

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: ODD 2023/2024
Course Code	: 23H06121402
Course Name	: New and Renewable Energy (P)
Coordinator	: Dr. Muhammad Alimuddin, Eng.
Lecturer Team Member	: Dr. Muhammad Hamzah S., S.Si.,MT., Andi Muhammad Pramatie, S.T., M.Eng., Ph.D

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
NEW AND RENEWABLE ENERGY (P)	Dr. Muhammad Hamzah S., S.Si.,MT.	: times
	Andi Muhammad Pramatie, S.T., M.Eng., Ph.D	: times
	Total Meeting : times.	
		Number of students: 78 persons
		Presence ≥ 80% :
		Presence < 80% :

Materials/practicum provided

Learning Materials for New and Renewable Energy Courses (P)

1. Energy concepts
2. Solar Energy
3. Water Energy
4. Wind Energy
5. Biomass, Biogas, Biofuel
6. Geothermal Energy
7. Conservation and energy policy

The learning methods implemented

Learning Methods for New and Renewable Energy (P) Subjects

1. Case Study
2. Project-Based Learning (Project-based Learning)

The assessment method implemented

1. Project/Case Study

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)
KK1	CLO-3	Project/Case Study	100.00 %	85.34
KK1	CLO-4	Project/Case Study	100.00 %	85.34
KK1	CLO-5	Project/Case Study	100.00 %	85.34
KK2	CLO-6	Project/Case Study	100.00 %	85.34
KK2	CLO-7	Project/Case Study	100.00 %	85.34
KK2	CLO-8	Project/Case Study	100.00 %	85.34
P1	CLO-1	Project/Case Study	100.00 %	85.34
P1	CLO-2	Project/Case Study	100.00 %	85.34

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	98.72%
CLO-2	98.72%
CLO-3	98.72%
CLO-4	98.72%
CLO-5	98.72%
CLO-6	98.72%
CLO-7	98.72%
CLO-8	98.72%

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	53 (67.9%)
A-	24 (30.8%)
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	1 (1.3%)

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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