



Appendix B-13 Grade Analysis Report



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上海工程技术大学
Shanghai University of Engineering Science

2024 ~ 2025 academic year semester 1 course teaching analysis table

Course code: 071777 **Course number:** 5631 **Course name:** Open Source Hardware and Programming

Assessment type: examination ☐ assessment ☐

Name of the teacher: Li Jinglu

Employee number: 37230005

Major of the student: Industrial Design

Department (teaching and research office): School of Art and Design

I. Course assessment results

Number of candidates	who took the test	average	high run	lowest scores	90~100 A		85~89 A-		82~84 B+		78~81 B		75~77 B-		71~74 C+		66~70 C		62~65 C-		60~61 D		Under 60 points F	
					number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%
28	28	84.64	A	B-	6	21	6	21	8	29	5	18	3	11	0	0	0	0	0	0	0	0	0	0

2. Evaluation of achievement of course teaching objectives (Note: Observation points refer to the parts that make up the course grade, such as regular assignments, unit tests, final exams, etc., if attendance is one of the components of the grade, then attendance should also correspond to a teaching effect.)

The teaching objectives specified in the syllabus	Evaluation of achievement of teaching objectives			
	Observation points (corresponding to the final assessment questions or regular assignments, attendance, discussion, test, practical course performance, practical operation, experimental internship report, etc.)	full marks	Average score of students	Achievement (1 full mark)
Students are trained to have a rigorous academic attitude, a good sense of teamwork and an innovative spirit, establish correct core socialist values, consciously inherit and carry forward the excellent traditional Chinese culture, improve their aesthetic and humanistic literacy, and further enhance their cultural confidence.	classroom performance	10	9	0.92
	turn out for work	10	9.7	
	Final topic selection	10	9	



Master the basic principles of open source hardware, software operation and programming	classroom performance	10	9	0.85
	Final work installation composition and difficulty	10	8	
Arduino Practical operation of open source development board	Report the operation of the final work	10	9.9	0.95
	classroom performance	10	9	
The ability to produce and display the final work	Present the effect of the final assignment	10	9	0.88
	Aesthetic	10	9	
	interactivity	10	8.5	



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2022-2023, second semester course teaching analysis table

Course code: 073115 **Course number:** 7510 **Course name:** Innovative Design Thinking

Assessment type: examination ☐ assessment ☒

Name of the teacher: Zhu Mingjie

Major of the student: Product Design

Department (teaching and research office): Department of Industrial Design

I. Course assessment results

Number of candidates	Number of candidates who achieved high run	average number of high run	high run	and lowest number of high run	90~100 A		85~89 A-		82~84 B+		78~81 B		75~77 B-		71~74 C+		66~70 C		62~65 C-		60~61 D		Under 60 points F	
					number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%
25	25	B+	A	C+	4	16	7	28	4	16	4	16	4	16	2	8	0	0	0	0	0	0	0	0

2. Evaluation of achievement of course teaching objectives (Note: Observation points refer to the parts that make up the course grade, such as regular assignments, unit tests, final exams, etc., if attendance is one of the components of the grade, then attendance should also correspond to a teaching effect.)

The teaching objectives specified in the syllabus	Evaluation of achievement of teaching objectives			
	Observation points (corresponding to the final assessment questions or regular assignments, attendance, discussion, test, practical course performance, practical operation, experimental internship report, etc.)	full marks	Average score of students	Achievement (1 full mark)
1.Knowledge and skills objectives: understand the model of innovative thinking, the steps of innovative design thinking;	Homework as usual	30 (a)	24.24 (e)	0.82
	Final assignment	50 (b)	41.39 (f)	
2.Process and Method objectives: to enable students to master design thinking methods and group workshop innovation methods;	classroom performance	15 (c)	12.28(g)	0.819
3.Emotional attitudes and values: to cultivate students' ability of cooperative learning, inquiry learning, innovative learning and expression.	check on work attendance	5 (d)	5(h)	0.864
	classroom performance	15(c)	12.28(g)	
amount to		100	83.4	0834



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Course teaching analysis table for the first semester of 2024~2025 academic year

Course code: 071763 **Course number:** 5817 **Course name:** Computer aided Industrial Design (I)

Assessment type: examination ☐ R

Name of the teacher: Tong Peihao

Major of the student: Industrial Design

Department (teaching and research office): Department of Industrial Design

I. Course assessment results

Number of candidates	Number of candidates who took the test	average	high run	discard highest and lowest scores	90~100 A		85~89 A-		82~84 B+		78~81 B		75~77 B-		71~74 C+		66~70 C		62~65 C-		60~61 D		Under 60 points F	
					number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%	number of people	%
32	32	81.53	87.7	78.1	0	0	5	16	9	28	16	50	1	3	1	3	0	0	0	0	0	0	0	0

2. Evaluation of achievement of course teaching objectives (Note: Observation points refer to the parts that make up the course grade, such as regular assignments, unit tests, final exams, etc., if attendance is one of the components of the grade, then attendance should also correspond to a teaching effect.)

The teaching objectives specified in the syllabus	Evaluation of achievement of teaching objectives			
	Observation points (corresponding to the final assessment questions or regular assignments, attendance, discussion, test, practical course performance, practical operation, experimental internship report, etc.)	full marks	Average score of students	Achievement (1 full mark)
1. Cultivate students ability to think and solve problems from an overall perspective, and at the same time, they should have a sense of keeping up with the times. They should apply cutting-edge technology to industrial design and become professional technical talents in the new era.	check on work attendance	10	10	1
2. Take "craftsman spirit" as the main line	Homework as usual	10	8.1	0.813



throughout the whole teaching process, and require students to pay attention to details in drawing and marking, be meticulous, and strive for perfection.				
3. Use the design ability of PHOTOSHOP and ILLUSTRATOR software.	Homework as usual	20	16.3	0.815
4. Proficient in using design software to realize design schemes, and the ability to combine two plane software with three-dimensional modeling software to realize design schemes.	Final assignment	60	47.1	0.785
	amount to	100	81.5	