Semester in which the course is offered	Course Name	overall performance	course grade point	Nature of the course	Course Properties	class hour	for graduation
2019-2020-1	College English (4-1)	70	2	general education course	a required course	48 (credit hours)	3
2021-2022-2	Intelligent technology for machinery and equipment	82	3.2	specialized subject	autonomy	32 (credit hours)	2
2021-2022-2	Computerized control of electromechanical systems	92	4.2	specialized subject	restriction on selection	32 (credit hours)	2
2020-2021-2	mechanical principle	81	3.1	basic course in a subject	a required course	48 (credit hours)	3
2020-2021-1	Mao Zedong Thought and Socialism with Chinese Characteristics	84	3.4	general education course	a required course	80 (credit hours)	5
2022-2023-1	Technical English Reading and Writing	86	3.6	general education course	autonomy	16 (credit hours)	1
2021-2022-1	Comprehensive practical training in interchangeability	88	3.8	specialized subject	a required course	2 (weeks)	2
2022-2023-2	Comprehensive practice of specialized foreign languages	favorable	3.5	specialized subject	a required course	1 (week)	1
2020-2021-2	Introduction to the Fundamental Principles of Marxism	94	4.4	general education course	a required course	48 (credit hours)	3
2022-2023-1	mechanical vibration	95	4.5	specialized subject	autonomy	48 (credit hours)	3
2020-2021-1	Situation and Policy	81	3.1	general education course	take whichever one fancies	16 (credit hours)	2
2022-2023-2	Mechatronic system analysis and design	90	4	specialized subject	a required course	48 (credit hours)	3
2019-2020-1	Freshman Seminar	83	3.3	general education course	a required course	16 (credit hours)	1
2019-2020-2	Basic Physics I	83	3.3	basic course in a subject	a required course	64 (credit hours)	4
2022-2023-1	Mechanical Integrity Testing	87	3.7	specialized subject	restriction on selection	32 (credit hours)	2
2020-2021-2	Basic Mechanical CAD	90	4	specialized subject	restriction on selectio	32 (credit hours)	2

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2019-2020-1	Mathematical Analysis (A) I	72	2.2	basic course in a subject	a required course	88 (credit hours)	5.5
2019-2020-2	Mathematical Analysis (A) II	84	3.4	basic course in a subject	a required course	96 (credit hours)	6
2020-2021-2	Introduction to Petroleum Engineering	92	4.2	specialized subject	restriction on selection	32 (credit hours)	2
2019-2020-1	military theory	83	3.3	core public course (in economics)	a required course	36 (credit hours)	2
2019-2020-1	engineering graphics	90	4	basic course in a subject	a required course	64 (credit hours)	4
2020-2021-3	Engineering And Society	85	3.5	public option	take whichever one fancies	16 (credit hours)	1
2021-2022-1	Materials and social life	97	4.7	public option	take whichever one fancies	16 (credit hours)	1
2022-2023-2	Fundamentals of computer-aided mechanical engineering	92	4.2	specialized subject	a required course	48 (credit hours)	3
2019-2020-1	Fundamentals of Programming	99	4.9	general education course	a required course	32 (credit hours)	2
2022-2023-2	Introduction to Natural Dialectics	95	4.5	general education course	a required course	18 (credit hours)	1
2022-2023-1	(math.) functional analysis	98	4.8	basic course in a subject	autonomy	48 (credit hours)	3
2020-2021-1	physical chemistry	82	3.2	basic course in a subject	autonomy	48 (credit hours)	3
2019-2020-3	Comprehensive computer-based practical training	92	4.2	general education course	a required course	1.5 (weeks)	1.5
2019-2020-1	military practice, esp. for reservists or new recruits	80	3	general education course	a required course	3 (weeks)	2
2022-2023-2	Professional integrated design	talented	4.5	practical session	a required course	3 (weeks)	3
2019-2020-2	Physical Education (4-2)	86	3.6	general education course	a required	32 (credit hours)	1

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2020-2021-2	Physical Education (4-4)	71	2.1	core public course (in economics)	a required course	32 (credit hours)	1
2021-2022-2	intelligent engineering (religion)	91	4.1	specialized subject	restriction on selection	32 (credit hours)	2
2021-2022-2	Mechatronic information testing and processing technology	90	4	specialized basic course	a required course	40 (credit hours)	2.5
2021-2022-1	Fluid Mechanics and Fluid Transmission	80	3	basic course in a subject	a required course	56 (credit hours)	3.5
2020-2021-2	Engineering materials	93	4.3	basic course in a subject	a required course	32 (credit hours)	2
2021-2022-1	mechanical design	93	4.3	specialized basic course	a required course	48 (credit hours)	3
2021-2022-3	Professional internships	88	3.8	practical session	a required course	3 (weeks)	3
2019-2020-3	Metallurgical internships	88	3.8	basic course in a subject	a required course	4 (weeks)	4
2021-2022-1	Fundamentals of Mechanical Manufacturing Engineering	79	2.9	basic course in a subject	a required course	48 (credit hours)	3
2020-2021-1	probability theory and mathematical statistics	90	4	basic course in a subject	a required course	48 (credit hours)	3
2020-2021-2	Physics Innovation Thematic Experiment	83	3.3	practical session	a required course	1 (week)	1
2021-2022-1	Microcontroller Principles and Interface Technology	90	4	specialized subject	restriction on selection	40 (credit hours)	2.5
2020-2021-2	material mechanics	83	3.3	specialized basic course	a required course	48 (credit hours)	3
2020-2021-1	Mathematical Physics Methods	99	4.9	basic course in a subject	a required course	64 (credit hours)	4
2021-2022-1	Fundamentals of Control Engineering	99	4.9	specialized basic course	a required course	48 (credit hours)	3
2019-2020-2	Outline of Modern Chinese	78	2.8	general	a	48 (credit	3

	History			education course	required course	hours)	
2019-2020-2	Electroelectronics I	80	3	basic course in a subject	a required course	40 (credit hours)	2.5
2020-2021-1	Electricity and Electronics II	96	4.6	basic course in a subject	a required course	40 (credit hours)	2.5
2019-2020-2	university chemistry	79	2.9	basic course in a subject	a required course	54 (credit hours)	3.5
2022-2023-1	Electromechanical drives and controls	87	3.7	specialized subject	restriction on selection	32 (credit hours)	2
2021-2022-1	Computer simulation technology	96	4.6	basic course in a subject	restriction on selection	32 (credit hours)	2
2019-2020-2	Introduction to criminal law	65	1.5	public option	take whichever one fancies	32 (credit hours)	2
2020-2021-1	Physical Education (4-3)	71	2.1	core public course (in economics)	a required course	32 (credit hours)	1
2019-2020-1	Sports (4-1)	66	1.6	general education course	a required course	32 (credit hours)	1
2020-2021-3	Internship in Electrical and Electronics	92	4.2	basic course in a subject	a required course	2 (weeks)	2
2022-2023-2	elastoplasticity	81	3.1	basic course in a subject	a required course	48 (credit hours)	3
2021-2022-2	The Foundations of Creativity	98	4.8	general education course	a required course	32 (credit hours)	2
2020-2021-1	Basic Physics II	80	3	basic course in a subject	a required course	64 (credit hours)	4
2022-2023-1	Advanced Engineering Fluid Mechanics	76	2.6	basic course in a subject	autonomy	48 (credit hours)	3
2020-2021-1	theoretical mechanics	90	4	basic course in a subject	a required course	48 (credit hours)	3
2021-2022-2	Oil and gas equipment engineering	84	3.4	specialized subject	a required course	48 (credit hours)	3

2019-2020-1	Foundations of Ethics and Law	87	3.7	general education course	a required course	48 (credit hours)	3
2021-2022-2	Digital Signal Processing Technology for Electromechanical Systems	91	4.1	specialized subject	restriction on selection	32 (credit hours)	2
2019-2020-2	College English (4-2)	81	3.1	general education course	a required course	48 (credit hours)	3
2020-2021-2	College English (4-4)	81	3.1	general education course	a required course	48 (credit hours)	3
2020-2021-1	College English (4-3)	67	1.7	general education course	a required course	48 (credit hours)	3
2019-2020-2	Advanced Programming	93	4.3	general education course	a required course	24 (credit hours)	1.5
2020-2021-1	Basic Physics Laboratory II	94	4.4	basic course in a subject	a required course	24 (credit hours)	1
2019-2020-2	Basic Physics Laboratory I	89	3.9	basic course in a subject	a required course	24 (credit hours)	1
2021-2022-3	Mechanical Design Course Design	90	4	basic course in a subject	a required course	3 (weeks)	3
2019-2020-1	Linear algebra and analytic geometry	93	4.3	basic course in a subject	a required course	56 (credit hours)	3.5
2019-2020-3	Mathematical modeling experiments	93	4.3	basic course in a subject	a required course	36 (credit hours)	1.5
2021-2022-1	ANSYS Mechanical Analysis Fundamentals	93	4.3	specialized subject	autonomy	32 (credit hours)	2
2020-2021-1	Numerical calculation method	89	3.9	basic course in a subject	a required course	48 (credit hours)	3
2023-2024-1	Literature Reading and Opening Statement (Master's Degree)	78	2.8	compulsory part	a required course	0 (credit hours)	1
2022-2023-2	First Foreign Language	80	3	compulsory public course	a required course	32 (credit hours)	2
GPA	3.608						