

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: ODD 2023/2024
Course Code	: 23H06131803
Course Name	: Petrophysics (P1)
Coordinator	: Dr. Muhammad Alimuddin, Eng.
Lecturer Team Member	: Dra. Maria, M.Si., Makhrani, S.Si. M.Si, Sabrianto Aswad, S.Si., MT

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
	Dra. Maria, M.Si. : times	
	Makhrani, S.Si. M.Si : times	Number of students: 36 persons
PETROPHYSICS (P1)	Sabrianto Aswad, S.Si., MT : times	Presence $\geq$ 80% : Presence < 80% :
	Total Meeting : times.	

Materials/practicum provided

Material/practicum provided in the Petrophysics course:

1. Drilling environment
2. Log Caliper, BHT, Gamma Ray, Self Potential (SP)
3. Porosity Log
 - Sonic Log
 - Density Log
 - Neutron Log
 - Combination Log
4. Resistivity Log (Lateralog, Induction Log, Microresistivity Log)
5. Dipmeter Log and Image Log
6. Log Interpretation
7. Petrophysical Engineering

8. Case Study

The learning methods implemented

Learning methods implemented in the Petrophysics course:

1. Group discussion
2. Case studies
3. Self directed learning

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 %	81.52
P1	CLO-1	Task	100.00 %	81.52
P1	CLO-2	Task	100.00 %	81.52
P1	CLO-2	Task	100.00 %	81.52
P3	CLO-3	Task	100.00 %	81.52
P3	CLO-4	Task	100.00 %	81.52
P3	CLO-5	Task	100.00 %	81.52
KK1	CLO-2	Task	100.00 %	81.52
KK1	CLO-2	Task	100.00 %	81.52
KK1	CLO-5	Task	100.00 %	81.52
KK2	CLO-3	Task	100.00 %	81.52
KK2	CLO-4	Task	100.00 %	81.52

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	83.33%
CLO-2	83.33%

CLO	% of students who achieved a CLO score of at least 80
CLO-3	83.33%
CLO-4	83.33%
CLO-5	83.33%
CLO-1	83.33%
CLO-2	83.33%
CLO-3	0.00%
CLO-4	0.00%
CLO-5	83.33%

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 (22.2%)
A-	22 (61.1%)
B+	1 (2.8%)
B	2 (5.6%)
B-	2 (5.6%)
C+	1 (2.8%)
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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