

COURSE PORTFOLIO

Study Program : GEOPHYSICS - S1
Semester : EVEN 2023/2024
Course Code : 23H06121302
Course Name : Geophysical Instrumentation
Coordinator : Dr. Muhammad Alimuddin, Eng.
Lecturer Team Member : Dr. Samsu Arif, M.Si., Andika, S.Si., M.Si.

Implementation of Learning

Description of the implementation of the lecture, the suitability of what was planned in the RPS with what was done:

Number and percentage of lecturer and student attendance

(data source: monitoring the attendance of lecturers and students)

	Lecturer Attendance	Student Attendance
GEOPHYSICAL INSTRUMENTATION	Dr. Samsu Arif, M.Si. : times	Number of students: 16 persons Presence ≥ 80% : Presence < 80% :
	Andika, S.Si., M.Si. : times	
	Total Meeting : times.	

Materials/practicum provided

Material provided in the Geophysical Instrumentation course :

1. Understanding analog and digital electronics and their applications in geophysics
2. Semiconductor Diodes and Bipolar Transistor Amplifiers
3. Operational amplifiers, types and applications
4. Decimal, octal, hexa decimal and binary (digital) number systems and logic operations
5. Counters and timers, DACs, ADC

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The learning methods implemented

Gagal diterjemahkan

The assessment method implemented

1. Task

Supplementary information (if available)

None

2. Learning Outcomes

Measurement results of CLO

Assessment and Evaluation of Student Achievement of CLO^a

LOs that are charged to the Course	CLO	Assessment Form	Weight	Average student score (0-100)
KU1	CLO-2	Task	100.00 %	84.19
P4	CLO-1	Task	100.00 %	84.19
KK3	CLO-2	Task	100.00 %	84.19

a: result criteria: very satisfactory if the average score is ≥ 80 ; satisfactory if the average score is 70 - 79.9; unsatisfactory if the average score is < 70 .

Percentage of students who achieved a very satisfactory CLO score^b

(data source: student scores per assessment according to CLOs)

CLO	% of students who achieved a CLO score of at least 80
CLO-1	81.25%
CLO-2	81.25%

b: result criteria: very satisfactory if $\geq 80\%$ of students score ≥ 80 ; satisfactory if 70%-79.9% of students score ≥ 80 ; less satisfactory if $< 70\%$ of students score ≥ 80 .

Course Grade

Course Grade	Number and Percentage of Students
A	8 (50.0%)
A-	5 (31.2%)
B+	3 (18.8%)
B	0 (0.0%)
B-	0 (0.0%)
C+	0 (0.0%)
C	0 (0.0%)
D	0 (0.0%)
E	0 (0.0%)

3. Learning evaluation (survey) results

(data source: items / narratives of the results of the MK evaluation questionnaire by students) -

4. Analysis and Reflection

None

5. Follow-up Plan

None

6. Follow-up results on the previous semester's evaluation

None

Makassar, 24 Oktober 2025

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