

COURSE PORTFOLIO

Study Program	: GEOPHYSICS - S1
Semester	: EVEN 2023/2024
Course Code	: 23H06110704
Course Name	: Mapping and GIS
Coordinator	: Syamsuddin, S.Si.,MT.
Lecturer Team Member	: Dr. Samsu Arif, M.Si., Aswar Syafnur, S.Si., M.Eng, 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
MAPPING AND GIS (A)	Dr. Samsu Arif, M.Si.	: 10 times	Number of students: 81 persons Presence ≥ 80% : 77 persons (95.06 %) Presence < 80% : 4 persons (4.94 %)
	Syamsuddin, S.Si.,MT.	: 10 times	
	Aswar Syafnur, S.Si., M.Eng	: 12 times	
	Total Meeting : 32 times.		
MAPPING AND GIS (B)	Dr. Samsu Arif, M.Si.	: 11 times	Number of students: 74 persons Presence ≥ 80% : 72 persons (97.30 %) Presence < 80% : 2 persons (2.70 %)
	Syamsuddin, S.Si.,MT.	: 10 times	
	Aswar Syafnur, S.Si., M.Eng	: 12 times	
	Total Meeting : 32 times.		

Materials/practicum provided

Materials given in the Mapping and GIS course:

1. Basic Concepts of Mapping and GIS
2. Maps and Coordinate Systems and Horizontal - vertical positioning
3. Height differences (Plane Properties, Trigonometry, and Barometry)

4. Mapping & Cartography (offset & tachymetry method)
5. Contour Lines and Determination of Area & Volume
6. Spatial Database (Attribute Data Structure and Spatial Data)
7. Digital Maps (Software, Converting Analog Maps to Digital Maps, Digitization, Editing, and Map Layout)
8. Geodatabases and Topology
9. Spatial Data

The learning methods implemented

Learning methods in Mapping and GIS courses:

1. Small Group Discussion
2. Project/ Case Study
3. Self-Directed Learning
4. Lecture reconstruction
5. Quiz

The assessment method implemented

1. Quiz
2. Task
3. 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)
KU3	CLO-2	Project/Case Study	5.00 %	78.01
KU3	CLO-2	Project/Case Study	100.00 %	84.95
KU3	CLO-3	Project/Case Study	5.00 %	78.02
KU3	CLO-3	Project/Case Study	2.00 %	78.11
KU3	CLO-3	Task	3.00 %	78.33
KU3	CLO-3	Project/Case Study	1.00 %	77.64

LOs that are charged to the Course	CLO	Assessment Form	Weight	Average student score (0-100)
KU3	CLO-3	Quiz	2.00 %	78.84
KU3	CLO-3	Task	2.00 %	77.63
P4	CLO-1	Project/Case Study	5.00 %	83.60
P4	CLO-1	Project/Case Study	100.00 %	84.95
KK3	CLO-3	Project/Case Study	100.00 %	84.95
KK3	CLO-4	Project/Case Study	2.00 %	78.67
KK3	CLO-4	Quiz	4.00 %	78.13
KK3	CLO-4	Task	7.00 %	77.46
KK3	CLO-4	Project/Case Study	9.00 %	79.05
KK3	CLO-4	Task	2.00 %	78.91
KK3	CLO-4	Quiz	2.00 %	76.79
KK3	CLO-4	Project/Case Study	1.00 %	78.05
KK3	CLO-5	Project/Case Study	9.00 %	78.30
KK3	CLO-5	Quiz	2.00 %	77.81
KK3	CLO-5	Project/Case Study	10.00 %	77.73
KK3	CLO-5	Quiz	3.00 %	78.11

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	43.87%
CLO-2	43.87%
CLO-3	43.87%

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	60 (38.7%)

Course Grade	Number and Percentage of Students
A-	26 (16.8%)
B+	62 (40.0%)
B	3 (1.9%)
B-	0 (0.0%)
C+	0 (0.0%)
C	1 (0.6%)
D	2 (1.3%)
E	1 (0.6%)

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

Syamsuddin, S.Si.,MT.
NIP 197401152002121001