTER 1				
Mechanical Technology Practice B	85	2	72	Compulsory Courses
General Physics Experiment I	85	2	64	Compulsory Courses
Vocal Music and the Art of Chorus	94	1 6	16	Selected Courses
2017-2018 SEMESTER 2				
Thermal Dynamics and Statistical Physics	86	3	48	Compulsory Courses
Marxism Basic Principle	88	3	48	Compulsory
				Courses
Introduction to Public Media	91	2	32	Compulsory Courses
Atomic Physics	78	3	48	Compulsory Courses
Theoretical Mechanics	86	3	48	Compulsory Courses
Liberal Arts (IV)	Excellent	0.5	32	Compulsory Courses

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SUBJECT	GRADES	CREDITS	CREDIT	COURSE
JOBJECI	GIADLS	CKEDITS	HOURS	TYPE
2017-2018 SEMESTER 2				
Physical Education (IV)	90	0.5	17	Compulsory Courses
Fundamental of Thermal Engineering	89	2	32	Compulsory Courses
General Physics Experiment II	83	2	64	Compulsory Courses
Musical Theater Appreciation and Acting	96		16	Selected Courses
Entrepreneurship Practicing	85	1	16	Selected Courses
2017-2018 SEMESTER 3				
Corporate Finance	84	2	32	Selected Courses
2018-2019 SEMESTER 1				
Electrodynamics	81	3	48	Compulsory Courses
Physical Education (V)	89	0.5	17	Compulsory Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2018-2019 SEMESTER 1				
Experiment of Modern Physics (1)	84	2	64	Compulsory Courses
Liberal Arts (V)	Good	0.5	32	Compulsory Courses
Quantum Mechanics	80	4	64	Compulsory Courses
Signals and Systems	85	2	32	Selected Courses
Specialized English	84	2	32	Selected Courses
Frontier Topics in Physics	82	2	32	Selected Courses
Microcomputer Principle and Application	93	2 💝	32	Selected Courses
Method of Nuclear Technology	81	2	32	Selected Courses
Introduction of Semiconductor Physics	97	2 (35)	32	Selected Courses
Laser Principle and Laser Measurement	75	2	32	Selected Courses

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2018-2019 SEMESTER 1				
Information Optics	85	2	32	Selected Courses
2018-2019 SEMESTER 2				
Computational Physics	88	2	32	Compulsory Courses
Programming Language C	88	2.5	48	Compulsory Courses
Experiment of Modern Physics (2)	87	2	64	Compulsory Courses
Solid State Physics	81	3	48	Compulsory Courses
Liberal Arts (VI)	Good	0.5	32	Compulsory Courses
Physical Education (VI)	86	0.5	17	Compulsory Courses
Analysis and Practice of Action Language	85	2	32	Compulsory Courses
Appreciation of Opera	92	1	16	Selected Courses

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0.00	DES CKE	DITS CREDI HOUR	
TER 2			
Physics 85	2	32	Selected Courses
essing 92	2	32	Selected Courses
TER 3			
ion 92	3	120	Compulsory Courses
TER 1			
(VII) 85	(5 ⁵) 1	32	Compulsory Courses
Exce	llent 0.5	32	Compulsory Courses
zed 83 t	2	64	Compulsory Courses
77	2	32	Compulsory Courses
	rer 2 Physics 85 Pssing 92 rer 3 Pion 92 rer 1 (VII) 85 Exced 83 t	FER 2 Physics 85 2 Pssing 92 2 FER 3 Prior 92 3 FER 1 (VII) 85 1 Excellent 0.5 Zed 83 2 t	HOUR FER 2 Physics 85 2 32 Pssing 92 2 32 FER 3 Find 92 3 120 FER 1 (VII) 85 1 32 Excellent 0.5 32 Find 83 2 64

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SUBJECT	GRADES	CREDITS	CREDIT HOURS	COURSE TYPE
2019-2020 SEMESTER 2				
Liberal Arts (VIII)	Excellent	0.5	32	Compulsory Courses
Graduation Design (Thesis)	Good	8	640	Compulsory Courses

The Academic Transcript listed above is considered authentic.

(the following empty)



Center for Student Services and Development

Ministry of Education, P.R. China

at

学号: 16191049 性别: 男					0月28日 专业名称:应用物理学 层 次:本科	47			
姓名:彭 研 在校日期:2016年	_	_	_		17	I went	学分	-P- Arts	学年/学!
课程名称	学时	学分	成绩	学年/学期		学时	9.5	优秀	2/1
必 修 课 程	1	1-3/2			博雅课程(文化素质拓展)(3)	32	-	87	2/1
航空航天概论A	32	2. 0	90	1/1	仪器科学与科技文明	17	2. 0	92	2/1
英语听说写	32	2.0	83	1/1	体育(3)			81	2/1
体育(1)	16	0. 5	86	1/1	光学	48	3.0	-	_
博雅课程(文化素质拓展)(1)	32	0.5	良好	1/1	电磁学(中、英)	64	4.0	86	2/1
思想政治理论课——基础	32	2. 0	88	1/1	机械工程技术训练 B	72	2.0	85	2 / 1
军事训练	112	0.0	93	1/1	普通物理实验(1)	64	2. 0	85	2 / 1
英语演讲	32	2. 0	88	1/1	热力学与统计物理	48	3. 0	86	2/2
大学计算机基础	44	2.0	83	1/1	思想政治理论课——原理	48	3. 0	88	2/2
工科数学分析(1)	96	5. 0	85	1/1	传播学概论	32	2. 0	91	2/2
力学	48	3. 0	90	1/1	原子物理学	48	3.0	78	2/2
博雅课程(文化素质拓展)(2)	32	0.5	优秀	1/2	理论力学	48	3.0	86	2/2
思想政治理论课一纲要	32	2. 0	85	1/2	博雅课程(文化素质拓展)(4)	32	0.5	优秀	2 / 2
体育(2)	16	0.5	88	1/2	体育(4)	17	0.5	90	2/2
工科数学分析(2)	96	5. 0	87	1 / 2	工程热学	32	2.0	89	2 / 2
批判阅读与写作	32	2.0	80	1 / 2	普通物理实验(2)	64	2.0	83	2 / 2
工科高等代数	96	5. 0	95	1 / 2	电动力学	48	3. 0	81	3 / 1
军事理论	32	2.0	91	1 / 2	体育(5)	17	0.5	89	3 / 1
热学	32	2.0	82	1 / 2	近代物理实验(1)	64	2.0	84	3 / 1
英语读说写	32	2.0	86	1 / 2	博雅课程(文化素质拓展)(5)	32	0.5	良好	3 / 1
数学物理方法(1)	64	6. 0	85	2 / 1	量子力学	64	4.0	80	3 / 1
概率统计A	48	3. 0	90	2 / 1	计算物理基础	32	2.0	88	3 / 2
思想政治理论课——概论	48	3. 0	86	2 / 1	C语言程序设计	48	2.5	88	3 / 2
大学英语 B(1)	32	4. 0	89	2/1	近代物理实验(2)	64	2.0	87	3 / 2
平均学分绩点(GPA)=所学课程学分绩点之 说明: 1. 百分制课程绩点=4-3 × (100-X) ² /160 2. 五级制课程绩点对应: 4 (优秀), 3.5(3. 两级制不计入 GPA, 但计入总学分。 各注:!:双学位。6:实践":辅修	0 (60 < 良好),	≤ X ≤	100)	,其中 X 为i	果程百分制分数, 100 分制绩点为 4, 60 分绩点为 1, 60 分以下绩点	为0;	0		

北京航空航天大學。

学生学习成绩证明

学号: 16191049	姓名: 彭 研			1	To a second				52页	
	课程名称	学时	学分		学年/学期	TEA W	学时	学分		学年/学
固体物理	160	48	3. 0	81		激光原理与激光测量	32	2.0	75	3 /
専雅课程(文化素	质拓展)(6)	32	0.5	良好	3 / 2	信息光学	32	2.0	85	3 /
本育(6)		17	0.5	86	3/2	歌剧欣赏	16	1.0	92	3 /
动作语言分析与训	练	32	2.0	85	3 / 2	凝聚态物理导论	32	2.0	85	3 /
生产实习		120	3.0	92	3 / 3	数字信号处理	32	2.0	92	3 /
本育(7)	maria safalasa	32	1.0	85	4 / 1	Cranical and arts of the second			*	(1)3
尊雅课程(文化素	质拓展)(7)	32	0.5	优秀	4/1	Privile was leading solver				
专业物理实验方法		64	2. 0	83	4 / 1	trivial sufficient series and an extension of		8Y 16'	一类公司	TE THE
材料物理	e c seir	32	2.0	77	4 / 1	le più a le col mol sur le ce i de le ce l				******
博雅课程(文化素	质拓展)(8)	32	0.5	优秀	4/2	1 7 7 7 80 0 0 0 02				10 10 2
丰业设计	11 11	640	8.0	良好	4/2	Formation and garles had sometimes			1152.55	-
	选修课程								9	
高等数学方法应用	(1)	16	1.0	及格	1/1	F 63 3 1 34 6 8 7 8 8 1		4	N	1
创业导论	A STATE OF THE STA	16	1.0	94	1/2	Self-limin to self-time.	(3/3-6)	164	V	155.5
合唱与声乐艺术	- ST 202-	16	1.0	94	2/1	5	X			o starton
音乐剧艺术实践	117	16	1.0	96	2/2					1033
创业实践	n de la companya del companya de la companya del companya de la co	16	1.0	85	2/2	Control of the last of the las	2		g manager	Aves in
Corporate Financ	e	32	2.0	84	2/3			-		
信号与系统	2-8-	32	2.0	85	3 / 1	E de la la calación de la calación d				
专业英语	and and the second second	32	2. 0	84	3 / 1					
物理学前沿专题	The Control of the Co	32	2. 0	82	3 / 1	The state of the s			T 1 8	
敞机原理与接口技	术	32	2. 0	93	3 / 1	Later to sell a visual de				
核技术基础		32	2. 0	81	3 / 1					
半导体物理导论		32	2. 0	97	3 / 1					
GPA 3. 60	 五级制课程绩点对应: 4(优秀), 3.5(良 两级制不计入 GPA, 但计入总学分。 	(60 ≤	≤ X ≤ 2.8 (‡	(100)	其中 X 为i	果程百分制分数,100 分制绩点为 4,60 分绩点为 1,60 分以下绩点	"成绩i	空航 E明专用	章和	
电子邮件: Archive	s@buaa.edu.cn 传真: 86-10-8	2338035	3	1.19	邮	編: 100191	FOR SCO	RES CHEC		、学

BEIHANG UNIVERSITY Transcript of Academic Record

Date of Birth: Oct 28, 1998 Speciality: Applied Physics Student ID: 16191049 Gender: Male Level: Undergraduate student Duration of study: Sep 2016 — Jun 2020 Name: Peng Yan Academic Academic Hours Credits Main Courses Scores Main Courses Hours Credits Scores ear/Semes year/Seme 48 3.0 90 Probability and Statistics A 2/1 Compulsory Courses 2/1 48 3.0 86 2.0 90 1/1 History of Modern Thinking Introduction to Aeronautics and Astronautics A 32 4.0 89 2/1 32 2.0 83 1/1 College English B (1) College English: Listening, Speaking and Writing 2/1 32 0.5 86 1/1 Liberal Arts (III) Physical Education (I) 16 0.5 32 2.0 87 2/1 Instrument Science and Technology Civilization В 1/1 Liberal Arts (I) 32 0.5 Physical Education (III) 17 0.5 92 2/1 88 1/1 32 2.0 Moral Principles and Legal Basis 2/1 48 3.0 81 93 1/1 Optics Military Training 112 0.0 2/1 64 4.0 86 88 Electromagnetism 32 2.0 1/1 **English Speech** 2/1 72 2.0 85 44 83 1/1 Mechanical Technology Practice B University Computer Foundation 2.0 2/1 64 2.0 Mathematical Analysis for Engineering (I) 96 5.0 85 1/1 General Physics Experiment I Thermal Dynamics and Statistical Physics 3.0 86 2/2 48 1/1 48 3.0 90 48 3.0 88 2/2 1/2 Marxism Basic Principle 32 0.5 Liberal Arts (II) A 32 2.0 91 2/2 2.0 85 1/2 Introduction to Public Media 32 Outline of Modern China History 2/2 Atomic Physics 48 3.0 78 Physical Education (II) 16 0.5 88 1/2 2/2 48 3.0 86 1/2 Theoretical Mechanics Mathematical Analysis for Engineering (II) 96 5.0 32 0.5 2/2 32 2.0 80 1/2 Liberal Arts (IV) A English Critical Reading and Writing 17 0.5 90 2/2 Physical Education (IV) Advanced Algebra for Engineering 96 5.0 95 1/2 Fundamental of Thermal Engineering 32 2.0 89 2/2 91 1/2 Military Theory 32 2.0 2/2 General Physics Experiment II 64 2.0 83 2.0 1/2 32 82 Thermal Physics 81 3/1 2.0 86 1/2 Electrodynamics 48 3.0 32 College English: Reading, Speaking and Writing 3/1 89 Physical Education (V) 17 0.5 Mathematical-Physical Methodology I 64 6.0 85 2/1 Grade Point Average (GPA) = sum of course credit points / sum of course credits (Course credit point = course grade point × course credit) Notes:
1. Course grade point for 100 - grade system = $4 - 3 \times (100 - \text{X})^2 / 1600$ ($60 \le X \le 100$).

X means the grade out of the 100-grade system. 100 grades = grade point 4, 60 grades = grade point 1, grades below 60 = grade point 0;
2. Five-scale system: 4 (Excellent), 3.5 (Good), 2.8 (Fair), 1.7 (Pass), 0 (Fail);
3. Two-scale system: not included in GPA, but in total credits.

Notes: !: Double Degree @: Practical Training ^: Minor *: Exemption %: Make - up GPA 3 60

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BEIHANG UNIVERSITY Transcript of Academic Record

	Main Courses	Hour	s Credits	Scores	Academic year/Seme	Main Courses	Hours	Credits	Page 2 o	Academi year/Sem
Experiment of Modern Physics (1)		64	2.0	84	3/1	Musical Theater Appreciation and Acting	16	1.0	96	2/2
Liberal Arts (V)		32	0.5	В	3/1	Entrepreneurship Practicing	16	1.0	85	2/2
Quantum Mechanics.		64	4.0	80	3/1	Corporate Finance	32	2.0	84	2/3
Computational Physics		32	2.0	88	3/2	Signals and Systems	32	2.0	85	3/1
Programming Language C		48	2.5	88	3/2	Specialized English	32	2.0	84	3/1
Experiment of Modern Physics (2)		64	2.0	87	3/2	Frontier Topics in Physics	32	2.0	82	3/1
Solid State Physics		48	3.0	81	3/2	Microcomputer Principle and Application	32	2.0	93	3/1
Liberal Arts (VI)		32	0.5	В	3/2	Method of Nuclear Technology	32		81	3/1
Physical Education (VI)		17	0.5	86	3/2	Introduction of Semiconductor Physics	32	2.0	97	3/1
Analysis and Practice of Action Language		32	2.0	85	3/2	Laser Principle and Laser Measurement	32	2.0	75	3/1
Practice in Production		120	3.0	92	3/3	Information Optics	32	2.0	85	3/1
Physical Education (VII)		32	1.0	85	4/1 .	Appreciation of Opera	16	1.0	92	3/2
Liberal Arts (VII)		32	0.5	A	4/1	Condensed Matter Physics	32		85	3/2
Method of Specialized Physics Experiment		64	2.0	83	4/1	Digital Signal Processing	32	141	92	3/2
Materials Physics		32	2.0	77	4/1	23 (2.0 85 0.5 1.7 (2.5)	1	reiti esti	(C) market	0,2
Liberal Arts (VII)		32	0.5	A	4/2	1541 188 28 M		- 6	I V militario	de Er fandered
Graduation Design(Thesis)		640	8.0	В	4/2	2/4 25 0.2 20 1/4 (11)	hoari	nd with	lovisa a la	
	Selected Courses			(103)	arrow Especial	SVI 1	March 1	1000 100	Thirty St. Levil	th 3 He tree
Calculus and Applications (1)		16	1.0	P	1/1	SA SB SB LAZ	5000	diam'r.	nil menga	A. Kongresh
Introduction to Entrepreneurship		16	1.0	94	1/2				The state of	and years
Vocal Music and the Art of Chorus		16	1.0	94	2/1	2 C 1			- 113/03	est human
GPA 3.60	Notes: 1.Course grade point for 100 – grade system =	4-3 tem. 10 , 2.8 (I	× (100 00 grade Fair), 1.7 al credits	$(0-X)^2 / 1600$ s = grade p (Pass), 0 (s.	0 (60 ≤ X point 4, 60 gr (Fail);.	wourse credit point = course grade point × course credit) ≤ 100). ades = grade point 1, grades below 60 = grade point 0; %: Make - up	北京	流空 植 類证明 SPECIAL	ガネン 专用章 や SEAL	E.
E-mail: Archives@	Dbuaa.edu.cn Fax: 86-10-82338	3035	12	E.VI	Post Code	BEIHANG	E FOR	SCORES	CHECKING	TY
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