

APPENDIX U

Analysis report on the performance of energy
and power majors

Second semester, academic year 2018–2019

Performance analysis reports for students of various specialties

Faculty of Energy and Mechanical Engineering: Energy and Power

Engineering

Grade: 2017 Counselor: Guo Qianru

O v e r a l l p e r f o r m a n c e	一、 Student Profile										
	The class 2017011-2017014 is energy and power engineering major, a total of 104 people, including 7 students in the extended school year, the overall situation of students is good, attendance rate is high, some students are not focused in class, homework is not timely, addicted to games, late sleep, etc .2017017 is an excellent class, a total of 33 students, strong self-control, higher requirements for themselves, class style of study is better.										
	二、 Major Course Courses										
	Engineering fluid mechanics (4 credits), engineering thermodynamics (4 credits), mechanical design foundation (2 credits), metal materials (2 credits), electrical and electronic technology (2 credits), basic principles of Marxism (3 credits).										
	III. GPA distribution (please fill in the distribution of the number of people, professional proportion calculation formula: the number of people in this performance interval ÷ the total number of professionals):										
	Classes	3.5 above	3.0-3.5	2.5-3.0	2.0-2.5	1.5-2.0	Below 1.5	Total	GPA	GPA last semester	
	2017011	3	1	7	4	1	9	25	2.1	2.1	
	2017012	2	5	8	6	2	1	24	2.6	2.5	
	2017013	3	7	8	5	0	3	26	2.6	2.67	
	2017014	4	3	6	11	2	3	29	2.4	2.7	
Professional share	11.54%	15.38%	27.88%	25%	4.80%	15.38%	104	-	-		
Last semester Professional share	2%	22.40%	32.70%	10.20%	16.30%	16.30%		-	-		
2017017	14	14	3	2	0	0	33	3.35	3.5		
Professional share	42.42%	42.42%	9.09%	6.06%				-	-		
Last	57.60	36.40%	3%					-	-		

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semester	%								
Professional share									

Failure to pass the course (please fill in the formula for calculating the failure rate of each course: the number of students who failed the course \div the total number of students in the class):

Courses	Fluid mechanics	Thermodynamics	Foundation for Mechanical Design	Basic principles of Marxism	English
2017011	16%	28%	-	-	4%
2017012	4.2%	12.5%	-	-	-
2017013	15.4%	7.7%	11.5%	-	-
2017014	20.7%	13.8%	6.9%	3.5%	3.5%
2017017	-	-	-	-	-

Fifth, the rate of suspension (calculation formula: the number of students in the class \div the total number of students in the class)

Classes	Number of posts	Drop-out rate	Last semester
2017011	10	40%	52%
2017012	7	29.17%	25%
2017013	5	19.23%	11.54%
2017014	9	31.03%	20.69%
2017017	0	0	0

VI. Deficiencies in credits

	Within 5 minutes	5-10 minutes	10-15 minutes	15-20 minutes	20-30	Over 30	Total
Number of persons	8	6	4	4	7	3	32

Grades 7,4 and 6(formula for calculating the pass rate of level 4/6: the number of passes \div the total number of classes)

Classes	Pass 4	Pass 6
2017011	43.5%	4%
2017012	75%	8.33%
2017013	69.2%	11.54%
2017014	64.5%	17.24%
2017017	93.7%	39.4%

<p>B r i e f a n a l y s i s</p>	<p>At the end of the second semester of the 2018-2019 academic year, students at Grade 2017 have more than half of their college time. On the whole, students have mastered the basic methods of college study and examination, and have a clear understanding of themselves. Except for a small number of students, most have good self-control and autonomous learning and review ability</p> <p>This semester, engineering fluid mechanics and engineering thermodynamics are two major courses, which are more difficult than other subjects. Although some students have passed the examination after the supplementary examination ,15 students in the four classes of 011-014 still fail in fluid mechanics and 16 students fail in thermodynamics.</p> <p>From the GPA distribution, Students with an active class score above 3.5 rose from 2% last semester to 11.54%, The percentage of students with GPAs between 2.0 and 2.5 rose from 10.2% to 25%, The proportion of students with GPAs between 1.5 and 2.0 decreased from 16.3 per cent to 4.8 per cent, From these three figures, The scores of the former class and the middle class have improved in this semester. The GPA below 1.5 is basically the same as last semester, Most of the students in the extended school year are in this part. The class of excellence has fallen this semester, The proportion of students with GPA above 3.5 dropped from 52.6 per cent to 42.42 per cent, The percentage of GPA below 3.0 increased from 3% last semester to 15%, Need to carry on the concrete analysis according to the concrete student situation.</p> <p>From the average grade point of the class ,2017014 fell 0.3/2017017 by 0.15 compared with the previous semester, and the other classes were basically the same as last term. From the point of view of the hanging rate, the rate of class 2017011 is 10% lower than that of last semester, but it is still the largest class in four classes. This semester in 011 and 014 style of study construction still needs further efforts.</p> <p>From the point of view of the lack of credit, more students passed the supplementary examination at the beginning of school, the overall lack of credit has made greater progress than before the supplementary examination, especially the five or six students who are on the verge of extending the academic year, have reduced their outstanding credits to less than 30.</p> <p>From the level 4 through the situation ,5 classes than last semester progress is not obvious, still need to strengthen supervision.</p>		
<p>P r o g r e s s S t u d e n t</p>	<p>NO. of students</p>	<p>Name</p>	<p>Summary of progressive experience</p>
<p>20170028</p>	<p>Zhang Zi Yi</p>	<p>GPA progress 0.67, can not slacken on time to finish homework before the examination carefully review can not lazy procrastination waste their youth</p>	
<p>20170021</p>	<p>Wang Yihao</p>	<p>Progress of GPA 0.7, help of teachers and classmates, concern of counselors</p>	
<p>20170241</p>	<p>King Wu</p>	<p>GPA progress 0.586, in addition to listening carefully in class, timely</p>	

s			review after class is also very important, it is best to set learning goals, strict implementation every day, usually good study, review efficiency is relatively high.
N e e d t o f o c u s o n s t u d e n	NO. of students	Name	Cause Analysis and Proposed Measures
	20140024	Zhang Zheng	Retired students, before the enlistment of more credit, more difficult to make up; to take the class committee strict attendance, a group of activists, help before the examination, to maintain communication with parents and other measures;
	20160028	Yang Yukun	Extension of the school year students, lack of 23 credits, lack of motivation to learn; to take class committee strict attendance, activists a gang, help before the examination, and parents to maintain communication measures;
	20160085	Wang Jiaying	Extension of the school year students, due to 29 credits, learning motivation is insufficient; proposed to take class committee strict attendance, activists a gang, help before the examination, and parents to maintain communication measures;
	20160087	Wang Mengtao	Extension of the school year students, lack of 27 credits, lack of motivation to learn; to take the class committee strict attendance, activists, help before the examination, to maintain communication with parents and other measures;

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	20160223	Xu Junmin	Extension of the school year students, lack of 34 credits, lack of motivation to learn; to take class committee strict attendance, activists, help before the examination, to maintain communication with parents and other measures;
	20160102	Awaguri Kahar	Extension of the school year students, lack of 40 credits, lack of motivation to learn; to take class committee strict attendance, activists, help before the examination, to maintain communication with parents and other measures;
	20160119	Sun Zhenxing	Extension of the school year students, lack of 34 credits, lack of motivation to learn; to take class committee strict attendance, activists, help before the examination, to maintain communication with parents and other measures;