

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: EVEN 2023/2024
Course Code	: 23H06110402
Course Name	: Geothermodynamics
Coordinator	: Dr. Muhammad Alimuddin, Eng.
Lecturer Team Member	: Dra. Maria, M.Si., Drs. Erfan, M.Si., Prof. Dr. Eng. Amiruddin, 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
GEOTHERMODYNAMICS (A)	Prof. Dr. Eng. Amiruddin, S.Si, M.Si.	: times	Number of students: 80 persons
	Drs. Erfan, M.Si.	: times	
	Dra. Maria, M.Si.	: times	Presence $\geq$ 80% :
	Total Meeting : times.		Presence < 80% :
GEOTHERMODYNAMICS (B)	Prof. Dr. Eng. Amiruddin, S.Si, M.Si.	: times	Number of students: 73 persons
	Drs. Erfan, M.Si.	: times	
	Dra. Maria, M.Si.	: times	Presence $\geq$ 80% :
	Total Meeting : times.		Presence < 80% :

Materials/practicum provided

Learning materials in the geothermodynamics course are:

1. Heat and temperature concept 2. The concept of a simple thermodynamic system 3. Working Concepts in thermodynamics 4. The concept of heat in thermodynamic systems 5. Ideal Gas, Engine, Air Cooler 6. Entropy

The learning methods implemented

The learning method used for the Geotemodynamics course is:

1. Group discussion (Small 2. Group Discussion), Study 3. Case (Case Study)

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 %	79.47
P2	CLO-1	Task	100.00 %	79.47
KK1	CLO-2	Task	100.00 %	79.47

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	64.71%
CLO-2	64.71%

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 (34.6%)
A-	46 (30.1%)
B+	28 (18.3%)
B	18 (11.8%)
B-	3 (2.0%)
C+	0 (0.0%)
C	0 (0.0%)
D	1 (0.7%)
E	4 (2.6%)

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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