


DK184503 - Applied Urban Planning

	SEMESTER LEARNING PLAN			
	DEPARTMENT: URBAN AND REGIONAL PLANNING			
	FACULTY: CIVIL, PLANNING, AND EARTH			
COURSES NAME	APPLIED URBAN PLANNING			
COURSES CODE	DK184503			
SEMESTER	V			
CREDITS	4/ 6,40			
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	BK2	BK3	BK4	BK5
COURSE MATERIAL	Approaches and procedures in urban planning	urban planning analysis techniques	formulating urban planning scenario	formulating urban planning prescription
PROGRAM LEARNING OUTCOME (PLO)				
SPEISIFIC SKILLS	2.2	Able to utilize ICT in the management of data to produce information that is easily understood by the public and the decision makers		
	2.3	Able to analyze the spatial characteristics of urban, regional and coastal area through the linkage between of spatial and aspatial aspects to provide information as the basis for planning and modelling		
	2.4	Able to compile an alternative spatial model through a qualitative and quantitative approach in the form of scenarios setting the pattern of space and structure of urban, regional, and coastal area as well as propose the appropriate solutions		
	2.5	Able to produce creative, innovative, sustainable planning that are accommodating public interest in which the resulted plans are reviewed on the rules and theories of planning and communicating them visually, verbally and in writing so that can be accounted academically		
PROFESSIONAL ATTITUDE	3.1	Able to demonstrate the professional skills necessary to be effective and succeed in the modern workforce including work well in multi-disciplinary teams, the ability to create job opportunities the ability to formulate and solve problems, and the ability to communicate effectively, and to uphold standards of planning ethics and professionalism		
COURSE LEARNING OUTCOME (CLO)				
	<ol style="list-style-type: none"> 1. Students are able to do the planning process in preparing the plan of an urban area 2. Students are able to prepare a plan of an Urban Area correctly 3. Students are able to communicate their planning product well 			

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 carry out the planning process in preparing urban area plans					1	1	1				
	CPMK-2. Students are able to draw up spatial plans in urban areas					1	1	1	1			
	CPMK-3. Students are able to communicate the city spatial plan that has been prepared									1		
SUBJECT	<ol style="list-style-type: none"> 1. Urban area delineation and survey design 2. Survey data 3. Compilation of data 4. Data analysis 5. Preparation of concept, scenario, and spatial plan of urban area 6. Preparation of product planning 											

**APPLIED URBAN PLANNING COURSE LEARNING PLAN
ODD SEMESTER OF ACADEMIC YEAR 2021–2022**

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)	
1	2	3	4	5	6	7	8	9	10	11	
Week 1	Students are able to do the planning process in preparing a urban area spatial plan	Students are able to deliniate and construct survey design in planning area	deliniation of planning area and survey design	1. able to comprehend the planning process 2. understands the characteristic of planning area	1. urban planning procedure 2. reviewing related policy	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and temawork		
								200			assistance
								240			team assignment
Week 2		Students are able to deliniate and construct survey design in planning area	deliniation of planning area and survey design	1. able to construct a survey design and provide all necessary 2. able to deliniate the planning area	1. urban planning procedure 2. reviewing related policy	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and temawork		
								200			assistance

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)
1	2	3	4	5	6	7	8	9	10	11
							200	assistance		
							240	field survey		
Week 6		Students are able to compile all acquired data according to its structure, systematically, and communicative	data compilation	able to compile the acquired data	data presentation	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and temawork	
							200	assistance		
							240	data compiling		
Week 7		Students are able to compile all acquired data according to its structure, systematically, and communicative	data compilation	able to compile the acquired data	data presentation	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and temawork	
							200	assistance		
							240	data compiling		

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)
1	2	3	4	5	6	7	8	9	10	11
Week 8		Students are able to compile all acquired data according to its structure,	data compilation	able to present the compiled data	presenting data	M1, M3, M7	200	presentation and discussion	individual involvement and teamwork	20% (10% Individual & 10 % team)
		systematically, and communicative								
							200	assistance		
							240	construct an existing data report		
Week 9		Students are able to analyze all acquired data using correct model or analysis tool	data analysis	able to analyze every planning aspect with accordance to its analysis tools	analysis of planning data	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and teamwork	
							200	assistance		
							240	data analysis		
Week 10		Students are able to analyze all acquired data using correct model or	data analysis	able to analyze between planning aspect	analysis of planning data	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and teamwork	

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)
1	2	3	4	5	6	7	8	9	10	11
		analysis tool								
							200	assistance		
							240	analisis data		
Week 11		Students are able to analyze all acquired data using correct model or analysis tool	data analysis	able to analyze between planning aspect thus understand the potential	analysis of planning data and synthesis	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and teamwork	
				and problem of the area						
							200	assistance		
							240	data analysis		
Week 12		Students are able to analyze all acquired data using correct model or analysis tool	data analysis	able to present analysis result	analysis of planning data and synthesis	M1, M3, M7	200	presentation and discussion	individual involvement and teamwork	30% (10% individual & 20% team)
							200	assistance		
							240	data analysis		

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)
1	2	3	4	5	6	7	8	9	10	11
Week 13	Students are able to formulate an urban area spatial plan correctly	Students are able to construct concept, scenario, and spatial plan in urban area	construct planning document	able to construct planning design and concept	planning scenario	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and teamwork	
							200	assistance		
							240	construct planning scenario		
Week 14		Students are able to construct concept, scenario, and spatial plan in urban area	construct planning document	able to construct spatial planning in the planning area	land use pattern, spatial structure, controlling and utilizing	M1, M3, M7	200	face to face, lecture, presentation	individual involvement and teamwork	
							200	assistance		
					land use pattern, spatial structure, controlling and utilizing		240	construct a planning report		
Week 15		Students are able to construct concept, scenario, and spatial plan in urban	construct planning document	able to construct the planning document	land use pattern, spatial structure, controlling and utilizing	M1, M3, M7	200	face to face, lecture, presentation	teamwork	20% (team)

Lecturing week	Learning Outcome	Module Learning Outcome	Module	Learning outcome from weekly material	Scope	Learning Method wekk 1-7	Course Duration (minutes)	Modes of Delivery (presentation, discussion, quiz, practice)	Grading policy	assessment weight(%)
1	2	3	4	5	6	7	8	9	10	11
		area								
							200	assistance		
							240	construct planning report		
Week 16	Students are able to communicate their planning product well	Students are able to construct and communicate planning product	construct planning product	able to construct the spatial planning document and communicate it well	land use pattern, spatial structure, controlling and utilizing	M1, M3, M7	200	presentation and discussion	individual involvement and teamwork	30% (20% team dan 10% individual)
							200	assistance		
							240	construct planning report		

Literature : (Max 5)

- Norm, Standard, Guideline, and Manual (Norma, Standar, Panduan, dan Manual/NSPM) of urban planning
- Law and regulations related to planning
- Related reference about urban planning
- Urban and regional plan document

COURSE EVALUATION

Mechanism and evaluation proportion for APPLIED URBAN PLANNING course is:

1. Evaluation I (20%) : Fact Report (C1, C2)
 - Group Assignment
 - Able to compile survey results well (informative and interesting)
2. Evaluation II (20%) : Fact and Analysis Report (C1, C2,C3, C4)
 - Group Assignment
 - Able to analyze the data based on the planning aspects
3. Evaluation III (30%) : Plan Report (C1, C2, C3, C4, C5, C6)
 - Group Assignment
 - Able to produce spatial pattern plans, spatial structure plans, program indications, and planning control guidelines.
4. Evaluation IV (30%) : Oral Examination (C1, C2, C3, C4, C5, C6)
 - Individual assignment
 - Able to explain and criticize the planning process that have been produced

EVALUATION PLAN AND ASSESSMENT PLAN OF APPLIED URBAN PLANNING

1. EVALUATION I :

ASSIGNMENT I – Fact Report (C1, C2, C3)

Course	Applied Urban Planning
Credit	4/ 6,48
Modul Number (Subject)	Modul 1
The objective of modul	<ul style="list-style-type: none">• Students are able to arrange a survey design• Students are able to get planning data according to their needs• Students are able to compile informative data
The objective of assignment	<ul style="list-style-type: none">• Students are able to make informative data compilation reports• Students are able to present reports
The depth of assignment (C1 sd C6)	C1, C2, C3
Assignment Details	Attached below, about the description of the assignment and theevaluation criteria

**EVALUATION I:
ASSIGNMENT I – FACT REPORT**

A. OBJECTIVES

Evaluation I aims to enable students to compile the data needed in planning in their case area as needed. These data are compiled in an informative and interesting way, and are able to be presented clearly.

B. MATERIALS

In the form of compilation reports from secondary data surveys and primary surveys in the planning area.

C. IMPLEMENTATION

The assignment is done in groups (5-6 people) in the form of reports and presentations.

D. FORMAT OF REPORT

Fact Reports are arranged in a systematic manner as follows:

1. Introduction
2. Policy Review
3. Overview of the Planning Area

The task of reviewing students is compiled in the form of class e-books, and softcopy is collected by uploading it to class online drives

E. REPORT SUBMISSION

- Evaluation I was submitted at 6th week
- Evaluation I material was presented at the 6th and 7th weeks

G. EVALUATION CRITERIA

Assessment quality for Evaluation I is 20% that consist of:

No	Evaluation Aspect	Very Good 86-100	Good 76-85	Average 66-75	Bad 56-65	Very Bad 0-55	Score
1	The accuracy and completeness of data acquisition	Data in accordance with needs, updated data, correct sources, and the way to obtain the data is correct	Data is in accordance with the needs, updated data, correct sources, and the method of obtaining data is not correctly explained	The data is mostly in accordance with the needs, not all data is updated, sources that are not entirely correct, and the method of obtaining the data has not been fully explained correctly	Most of the data is not in accordance with the needs, lack of updated data, doubtful sources, and how to obtain them is not well explained	Overall data is not in accordance with the needs	
2	Presentation of interesting and informative data	Data is compiled in the form of infographic, spatial, and accurately described information	Data is compiled in the form of information that is quite informative, quite spatially, and fairly accurately described	Compilation of data is less explained infographically and spatially. Data description is less relevant to graphics	Most of the data is still in the form of raw data, which has not been processed infographically and spatially. The description is not synchronized with graphics and maps	Present irrelevant data	
3	Presentation skills	Informative media presentations, can explain verbally according to time allocation, can answer questions correctly, and	An informative media presentation, can explain verbally according to time allocation, unable to answer questions	Media presentations that are quite informative, less able to explain verbally in	Media presentations that are less informative, less able to explain verbally according	Presenting uninformative data	

		can sort and receive entries correctly	correctly, and unable to sort out and receive input correctly	accordance with the allocation of time, less able to answer questions correctly, and less able to sort and receive input correctly	to time allocation, less able to answer questions correctly, and less able to receive input correctly		
Average score obtained							

2. EVALUATION II :

ASSIGNMENT II – Facts and Analysis Report

Course	Applied Urban Planning
Credit	4/ 6,48
Modul Number (Subject)	Modul 1, 2
The objectives of modul	<ul style="list-style-type: none">• Students are able to arrange a survey design• Students are able to get planning data according to their needs• Students are able to compile informative data• Students are able to analyze each aspect of planning• Students are able to link the results of the analysis of each aspect of planning to produce planning issues, potentials and problems
The objectives of assignment	<ul style="list-style-type: none">• Students are able to make informative Fact-Analysis reports• Students are able to present reports orally
The depth of assignment (C1 sd C6)	C1, C2, C3, C4
Assignment Details	Attached below, about the description of the assignment and the evaluation criteria

**EVALUATION II:
ASSIGNMENT II – FACT AND ANALYSIS REPORT**

A. OBJECTIVES

Evaluation II aims for students to be able to formulate the analysis result of data compilation that has been done. Based on the results of the analysis, it can be formulated issues, potentials, and problems in the planning area, as well as being able to be presented clearly orally.

B. MATERIALS

A report on the compilation of the analysis result of every aspect in urban planning and presentation

C. IMPLEMENTATION

The task is done in groups (5-6 people) in the form of reports and presentations.

D. FORMAT OF REPORT

Fact Reports are arranged in a systematic manner as follows:

- Preliminary
- Policy Review
- Overview of the Planning Area
- Analysis of Planning Aspects
- Issues, Potentials, and Problems in Planning Areas
- The task of reviewing students so that they are compiled in the form of class e-books, and collected softcopy by uploading it to the class online drive

E. REPORT SUBMISSION

- Evaluation II was submitted at 10th week
- Evaluation II material was presented at the 10th and 11th weeks

G. EVALUATION CRITERIA

Assessment quality for Evaluation II is 20%, that consists of :

No	Aspek Penilaian	Very Good 86-100	Good 76-85	Average 66-75	Bad 56-65	Very Bad 0-55	Score
1	The accuracy and completeness of data analysis	Analysis of every aspect of urban planning is carried out correctly and correctly interpreted	Every urban planning analysis is carried out correctly, but is not properly interpreted	Most of the analysis is done correctly, and not all are interpreted correctly	Most are less precise in carrying out analysis and interpretation in every aspect of planning	Analysis and interpretation are incorrect	
2	Ability to formulate issues, potentials and problems	Issues, potentials, and problems are formulated systematically based on the linkage of the analysis results between aspects of planning	Most issues, potentials, and problems are formulated systematically based on the linkage of the analysis results between aspects of planning	Issues, potentials, and problems are formulated less based on the relevance of the analysis results between aspects of planning	Issues, potentials, and problems are only partially relevant, but they are not formulated based on the linkages of the analysis results between aspects of planning	Issues, potentials, and problems are not based on the linkage of analysis between aspects of planning	
3	Presentation skills	Informative media presentations, can explain verbally according to time allocation, can answer questions correctly, and can sort and receive entries correctly	An informative media presentation, can explain verbally according to time allocation, unable to answer questions correctly, and unable to sort out and receive input correctly	Media presentations that are quite informative, less able to explain verbally in accordance with the allocation of time, less able to answer questions correctly, and less able to sort and receive input correctly	Media presentations that are less informative, less able to explain verbally according to time allocation, less able to answer questions correctly, and less able to receive input correctly	Presenting uninformative data	
Average Score Obtained							

3. EVALUATION III :

ASSIGNMENT III – FINAL REPORT

Course	Applied Urban Planning
Credit	4/ 6,48
Modul Number (Subject)	Modul 1,2,3
The objectives of Modul	<ul style="list-style-type: none">• Students are able to arrange a survey design• Students are able to get planning data according to their needs• Students are able to compile informative data• Students are able to analyze each aspect of planning• Students are able to link the results of the analysis of each aspect of planning to produce planning issues, potentials and problems• Students are able to plan spatial patterns, spatial structures, implementation programs, and control guidelines
The objectives of assignment	<ul style="list-style-type: none">• Students are able to make informative plan reports• Students are able to present reports orally
The depth of assignment (C1 sdC6)	C1, C2, C3, C4, C5, C6
Assignment Details	Attached below, about the description of the assignment and the evaluation criteria

EVALUATION III: PLAN REPORT

A. OBJECTIVES

Evaluation III aims to enable students to form a plan for their planning area. The form of plan produced is in the form of spatial pattern plans, spatial structures plans, implementation programs, and control guidelines. Students are also able to present the planreport clearly orally.

B. MATERIALS

In the form of a Plan report and presentation of the plan report

C. IMPLEMENTATION

The task is done in groups (5-6 people) in the form of reports and presentations.

D. FORMAT OF REPORT

Fact Reports are arranged in a systematic manner as follows:

1. Introduction
2. Policy Review
3. Overview of the Planning Area
4. Analysis of Planning Aspects
5. Issues, Potentials, and Problems in Planning Areas
6. Plan for Space Structure
7. Spatial Pattern Plans
8. Indications of the Development Program
9. Guidelines for Control of Spatial Use

The assignment is compiled in the form of e-book classes, and softcopy is collected byuploading it to class' online drives

E. REPORT SUBMISSION

- Evaluation I was submitted at the 14th week
- Evaluation I material was presented at the 14th and 15th weeks

E. EVALUATION CRITERIA OF FINAL REPORT (30%)

No	Evaluation Aspect	Very Good 86-100	Good 76-85	Average 66-75	Bad 56-65	Very Bad 0-55	Score
1	Accuracy in formulating Spatial Patterns and Structures	The resulting spatial pattern and spatial structure can handle the issue, potential, and problem of the planning area	In the spatial structure and spatial pattern that is produced, there are a small number that have not been able to handle the issue, potential, and problems of the planning area	The spatial structure and spatial pattern produced have not yet dealt with issues, potentials and problems in the planning area	The spatial structure and spatial pattern produced are not related to the issue, potential, and problems of the planning area	The spatial structure and pattern is not right	
2	Ketepatan dalam meremuskan Indikasi Program dan pedoman pengendalian	Program indications and control guidelines can systematically describe the spatial structure and pattern	A small indication of the program and control guidelines is not systematically elaborated from the spatial structure and pattern	Most program indications and control guidelines are not systematically elaborated from the spatial structure and pattern	Program indications and control guidelines are less relevant to spatial structure and patterns	Program indications and control guidelines are incorrect	
3	Presentation skills	Informative media presentations, can explain verbally according to time allocation, can answer questions correctly, and can sort and receive entries correctly	An informative media presentation, can explain verbally according to time allocation, unable to answer questions correctly, and unable to sort out and receive input correctly	Media presentations that are quite informative, less able to explain verbally in accordance with the allocation of time, less able to answer questions correctly, and less able to sort and receive input correctly	Media presentations that are less informative, less able to explain verbally according to time allocation, less able to answer questions correctly, and less able to receive input correctly	Presenting uninformative data	
Average Score Obtained							

4. EVALUATION IV :
ASSIGNMENT IV – ORAL EXAMINATION

Course	Applied Urban Planning
Credit	4/ 6,48
Modul Number (Subject)	Modul 1,2,3
The objective of modul	<ul style="list-style-type: none"> • Students are able to arrange a survey design • Students are able to get planning data according to their needs • Students are able to compile informative data • Students are able to analyze each aspect of planning • Students are able to link the results of the analysis of each aspect of planning to produce planning issues, potentials and problems • Students are able to plan spatial patterns, spatial structures, implementation programs, and control guidelines
The objective of assignment	<ul style="list-style-type: none"> • Students are able to explain the processes and products of urban planning that are produced in accordance with their reasoning
The depth of assignment (C1 sd C6)	C1, C2, C3, C4, C5, C6
Assignment Details	Attached below, about the description of the assignment and the evaluation criteria

EVALUATION IV: ORAL EXAMINATION

Evaluation IV is in the form of an oral examination. Each group member will be interviewed by class lecturers related to the process and product planning that has been carried out.

A. OBJECTIVES

The purpose of Evaluation IV is that students are able to explain planning processes and products that have been arranged in accordance with their reasoning

B. IMPLEMENTATION

- Individual Evaluation
- Implementation of Evaluation IV will be carried out from week 16

C. EVALUATION CRITERIA (30%)

Evaluation Criteria	Very Good 86-100	Good 76-85	Average 66-75	Bad 56-65	Very Bad 0-55	Score
Accuracy in answering	Able to explain the relationship between aspects of planning to produce spatial structures and spatial patterns, program indications, and control guidelines	Most are able to explain the relationship between aspects of planning to produce spatial structure and spatial patterns, program indications, and control guidelines	Some are able to explain the relationship between aspects of planning to produce spatial structure and spatial patterns, program indications, and control guidelines	Most are not able to explain the relationship between aspects of planning to produce spatial structure and spatial patterns, program indications, and control guidelines	Not able to explain the relationship between aspects of planning to produce spatial structures and patterns of space, program indications, and control guidelines	
Ability to criticize	Able to criticize and provide appropriate input related to the planning process that has been carried out	Most are able to criticize and provide appropriate input related to the planning process that has been carried out	Some are able to criticize and provide appropriate input related to the planning process that has been carried out	Most of them are not able to criticize and provide appropriate input regarding the planning process that has been carried out	Not able to criticize and provide appropriate input related to the planning process that has been carried out	
Average Score Obtained						