



Universitas Negeri Surabaya
Faculty of Social Sciences and Law
Geography Education Undergraduate Study Program

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date		
Thematic Cartography	8720202081		T=2 P=0 ECTS=3.18	2	July 18, 2024		
AUTHORIZATION	SP Developer		Course Cluster Coordinator	Study Program Coordinator			
	Dr. Nugroho Hari Purnomo, S.P., M.Si.			
Learning model	Case Studies						
Program Learning Outcomes (PLO)	PLO study program which is charged to the course						
	Program Objectives (PO)						
	PLO-PO Matrix						
		P.O					
Short Course Description	Able to draw the relief of the earth's surface properly and correctly using hachuring, plastic shading, contouring, morphography, and Tanaka Kitiro methods through independent assignments, able to draw hydrographic features and human work on maps using various appropriate symbols through group work. Able to do lettering on maps well and correctly using various types of letters and appropriate letter placement through group work. Able to understand well the composition and layout of maps by observing various types of maps. Able to create maps with certain themes (thematic) using appropriate quantitative and qualitative symbols through group work.						
	References						
Supporting lecturer	Main :						
	1. Subagio, 2003, Pengetahuan Peta, Bandung : ITB. 2. Grafarend, E.W., 2013, Map Projections. Cartographic Information System. Stuttgart: Springer. 3. Raiz, Erwin, 1984, General Cartography, New York : John Wiley & Sons, Inc. 4. Robinson, A., 1995, Elements of Cartography, New York : John Wiley & Sons, Inc.						
	Supporters:						
Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

1	Able to draw the relief of the earth's surface using the Hachuring method	1. Explain the meaning of the relief of the earth's surface 2. Explain the meaning of Hachuring 3. Drawing the relief of the earth's surface using the hachuring method	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the map drawing results is given a weighted value of 0 - 60% 5.3. Neatness in drawing maps is given a weight of 0 - 10% 6.- The total number of values is 0 - 100	- Discussion-Reflection-Assignment 2 X 50		0%
2	Able to draw the relief of the earth's surface using the Plastic Shading method	1. Explain the meaning of plastic shading 2. Drawing the relief of the earth's surface with plastic shading	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- the total number of values is 0 - 100	- Discussion-Reflection-Assignment 2 X 50		0%
3	Able to draw the relief of the earth's surface using the counting method	1. Explain the meaning of the contouring method 2. Explain the properties of contour lines 3. Drawing the relief of the earth's surface using the contouring method 4. Explain the advantages of the contouring method	Criteria: 1. Structured assignment values 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Image fragility is given a weighted value of 0 -10% 6.- The total number of values is 0 - 100	- Discussion-Reflection-Assignment 2 X 50		0%

4	Able to draw the relief of the earth's surface using the morphographic method	1. Explain the meaning of morphology 2. Drawing the relief of the earth's surface using the morphographic method	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- the total number of values is 0 - 100	- Discussion-Reflection-Assignment 2 X 50		0%
5	Able to draw reliefs of the earth's surface using the Tanaka Kitiro method	1. Explain the meaning of Tanaka Kitiro2. Drawing the relief of the earth's surface using the Tanaka Kitiro method	Criteria: 1. Structured assignment grades 2.- The assessment component consists of 3.1. Timeliness of submitting assignments is given a weight of 0 -30% 4.2. The accuracy of the depiction results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- the total number of values is 0 - 100	- Discuss-Reflection-Task 2 X 50		0%
6	Able to understand the concept of symbols in making maps	1. Explain the meaning of symbols 2. Explain the classification of symbols 3. Explain the meaning of symbols in making maps 4. Explain symbols based on their values5. Draw symbols based on their values6. Explain symbols based on their shape7. Draw symbols based on their shape 8. explain the benefits of using symbols on maps	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- The total number of values is 0 to 100	- Discussion-Presentation-Reflection-Assignment 2 X 50		0%

7	Able to understand the concept of symbols in making maps	1. Explain the meaning of symbols 2. Explain the classification of symbols 3. Explain the meaning of symbols in making maps 4. Explain symbols based on their values 5. Draw symbols based on their values 6. Explain symbols based on their shape 7. Draw symbols based on their shape 8. explain the benefits of using symbols on maps	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. The timeliness of submitting assignments is given a weight of 0 -30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighting value of 0 - 10% 6.- The total number of values is 0 -100	- Discussion-Reflection - Assignment 2 X 50			0%
8	UTS		Criteria: 1. Assessment criteria : 2.- Each question item is given a weighted value according to its respective level of difficulty 3.- the total value is between 0 and 100	2 X 50			0%
9	Able to draw hydrographic features and human works with appropriate symbols	1. Explain the meaning of hydrographic features 2. Give examples of hydrographic features 3. Draw hydrographic features on the map with good and correct symbols 4. Explain the meaning of human work 5. Provide examples of human work 6. Draw the appearance of human work on a map with good and correct symbols	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the symbol depiction results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- The total number of values is 0 to 100	- Discussion-Reflection-assignment 2 X 50			0%
10	Able to understand the concept of lettering in mapping	1. Explain the meaning of lettering 2. Explain the benefits of lettering in maps 3. Explain the use of various letters in lettering 4. Explain the correct placement of letters to depict a map 5. Provide examples of good and correct lettering	Criteria: 1. Written test scores 2.- Each question item is given a weighted value according to the level of difficulty of each question 3.- The total value is 0 to 100	- Discussion-Reflection-Assignment 2 X 50			0%

11	Able to understand color composition and shading in making thematic maps	1. Explain the composition of the map 2. Explain the meaning of Map Lay Out 3. Explain the benefits of composition and layout in making maps 4. Provide examples of good map composition and layout	Criteria: 1. Structured Task Values 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. The neatness of the image is given a weight of 0 - 10% 6.- The total value is 0 to 100	- Discussion-Reflection-Assignment 2 X 50			0%
12	Able to understand the concept of color composition and shading in map making	1. Explain the meaning of color composition 2. Give an example of a good color composition that meets the requirements 3. Explain the meaning of shading 4. Give examples of various shading models	Criteria: 1. Structured Assignment Grades 2.- The assessment component consists of: 3.1. Timeliness of submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- The total value is 0 to 100	- Discussion-Reflection-Assignment 2 X 50			0%
13	Able to understand the requirements for making good and correct maps	1. Explain the map title properly and correctly. Explain the correct and correct map scale 3. Provide examples of good and correct map symbols 4. Explain the correct map outline, latitude and longitude 5. Give examples of good and true legends 5. Give examples of good and correct inserts	Criteria: 1. Written test scores 2.- Each question item is given a weighted value according to the level of difficulty of each question 3.- The total number of values is between 0 and 100	- Discussion-Reflection-Presentation 2 X 50			0%

14	Able to create good and correct thematic maps	1. Explain the meaning of a thematic map 2. Determine the map elements needed in making the map 3. Create a map with a specific theme using color symbols, shading, or dots 4. Create a map with a specific theme using the bar symbol 5. Create maps with certain themes using flow lines	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Accuracy in submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- The total value is 0 to 100	Independent Assignment 4 X 50			0%
15	Able to create good and correct thematic maps	1. Explain the meaning of a thematic map 2. Determine the map elements needed in making the map 3. Create a map with a specific theme using color symbols, shading, or dots 4. Create a map with a specific theme using the bar symbol 5. Create maps with certain themes using flow lines	Criteria: 1. Structured assignment grades 2.- The assessment component consists of: 3.1. Accuracy in submitting assignments is given a weight of 0 - 30% 4.2. The accuracy of the drawing results is given a weighted value of 0 - 60% 5.3. Neatness is given a weighted value of 0 - 10% 6.- The total value is 0 to 100	Independent Assignment 4 X 50			0%
16							0%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

Notes

- Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
- The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
- Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
- Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
- Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
- Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
- Forms of assessment:** test and non-test.
- Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
- Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.

10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.