

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: EVEN 2023/2024
Course Code	: 23H06121902
Course Name	: Soil and Rock Physics (P1)
Coordinator	: Syamsuddin, S.Si.,MT.
Lecturer Team Member	: Drs. Erfan, M.Si., Syamsuddin, 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
SOIL AND ROCK PHYSICS (P1)	Drs. Erfan, M.Si. : times	Number of students: 41 persons
	Syamsuddin, S.Si.,MT. : times	
	Total Meeting : times.	Presence $\geq$ 80% : Presence $<$ 80% :

Materials/practicum provided

Learning materials provided in the Soil and Rock Physics (P1) course:

1. Rock porosity and density
2. Physical properties of rocks (thermal, elastic properties, seismic wave attenuation, magnetism and electricity)
3. Seepage and groundwater flow network
4. Effective stress and shear strength
5. Soil consolidation and bearing capacity and slope stability
6. Soil and water conservation

The learning methods implemented

Learning methods implemented in the Soil and Rock Physics (P1) course:

1. Cooperative learning

The assessment method implemented

1. Project/Case Study

2. Task
3. Midterm exam
4. Final exams

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	2.00 %	93.85
P1	CLO-1	Task	9.00 %	92.86
P1	CLO-1	Midterm exam	5.00 %	78.04
P3	CLO-2	Project/Case Study	12.00 %	83.97
P3	CLO-2	Midterm exam	8.00 %	81.99
KK1	CLO-3	Project/Case Study	14.00 %	96.81
KK1	CLO-3	Project/Case Study	13.00 %	94.83
KK1	CLO-3	Project/Case Study	8.00 %	87.92
KK1	CLO-3	Project/Case Study	9.00 %	92.86
KK3	CLO-4	Project/Case Study	5.00 %	83.97
KK3	CLO-4	Final exams	10.00 %	83.97

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	100.00%
CLO-2	87.80%
CLO-3	100.00%
CLO-4	92.68%

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	37 (90.2%)
A-	4 (9.8%)
B+	0 (0.0%)
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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