COURSE PORTFOLIO

Study Program	:	GEOPHYSICS - S1
Semester	:	EVEN 2023/2024
Course Code	:	23H06110202
Course Name	:	Introduction to Programming
Coordinator	:	Dr. Muhammad Alimuddin, Eng.
Lecturer Team Member	:	Dr. Muhammad Alimuddin, Eng., Dr. Muhammad Taufiq Rafi

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
INTRODUCTION TO PROGRAMMING (A)	Dr. Muhammad Alimuddin, Eng.	:	8 times	Number of students: 42 persons
	Dr. Muhammad Taufiq Rafi	:	8 times	Presence ≥ 80% : 42 persons (100.00 %) Presence < 80% : 0 person (0.00 %)
	Total Meeting : 16 times.			
INTRODUCTION TO PROGRAMMING (B)	Dr. Muhammad Alimuddin, Eng.	:	8 times	Number of students: 39 persons
	Dr. Muhammad Taufiq Rafi	:	8 times	Presence ≥ 80% : 39 persons (100.00 %) Presence < 80% : 0 person (0.00 %)
	Total Meeting : 16 times.			

Materials/practicum provided

Learning materials in the Introduction to programming course:
1. Installing Python, Editor and Virtual Environment

2. Jupyter Lab and Google Colab

3. GIT

4. Scientific Computing (Python)

5. Data Science (Python)

The learning methods implemented

The learning methods used for the introductory programming course are:

1. Small Group Discussion
2. Project-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	Project/Case Study	2.00 %	77.05
P2	CLO-1	Project/Case Study	4.00 %	77.05
P2	CLO-1	Task	8.00 %	93.83
P2	CLO-1	Project/Case Study	28.00 %	77.05
KU2	CLO-2	Project/Case Study	14.00 %	75.36
KU2	CLO-2	Project/Case Study	2.00 %	75.36
KU2	CLO-2	Task	8.00 %	93.83
KU2	CLO-2	Project/Case Study	4.00 %	75.36
KU2	CLO-2	Project/Case Study	28.00 %	75.36

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	93.83%
CLO-2	93.83%

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	12 (14.8%)
A-	64 (79.0%)
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	5 (6.2%)

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

Dr. Muhammad Alimuddin, Eng.
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