

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: EVEN 2023/2024
Course Code	: 23H06110503
Course Name	: Mathematical Geophysics I
Coordinator	: Dr. Muhammad Taufiq Rafi
Lecturer Team Member	Dr. Muhammad Alimuddin, Eng., Dr. Muhammad Taufiq Rafi, Andi Muhammad Pramatiadi, S.T., M.Eng., Ph.D, Saaduddin. S.Pd., M.Sc

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
MATHEMATICS GEOPHYSICS I (A)	Dr. Muhammad Alimuddin, Eng. : times	Number of students: 40 persons Presence $\geq$ 80% : Presence < 80% :
	Dr. Muhammad Taufiq Rafi : times	
	Saaduddin. S.Pd., M.Sc : times	
	Total Meeting : times.	
MATHEMATICS GEOPHYSICS I (B)	Dr. Muhammad Alimuddin, Eng. : times	Number of students: 40 persons Presence $\geq$ 80% : Presence < 80% :
	Saaduddin. S.Pd., M.Sc : times	
	Andi Muhammad Pramatiadi, S.T., M.Eng., Ph.D : times	
	Total Meeting : times.	

Materials/practicum provided

Learning materials in the Mathematical Geophysics I course:

1. Complex analysis
2. Series and residues
3. Vectors and Matrices
4. Systems of linear equations
5. Vector Calculus

The learning methods implemented

Learning methods used for the Mathematical Geophysics I course, namely:

1. Small Group
2. case_based Study

The assessment method implemented

1. Task
2. 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)
P2	CLO-1	Task	100.00 %	70.85
P2	CLO-1	Project/Case Study	100.00 %	75.80
KK1	CLO-2	Task	100.00 %	70.85
KK1	CLO-2	Project/Case Study	100.00 %	75.80

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	15.00%
CLO-2	15.00%

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	1 (1.2%)
A-	11 (13.8%)
B+	41 (51.2%)
B	23 (28.7%)
B-	1 (1.2%)

Course Grade	Number and Percentage of Students
C+	0 (0.0%)
C	0 (0.0%)
D	0 (0.0%)
E	3 (3.8%)

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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