

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: EVEN 2023/2024
Course Code	: 23H06120904
Course Name	: Geoelectric and Electromagnetic Methods
Coordinator	: Syamsuddin, S.Si.,MT.
Lecturer Team Member	: Syamsuddin, S.Si.,MT., Dr. Muhammad Hamzah S., S.Si.,MT., Dr. Sakka, 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
GEOELECTRIC AND ELECTROMAGNETIC METHODS (A)	Dr. Sakka, M.Si. : times	
	Dr. Muhammad Hamzah S., S.Si.,MT. : times	Number of students: 75 persons
	Syamsuddin, S.Si.,MT. : times	Presence $\geq 80\%$: Presence $< 80\%$:
	Total Meeting : times.	
GEOELECTRIC AND ELECTROMAGNETIC METHODS (B)	Dr. Sakka, M.Si. : times	
	Dr. Muhammad Hamzah S., S.Si.,MT. : times	Number of students: 68 persons
	Syamsuddin, S.Si.,MT. : times	Presence $\geq 80\%$: Presence $< 80\%$:
	Total Meeting : times.	

Materials/practicum provided

Material provided in the course Geoelectric and Electromagnetic Methods :

1. Resistivity Method (SP Method, IP)
3. Electromagnetic Method (GPR Method, Method VLF, Method MT, AMT, CSAMT)

The learning methods implemented

Learning methods in courses Geoelectric Method and Electromagnetic :

1. Self-Directed Learning
2. Case Study (Case Study)/Project
3. Final Exam Semester
4. Practice
5. Tasks
6. Project/ Case Study
7. Quiz

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)
P1	CLO-1	Task	100.00 %	85.06
KU1	CLO-2	Task	100.00 %	85.06
KK1	CLO-3	Task	100.00 %	85.06
KK3	CLO-3	Task	100.00 %	85.06

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	92.31%
CLO-2	92.31%
CLO-3	92.31%

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	104 (72.7%)

Course Grade	Number and Percentage of Students
A-	28 (19.6%)
B+	3 (2.1%)
B	5 (3.5%)
B-	2 (1.4%)
C+	0 (0.0%)
C	0 (0.0%)
D	0 (0.0%)
E	1 (0.7%)

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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