COURSE PORTFOLIO

Study Program	:	MATHEMATICS - S1
Semester	:	EVEN 2024/2025
Course Code	:	23H01110303
Course Name	:	Basic Mathematics II
Coordinator	:	Prof. Dr. Nurdin, S.Si., M.Si.
Lecturer Team Member	:	Naimah Aris, S.Si.,M.Math.

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
Basic Mathematics II B	Naimah Aris, S.Si.,M.Math. : times Total Meeting : times.	Number of students: 38 persons Presence ≥ 80% : Presence < 80% :
Basic Mathematics II A	Total Meeting : times.	Number of students: 39 persons Presence ≥ 80% : Presence < 80% :

Materials/practicum provided

1. Functions of Two or More Variables
2. Limits and Continuity
3. Partial Derivatives and Directional Derivatives; Plinom Taylor
4. Extreme Values of Functions of Two or More Variables.
5. Double Integrals and Triple Integrals
6. Introduction to Matrix Theory
7. Systems of Linear Equations
8. Differential Equations

The learning methods implemented

Cooperative learning, Project-based Learning, Problem-based Learning, Case Study

The assessment method implemented

1. Case Studies
2. Mid Test
3. Final Test

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)
ILO 1	CLO-1	Case Studies	6.00 %	67.73
ILO 1	CLO-1	Case Studies	8.00 %	67.73
ILO 1	CLO-1	Case Studies	3.00 %	67.73
ILO 1	CLO-1	Mid Test	20.00 %	67.73
ILO 1	CLO-1	Final Test	20.00 %	67.73
KU1	CLO-2	Case Studies	8.00 %	67.73
KU1	CLO-2	Case Studies	10.00 %	67.73
KU1	CLO-2	Case Studies	7.00 %	67.73
KU1	CLO-2	Mid Test	20.00 %	67.73
KU1	CLO-2	Final Test	20.00 %	67.73

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	15.58%
CLO-2	15.58%

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	8 (10.4%)
A-	4 (5.2%)
B+	8 (10.4%)
B	11 (14.3%)

Course Grade	Number and Percentage of Students
B-	19 (24.7%)
C+	12 (15.6%)
C	13 (16.9%)
D	0 (0.0%)
E	2 (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

Gagal diterjemahkan

5. Follow-up Plan

In response to the CPL achievement results for Basic Mathematics II which are consistently below the target with a uniform score of 67.74, which indicates a strong reliance on a single assessment method, the follow-up plan will focus on diversifying evaluation methods. This step will include the introduction of a variety of assessment instruments such as formative quizzes, structured assignments, and midterm exams, with each instrument specifically designed to measure the relevant CPL. The main aim is to get a more valid and detailed picture of achievement, so that corrective interventions can be carried out in a more targeted manner to raise student achievement closer to the target of 80 in the next period.

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

Following up on the findings of the previous semester's evaluation for Basic Mathematics II, which identified low and uniform performance (score 67.74) as a strong indication of reliance on a single assessment method, a structural intervention in the evaluation system has been implemented. The plan centers on diversifying assessment methods by introducing formative quizzes and midterm exams to complement final evaluations. The diversification of assessments succeeded in providing a more valid picture of achievements and encouraging better understanding, so it is recommended to be used as a permanent standard in the future.

Makassar, 24 Oktober 2025

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