

COURSE PORTFOLIO

Study Program	: MATHEMATICS - S1
Semester	: ODD 2023/2024
Course Code	: 23H01120303
Course Name	: Probability Theory
Coordinator	: Nur Rohmah Oktaviani Putri, S.Si., M.Si
Lecturer Team Member	: Nur Rohmah Oktaviani Putri, S.Si., M.Si, Dr. Firman, 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
Probability Theory A	Dr. Firman, S.Si.,M.Si.	: 8 times	Number of students: 44 persons
	Nur Rohmah Oktaviani Putri, S.Si., M.Si	: 8 times	Presence $\geq 80\%$: 41 persons (93.18 %)
			Presence $< 80\%$: 3 persons (6.82 %)
	Total Meeting : 16 times.		
Probability Theory B	Dr. Firman, S.Si.,M.Si.	: 8 times	Number of students: 27 persons
	Nur Rohmah Oktaviani Putri, S.Si., M.Si	: 8 times	Presence $\geq 80\%$: 25 persons (92.59 %)
			Presence $< 80\%$: 2 persons (7.41 %)
	Total Meeting : 16 times.		

Materials/practicum provided

1. Introduction to Probability Theory
2. Multivariate distributions
3. Some special distributions
4. Distribution of variable functions random (Distribution of function of random variables)
5. Limiting distributions (Limiting distributions)

The learning methods implemented

Small Group Discussion, Discovery Learning, Case Study

The assessment method implemented

1. Quiz
2. Mid Test
3. Final Test
4. 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)
ILO 1	CLO-1	Independent Assignment	20.00 %	84.39
ILO 1	CLO-1	Mid Test	20.00 %	84.25
ILO 1	CLO-2	Independent Assignment	20.00 %	84.39
ILO 1	CLO-2	Final Test	25.00 %	82.97
ILO 1	CLO-2	Independent Assignment	15.00 %	83.63
ILO 1	CLO-2	Mid Test	20.00 %	84.25
ILO 1	CLO-2	Quiz	10.00 %	83.76
P2	CLO-3	Mid Test	20.00 %	84.25
P2	CLO-3	Quiz	10.00 %	83.76
P2	CLO-3	Final Test	25.00 %	82.97
P2	CLO-3	Independent Assignment	20.00 %	84.39
P2	CLO-4	Quiz	10.00 %	83.91
P2	CLO-4	Mid Test	20.00 %	84.25
P2	CLO-4	Final Test	25.00 %	82.97
P2	CLO-4	Independent Assignment	15.00 %	83.63
KK1	CLO-5	Final Test	25.00 %	82.97
KK1	CLO-5	Mid Test	20.00 %	84.25
KK1	CLO-5	Independent Assignment	15.00 %	83.63
KK3	CLO-5	Independent Assignment	15.00 %	83.63

LOs that are charged to the Course	CLO	Assessment Form	Weight	Average student score (0-100)
KK3	CLO-5	Mid Test	20.00 %	84.25
KK3	CLO-5	Final Test	25.00 %	82.97

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	97.18%
CLO-2	97.18%
CLO-3	97.18%
CLO-4	97.18%
CLO-5	97.18%

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 .

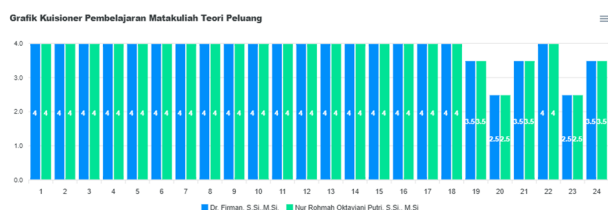
Course Grade

Course Grade	Number and Percentage of Students
A	51 (71.8%)
A-	18 (25.4%)
B+	0 (0.0%)
B	0 (0.0%)
B-	0 (0.0%)
C+	0 (0.0%)
C	0 (0.0%)
D	0 (0.0%)
E	2 (2.8%)

3. Learning evaluation (survey) results

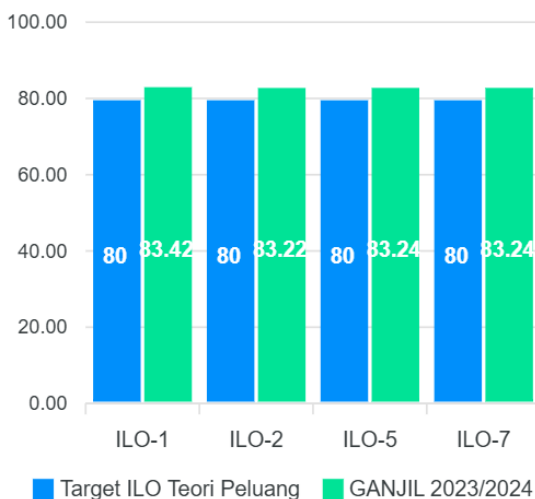
(data source: items / narratives of the results of the MK evaluation questionnaire by students)

Hasil Evaluasi Pembelajaran Matakuliah Teori Peluang





Grafik ILO MK (Teori Peluang)



Hasil Pengukuran CPL Mata Kuliah Teori Peluang

4. Analysis and Reflection

Analysis and Reflection

Analysis

Analysis of the data shows that the performance of the Opportunity Theory Course is at a very good and satisfactory level. Learning outcomes in all measured aspects have consistently succeeded in meeting and even slightly exceeding the set targets. In addition, the performance shown is very even and stable across all learning outcomes, without any significant gaps between one area and another, which indicates the success of the comprehensive learning process in that period.

Reflection

This superior and consistent performance reflects that the course design and implementation has been very effective. There is strong alignment between the teaching process, the material provided, and the evaluation system, so that students are able to achieve learning goals very well. Therefore, follow-up for this course is no longer corrective, but focuses on efforts to maintain existing standards of excellence.

The reflection is the importance of documenting existing good practices and continuing to carry out continuous optimization to maintain consistent quality in the future.

5. Follow-up Plan

In response to the excellent and consistent achievements in the Opportunity Theory Course, where all learning targets were successfully exceeded, the follow-up plan is not remedial in nature, but focuses on standardization of good practices and quality sustainability. This step will include official documentation of teaching methods and evaluation systems that have been proven effective to serve as reference models. The main goal is to maintain consistent high performance in future course implementation and make it a model for other basic courses.

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

Following up on the findings of the previous semester's evaluation for the Opportunity Theory Course, which showed very superior performance and consistently exceeding targets, an action plan has been implemented. Furthermore, it is necessary to maintain quality stability and carry out continuous innovation to maintain the standards of excellence that have been achieved.

Makassar, 21 Oktober 2025

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