


Urban Morphology and Design Theory

		SEMESTER LEARNING PLAN										
		DEPARTMENT: URBAN AND REGIONAL PLANNING										
		FACULTY: CIVIL, PLANNING, AND EARTH										
COURSES NAME	URBAN MORPHOLOGY & DESIGN THEORY											
COURSES CODE	DK184301											
SEMESTER	III											
CREDITS	3 SKS (4.8 ECTS)											
LECTURER	Ardy Maulidy Navastara, ST., MT.											
	Rulli Pratiwi Setiawan, ST., M.Sc, Ph.D											
	Prananda Navitas, S.T., M.Sc., Ph.D											
	Karina Pradinie Tucunan, ST, M.Eng											
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COURSE METHODOLOGY	BK 1	BK 16	BK 20	BK 33	BK 23	BK 24						
	Urban Theory & Concept	Social Phenomenon	The Concept of Ecosystem	Theory & Concepts of Coastal	Theory & concept of urban design	Approaches & Procedures for UrbanDesign						
PROGRAM LEARNING OUTCOME (PLO)												
KNOWLEDGE	1.1	Able to understand and apply the theoretical concept of urban and regional planning in the aspects of urban studies, regional studies, spatial science, data science & computer application, socio-political, environmental management, built environment design, infrastructure and transportation system, coastal studies, management, economics										
	1.3	Able to apply the methods of spatial planning/aspatial in decision making										
COURSE LEARNING OUTCOME (CLO)												
KNOWLEDGE	Students are able to understand the concept of urban space structure											
	Students are able to understand the factors that determine the development of the city											
MAP OF PLO - CLO	CLO	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5	PLO-6	PLO-7	PLO-8	PLO-9	PLO-10	PLO-11

CPMK-1. Students are able to understand the concept of urban spatial structure	1										
CPMK-2. Students are able to understand the factors that determine the development of the city.	1										
CPMK-3. Students are able to understand the rationale and concept of urban design	1		1								
CPMK-4. Students are able to determine the elements of urban design and the method / process of urban design			1								
CPMK-5. Students are able to understand the city's design products			1								

MODULE

1	Concept of Urban Space Structure	Urban Theory & Concept	Theory & concept of urban design			
2	Factors that determine the development and form of the city	Urban Theory & Concept	Theory & concept of urban design	Social Phenomenon	Theory & Concepts of Coastal	The Concept of Ecosystem
3	Basic Idea and The Concept of Urban Design	Urban Theory & Concept	Theory & concept of urban design	Social Phenomenon	Theory & Concepts of Coastal	The Concept of Ecosystem
4	Elements of urban design	Social Phenomenon				
5	Elements in Urban Design	Urban Theory & Concept				
6	Students are able to understand the approaches and procedures of	Theory & concept of urban design	Approaches & Procedures for Urban Design			

	urban design					
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URBAN MORPHOLOGY & DESIGN THEORY COURSE LEARNING PLAN
ODD SEMESTER OF ACADEMIC YEAR 2021–2022

Week	Course Learning Outcome	Module Learning Outcome	Module	Learning Outcome	Scope of Material /Week	Learning Methods (M1 until M7)	Course Duration	Modes of Delivery	Performance Criteria and Indicators	Score (%)
1	2	3	4	5	6	7	8	9	10	11
Week 1	Students are able to understand the concept of urban space structure	Students are able to understand the concept of urban space structure	Concept of Urban Space Structure	Students are able to understand the concept of urban space structure	Discussion about SAP, evaluation, tasks. The concept of urban space structure	M1	100	Lecture, Discussion	Individuals activeness	
Week 2						M1, M3	160	Lecture, Discussion	Individuals activeness	
Week 3						M1, M3	160	Study Case	Individuals activeness	
Week 4	Students are able to understand the factors that determine the development of the city	Students are able to understand the factors that determine the development of the city	Factors that determine the development and form of the city	Students are able to understand the determinant of the development and form of the city	The determinants of urban development: topography	M1, M3	160	Lecture, Discussion, Study Case	Individuals activeness	

Week 5					The determinants of urban development: economic factors	M1, M3	160	Lecture, Discussion, Study Case, Task	Individuals activeness	
					Individual Task	M1, M3	160	Study Case, Task	Individuals activeness	2%
Week 6					The determinants of urban development: the transport factor	M1, M3	160	Lecture, Discussion, Study Case, Task	Individuals activeness	
					Individual Task	M1, M3	160	Study Case, Task	Individuals activeness	2%
Week 7					The determinants of urban development: socio-cultural factors, politics	M1, M3	160	Lecture, Discussion, Study Case, Task	Individuals activeness	
					Individual Task	M1, M3	160	Studi kasus, tugas		2%
					Collaborative groupwork on space structure and	M1, M3	640	Study Case, Task	Task 1	15%

					determinants of development and form of city					
Week 8					Written Test	M1, M3	120	Study Case,Task	Mid-Term Test	20%
						M1, M3				
Week 9			Basic Idea and The Concept of Urban Design			M1, M3	160	Lecture, Discussion ,Study Case,Task	Individuals activeness	
Week10		Students are able to determine the element of urban design according to Shirvani	Elements of urban design according to Shirvani	Students are able to determine the element of urban design according to Shirvani		M1, M3	160	Lecture, Discussion ,Study Case	Individuals activeness	
Week11		Students are able to determine the urban design elements according to Kevin Lynch	Elements of urban design according to Kevin Lynch			M1, M3	160	Lecture, Discussion ,Study Case	Individuals activeness	
					Collaborative grouptasks on Urban Design	M1, M3	640	Study Case,Task	Task 2	25%

					Elements					
Week12		Students are able to determine the elements of urban design: Utilities and IPR	Urban design elements : Utilities and IPR	Students are able to determine the elements of urban design: Utilities and IPR		M1, M3	160	Lecture, Discussion , Study Case,Task	Individuals activeness	
Week13		Students are able to determine the elementsof urban design: Finance, Regulation and Management	Urban design elements : Finance, Regulation and Management	Students are able to determine the elements of urban design: Finance, Regulation and Management		M1, M3	160	Lecture, Discussion ,Study Case,Task	Individuals activeness	
Week14		Students are able to understand the approaches and	Approach and procedure of urban design:	Students are able to understand the approaches and		M1, M3	160	Lecture, Discussion ,Study Case,Task	Individuals activeness	
					Individual Tasks	M1, M3	160	Study Case,Task		2%

		procedures of urban design: urban design as a process, design method	urban design as process, design method	procedures of urban design: urban design as a process, design method						
Week15		Students are able to understand the approaches and procedures of urban design: urban design according to Shirvani and urban design products		Students are able to understand the approaches and procedures of urban design: urban design according to shirvani and urban design products		M1, M3	160	Lecture, Discussion , Study Case,Task	Individuals activeness	
					Individual Tasks	M1, M3	160	Study Case,Task		2%
Week16					Written Test	M1, M3	120	Study Case,Task	Final Test	30%
					Task Submission	M3, M4	120	Task 2 Submission		

COURSE EVALUATION

Assignment in this course based on two, there are individual evaluation and group evaluation. And there are 4 evaluation:

Evaluation

1. Evaluation 1 (30%): Online Quiz (Individual) & Mid Semester Exam (UTS)
2. Evaluation 2 (20%): Assignment – Inventaritation element of Urban Design (Group)
3. Evaluation 3 (20%): Presentation the result from Inventaritation element of Urban Design (Group)
4. Evaluation 4 (30%): Online Quiz (Individual) & Final Semester Exam (UAS)

The description of each evaluation is:

1. Evaluation 1: Online Quiz (Individual): Mid Semester Exam (UTS)

Writing test aims to evaluate the understanding of material with comprehensive from the material that has been presented with comprehensive from material week 1st-8th.

2. Evaluation 2: Assignment – Inventaritation element of Urban Design (Group)

- This assignment aims to student can identified the element of urban design based on Shirvani's or Kevin Lynch criteria. In data collection consisting of facts, potential and problems; towards urban design elements of a corridor or region. The element of urban design according to Hamid Shirvani, is: land and building use; the shape of the building, mass. outdoor; circulation and parking; pedestrian path; signaling; preservation.
- This assignment done by group which is in one group maximum 5 students.
- Systematics of writing the report:
Chapter I. Introduction (background, the objectives, scope)
Chapter II. Fact
Chapter III. Potensi
Chapter IV. Problems
Chapter V. Conclusion
- Criteria evaluating for this assessment are:
 - a. The accuracy of formulating the background, objectives and scope of the assignment
 - b. Completeness of survey and identification results (Facts, Potential and Problems)
 - c. The accuracy of interpretation from the results of the survey and identification
 - d. Presentation of reports (photo, maps, data presentation, etc)
 - e. Conclusion

3. Evaluation 3: Presentation Results of Inventory of City Design Elements (Group)

- The objectives of this assignments are the students able to communicate result of survey and identification of elements urban design clearly, systematically and completely.
- This assignment is done by group which is maximum 5 students.
- Criteria evaluating for this assessment are:
 - a. Systematics of presentation
 - b. Clarity and completeness of presentation material

- c. Presentation skills
- d. Activity in discussion and accuracy in answering questions

4. Evaluation 4: Final Exam

Writing test aims to evaluation the understanding of material with comprehensive from the material that has been presented with comprehensive from material week 9th-14th.

EVALUATION DAN EVALUATION PLAN

Evaluation I: Online Quiz (Individu): Mid Semester Exam (UTS)

Course	Urban Morphology and Design Theory
Course Code	DK 184301
Semester	III
Credit	3

Subject (Week-)	Subject 1 - structure of urban spatial (Week ke-1 s.d. ke-3) Subject 2 - Factors that determine development and form of city (Week ke-4 s.d.ke-8)
The Objectives	<ul style="list-style-type: none"> • Students are able to understand structure of urban spatial: The students are able to understand the concept of urban spatial structure: definition and discourse of city morphology, history of developments and forms of cities in the world and in Indonesia • Students are able to understand the development factors and forms of the city: topographic, economic, socio-cultural, political factors.
Level depth of Evaluation Material (C1 sd C6)	C1, C2
Criteria of Evaluating	Attached
Material for Evaluation	<ul style="list-style-type: none"> - Structure of urban spatial - Factor that can be affected in development and shape of city
Implementation of Evaluation	Students answer online quiz questions provided by lecture lecturers.

CRITERIA OF EVALUATION I

The proportion for Evaluation I is 30%, there are:

Dimension	Very Good	Good	Average	Bad	Very Bad	Score
Description Problem (open question model) is assessed from the completeness and accuracy of the answer	All keywords are answered with the right explanation with clear paths accompanied by examples	All keywords are answered with the right explanation but the plot is not clear	The keywords are partially answered with the right explanation without flow	Keywords are less precise, explanations that are less precise and without flow	There are no keywords and explanations	
	86-100	76-85	66-75	56-65	0-55	

Evaluation II: Assignment – Inventaritation element of Urban Design (Group)

Course	Urban Morphology and Design Theory
Course Code	DK 184301
Semester	III
Credit	3
Subject (Week-)	Subject 4 – elements of urban design (Week ke-10 s.d. ke-11)
The Objectives	<ul style="list-style-type: none">• The students are able to determine the elements of urban design
Level depth of Evaluation Material (C1 sd C6)	C2
Criteria of Evaluating	Attached
Evaluation Material	The elements of urban design by Hamid Shirvani and Kevin Lynch
Implementation of Evaluation	The students do assignments according to guidelines that has given.

EVALUATION II: INVENTORY ELEMENT OF URBAN DESIGN IN A BLOCK OR CORRIDOR

Course Name : Urban Morphology and Design Theory
Semester/Code/Credit : III / DK18-4301 / 3
The Assignment Given : (Week 10th)
The Assignment submit : (Week 13th)

The Lecturers

ARDY MAULIDY NAVASTARA, ST., MT.

Dr. Ing. Ir. HARYO SULISTYARSO

A. ASSIGNMENTS DESCRIPTION

1. This assignment based on group, each group there are 5 students.
2. The assignments are do data collection consisting of facts, potential and problems; towards urban design elements of a corridor or region. The element of urban design according to Hamid Shirvani, is: land and building use; the shape of the building, mass. outdoor; circulation and parking; pedestrian path; signaling; preservation.

B. TITLE AND LOCATION OF ASSIGNMENTS

1. Title of assignments **“Inventory Element of Urban Design: Inventarisasi Elemen Urban Design: Potency, Fact, and Problems in Corridor or Block.....”**
2. Location in corridor or functional area
Example:
 - a. Corridor Rajawali Surabaya Street
 - b. Corridor Tunjungan
 - c. Block Area Religious Ampel
 - d. Block Area CBD Tunjungan
 - e. Block Area Taman Bungkul
 - f. etc
3. Group determine their own location with consult to the lecturer and expected to choose other than the example above.

C. REPORTING FORMAT AND SYSTEMATHICS

1. Systemathics of writing the report:
Chapter I. Introduction (background, the objectives, scope)
Chapter II. Fact
Chapter III. Potensi
Chapter IV. Problems
Chapter V. Conclusion
2. Assignment Format
 - a. **Typed at A4 paper**, space 1.5, free font, free of design cover (must clearly indicated a title, location, name and NRP of group).
 - b. **Picture at A3 paper folded to A4**; can be a map, diagram, sketch. The use of color images is more appreciated.

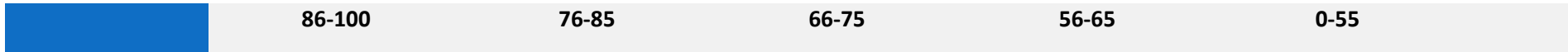
D. ASSISTANCE AND COLLECTION

1. The student must consultate minimum once to the lecturer.
2. Criteria for submit:
 - a. The report submit at **Week 13th** maximum **13.00 wib**, collectif in a cloud storage.
 - b. Groups that are late in entering assignments are still accepted but are reduced invalue.

E. CRITERIA OF EVALUATION II

The proportion for Evaluation II is 20%, there are :

Component	Excellent	Very Good	Good	Bad	Very Bad	Score
Introduction	The Empirical facts are completed and very relevant, the urgency of the problem is high	The Empirical facts are completed and very relevant, but the urgency is not high	The empirical facts are stated but not relevant and urgent	The empirical facts is not completed, not relevant and not urgent	Empirical facts is not stated and couldnt for the research question	
Literature Review	Literature review substance is completed and has stated more than the reference	Literature review substance is stated accordingly to TOR	Suitable for the topic but not completed	Unsuitable for the topic and not completed	Not completed and irrelevant	
Methodology	Data needed, how to obtain data and techniques to process data precisely and explained in detail	Data needed, how to obtain data and explained in detail but the data processing is not right	Understood how to obtain data but the data is not completed and the process is not right	Data needed, how to obtain data and data processing techniques is not right	Data is not needed, how to obtain data and data processing technique is not right	
Discussion	Data is completed and the interpretation is right	Data is completed but the interpretation is wrong	Data is completed but there is not interpretation	Data is not completed	Data is not complete and the interpretation is not right	
Conclusion	The quality of conclusions is appropriate according to the results of the analysis and answers the research objectives	The quality of conclusions is appropriate according to the results of the analysis but does not answer the research objectives	The quality of conclusions is appropriate according to the results of the analysis but does not answer the research objectives	Conclusion quality is not in accordance with the analysis and does not answer the research objectives	The quality of the conclusion is very inappropriate	



Evaluation III: Presentation Assignment – Inventaritation element of Urban Design(Group

Course	Urban Morphology and Design Theory
Course Code	DK 184301
Semester	III
Credits	3
Subject (Week-)	Subject 4 – The elements of urban design (Week 10 th - 11th)
The Objectives	<ul style="list-style-type: none">• The students are able to determine the elements of urban design
Level depth of Evaluation Material(C1 sd C6)	C2
Criteria of Evaluating	Attached
Material for Evaluation	The elements of urban design by Hamid Shirvani and Kevin Lynch
Implementation of Evaluation	The students do assignments according to guidelines that has given.

EVALUATION III: ASSIGNMENT PRESENTATION

A. THE OBJECTIVES

- The students are able formulate facts in the planning area.
- The students can understand the potential and problems in the planning area.
- The students are able to explain and make conclusion from fact based on elements that observed.

B. ASSIGNMENT MATERIAL

The outline are:

- Introduction
- General description of regional planning
- Potention of regional planning
- Problems of regional planning
- Conclusion

C. IMPLEMENTATION

- The students are advised to consult to the lecturer
- Presentation done by group.
- Each presentation maximum 15 minute

D. CRITERIA FOR EVALUATION III

The proportion for Evaluation III is 20%, there are:

Dimension	Very Good	Good	Average	Bad	Very Bad	Score
Technique of Presentation	The presentation was organized with showing fact that supported by example that already analyzed based on concept	The presentation was organized and showing fact that make sure to support the conclusions	The presentation has focus point and showing some evidence that support the conclusions	The presentation has focus point, but evidence were insufficient to use to form a conclusions.	There's no specific organization. Facts are not used to support their statement	
Content	Content that can be inspire listener to develop their minds.	Has an accurate and complete presentation. The listener has a new knowledge about that topics	Has an accurate content but not complete. The listener less active to discuss that topics	The content was less accurate because there's no data and fact that supports it	The content are not accurate and very common. Listener didn't get any lessons from this presentation	
Discussion	The right argumentation with example or the fact	The right argumentation but lacking of the fact	The lack of argumentation but have fact or example	The lack of argumentation and no have example	Argumentation is wrong	
	86-100	76-85	66-75	56-65	0-55	

EVALUATION IV– WRITING TEST (30%)

Course	Urban Morphology and Design Theory
Course Code	DK 184301
Semester	III
Credit	3
Subject (Week-)	Subject 4 - The elements of urban design (Week 10 s.d. 11) Subject 5 - The forms of urban design (Week 12) Subject 6 - Urban design approaches and procedures (Week 13 s.d. 14)
The Objectives	<ul style="list-style-type: none">• The students are able to determine the elements of urban design by Shirvanidan Kevin Lynch• The students are able to determine the form of urban design: utility and IPR, Financial, Regulation and management.• The students are able to understand urban design approaches and procedures: city design as a process, design method, and city design product
Level depth of Evaluation Material (C1 sd C6)	C1, C2
Criteria of Evaluating	Attached
Material for Evaluation	- The elements and forms of urban design - The approaches and procedures of urban design
Implementation of Evaluation	The students are answer some question from the online quiz that has setted by the lecturer.

CRITERIA OF EVALUATION IV

The proportion for Evaluation IV is 30%, there are:

Dimension	Very Good	Good	Average	Bad	Very Bad	Score
Description Problem (open question model) is assessed from the completeness and accuracy of the answer	All keywords are answered with the right explanation with clear paths accompanied by examples	All keywords are answered with the right explanation but the plot is not clear	The keywords are partially answered with the right explanation without flow	Keywords are less precise, explanations that are less precise and without flow	There are no keywords and explanations	
	86-100	76-85	66-75	56-65	0-55	