COURSE PORTFOLIO

Study Program : MATHEMATICS - S1

Semester : EVEN 2024/2025

Course Code : 23H01121403

Course Name : Algebraic Structure

Coordinator : Dra. Nur Erawati, M.Si.

Lecturer Team Member : Dra. Nur Erawati, M.Si., Prof. Dr. Amir Kamal Amir, 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	е		Student Attendance
	Prof. Dr. Amir Kamal Amir, M.Sc.	:	8 times	Number of students: 44 persons
Algebra A Structure	Dra. Nur Erawati, M.Si.	:	8 times	Presence ≥ 80% : 44 persons (100.00 %)
	Total Meeting : 16 times.			Presence < 80% : 0 person (0.00 %)
	Prof. Dr. Amir Kamal Amir, M.Sc.	:	8 times	Number of students: 32 persons
Algebra B Structure	Dra. Nur Erawati, M.Si.	:	8 times	Presence ≥ 80% : 31 persons (96.88 %)
	Total Meeting : 16 times.			Presence < 80% : 2 persons (6.25 %)

Materials/practicum provided

Group, subgroup, cyclic group, stretched abel group finite, coset, factor group, homomorphism, ring

The learning methods implemented

Cooperative learning, collaborative learning, small group discussions, project based learning

The assessment method implemented

- 1. Case Studies
- 2. Presentation
- 3. Final Test
- 4. Mid Test

5. Independent Assignment

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	Case Studies	15.00 %	79.64
P2	CLO-1	Final Test	15.00 %	36.06
P2	CLO-1	Presentation	20.00 %	73.44
P2	CLO-1	Independent Assignment	15.00 %	29.84
P2	CLO-1	Presentation	10.00 %	31.88
P2	CLO-2	Case Studies	15.00 %	89.21
P2	CLO-2	Mid Test	20.00 %	68.26
P2	CLO-2	Independent Assignment	15.00 %	29.84
P2	CLO-2	Presentation	20.00 %	73.44
P2	CLO-2	Case Studies	10.00 %	31.88
KU1	CLO-1	Case Studies	15.00 %	79.64
KU1	CLO-1	Final Test	15.00 %	36.06
KU1	CLO-1	Independent Assignment	15.00 %	29.84
KU1	CLO-1	Presentation	10.00 %	31.88
KU1	CLO-1	Presentation	20.00 %	73.44
KU1	CLO-2	Case Studies	10.00 %	31.88
KU1	CLO-2	Presentation	20.00 %	73.44
KU1	CLO-2	Independent Assignment	15.00 %	29.84
KU1	CLO-2	Mid Test	20.00 %	68.26
KU1	CLO-2	Case Studies	15.00 %	89.21
KU2	CLO-3	Presentation	10.00 %	31.88
KU2	CLO-3	Presentation	20.00 %	73.44
KU2	CLO-3	Independent Assignment	15.00 %	29.84

LOs that are charged to the Course	CLO	Assessment Form	Weight	Average student score (0-100)
KU2	CLO-3	Case Studies	15.00 %	74.81
KU2	CLO-3	Final Test	15.00 %	36.06

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)

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CLO	% of students who achieved a CLO score of at least 80

b: result criteria: very satisfactory if ≥80% of students score ≥80; satisfactory if 70%-79.9% of students score ≥80; less satisfactory if < 70% of students score ≥80.

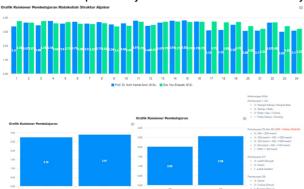
Course Grade

Course Grade	Number and Percentage of Students
A	5 (6.6%)
A-	3 (3.9%)
B+	7 (9.2%)
В	5 (6.6%)
B-	10 (13.2%)
C+	14 (18.4%)
С	21 (27.6%)
D	5 (6.6%)
E	6 (7.9%)

3. Learning evaluation (survey) results

(data source: items / narratives of the results of the MK evaluation questionnaire by students)

Hasil Evaluasi pembelajaran mata kuliah Struktur Aljabar





Hasil Pengukuran CPL Mata Kulia Struktur Aljabar





4. Analysis and Reflection

The average student learning achievement has decreased, this may be due to several factors, namely students have not been able to manage their study time, the learning process is still one way, meaning students are less active in the process.

5. Follow-up Plan

1. Evaluate and Improve Learning Materials

Analyze the causes of the decline in achievement, especially in ILO-4 in GENAP 2024/2025, then revise teaching materials and methods to make them more effective and easier to understand.

2. Student Assistance

Provide additional tutoring sessions and encourage the formation of study groups to help students who are experiencing difficulties.

3. Periodic Monitoring and Evaluation

Regularly evaluate achievements every semester to ensure continuous improvement and improvement of CPL.

6. Follow-up results on the previous semester's evaluation

Remedial provision plan for students who have not achieved the expected CPL. Apart from that, more effective learning methods will be developed.

Makassar, 17 Oktober 2025

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