



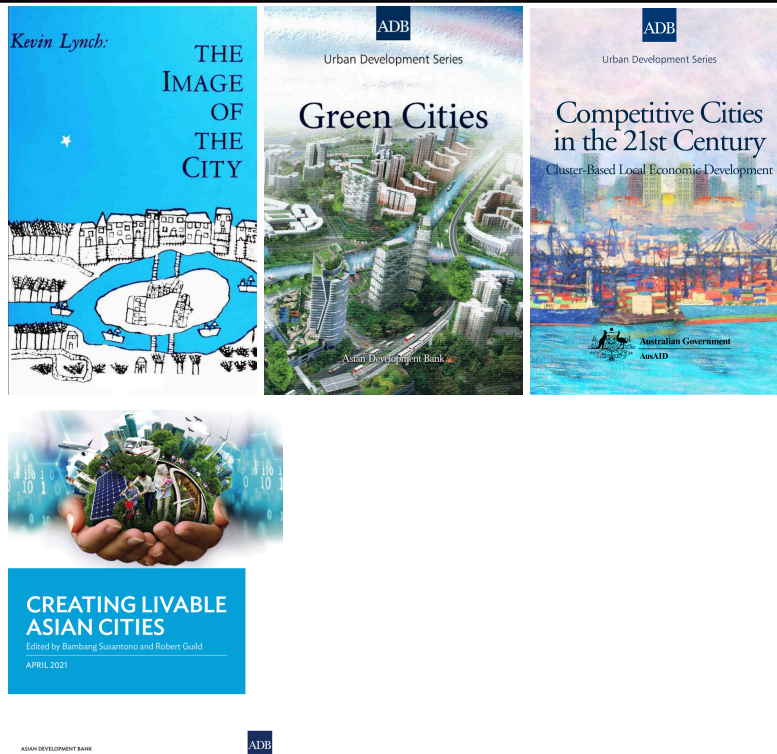
**BRAWIJAYA UNIVERSITY FACULTY OF ENGINEERING
PS S1 URBAN AND REGIONAL PLANNING**

SEMESTER LEARNING PLAN

SUBJECT	CODE	COURSE FAMILY	WEIGHT (credits)	SEMESTER	Date of Preparation
New Town Planning	TKW61027	URBAN PLANNING	3	V/VI	19 January 2024
AUTHORISATION City Planning Compartment	SEMESTER LEARNING PLAN DEVELOPER LECTURER		SUBJECT COORDINATOR		Head of Undergraduate Study Program
	1. Prof. Dr Ir. Surjono, MTP. 2. Dr Ir. Abdul Wahid H., MSP. 3. Dr Eng I Nyoman Suluh Wijaya, ST, MT. 4. Deni Agus Setyono, ST, M.Eng		DAS		SH

LEARNING OUTCOMES	ILO (Intended Learning Outcome)	
	1.	Able to explain theoretical concepts and apply research methods in the field of urban and regional planning.
	3.	Able to apply participatory, comprehensive rational, and strategic planning processes innovatively in the context of urban settlements, villages, cities, regions, transportation, or urban design.
	5.	Able to analyze and evaluate problems in the field of urban and regional planning using a comprehensive, advocacy-driven, and innovative rational planning approach.
	8.	Able to formulate concepts and develop spatial physical planning while considering socio-cultural, economic, institutional, and environmental aspects.
	11.	Able to demonstrate responsibility for work in their field of expertise, either independently or within a team, and develop organizational and entrepreneurial skills in accordance with laws, values, norms, and ethics.
	CLO (Class Learning Outcome)	
	1.	Students can explain the general understanding, history, concepts, planning and development process of new cities, as well as the categorisation and typology of new cities.
	2.	Students can articulate the criteria, processes and methods of new urban planning.
	3.	Students can describe the new city management system.
	4.	Students can analyse the planning and development of new cities in various regions of the world.
	SUB CLO	
	1	Able to explain the system and function of cities. Supports CLO 1
	2	Able to explain the concept of <i>sustainable urban development</i> . Supports CLO 1
	3	Able to explain the concept of <i>sustainable urban form</i> . Supports CLO 1
	4	Able to explain the concept, analysis and policy of developing sustainable urban infrastructure (facilities and infrastructure). Supports CLO 2

	5	Able to explain the concept, and analysis techniques for determining or developing urban spatial structure.	Supports CLO 3
	6	Able to explain the concepts, and analytical techniques for determining or formulating urban spatial patterns.	Supports CLO 3
	7	Able to explain aspects of mitigation and adaptation to disaster events in urban planning.	Supports CLO 4
	8	Explain the SEA instrument in the preparation of spatial planning policies (RTRW or RDTR).	Supports CLO 4
BRIEF DESCRIPTION OF THE COURSE	This course is an elective for Semester 7 (seven) students as a supporting and complementary instrument to increase students' knowledge and understanding of urban planning. The learning model in this course is the understanding of theories and methods for planning or developing new cities/urban areas both from literature studies and the implementation of laws and regulations. The material presented in this course is used as a basis to continue learning at the implementation stage of theories and methods in the final project course.		
OVERVIEW	MAIN		
	<ol style="list-style-type: none"> 1. Kevin Lynch. 1960. <i>The Image of the City</i>. MIT Press. 2. Djoko Sujarto. 1990. Mimeographed New Urban Development. ITB 3. Djoko Sujarto and B. Kombaitan. 1989. Conception of Guidelines for Planning and Designing New Towns in Indonesia. ITB 4. Tunjung W. Suharso. 1998. Aspects of Planning and Development of Metropolitan New Towns. Master's Thesis. ITB 5. Christopher Silver. 1992. <i>Planning and the new American city</i>. Journal URP ITB 6. Lindsay W. 1971. <i>Using models for newtown design</i>, Architecture. 7. _____, 1989. New Settlement Development Policy: Feasibility of New Towns in Indonesia. International Proceedings. Delft, Netherlands 8. Michael Lindfield and Florian Steinberg, 2012. <i>Green Cities</i>. Asian Development Bank. 9. KyeongAe Choe and Brian Roberts, 2011. <i>Competitive Cities in the 21st Century</i>. Asian Development Bank. 10. Bambang Susantono and Robert Guild, 2021. <i>Creating Livable Asian Cities</i>. Asian Development Bank. 		



SUPPORT

1. Journals related to new town planning (national and international).
2. Standards and guidelines related to new town planning.

LEARNING MEDIA

SOFTWARE

Microsoft Office,
 Online meeting applications (*Zoom, Webex, Googlemeet*)
 VLM2
 Gapura UB (SIADO and SIAM)

HARDWARE.

LCD, laptop, speakers, etc

TEAM TEACHING

1. Prof. Dr Ir. Surjono, MTP. **(SRJ)**
2. Dr Ir. Abdul Wahid H., MSP. **(AWH)**
3. Dr Eng I Nyoman Suluh Wijaya, ST, MT. **(INSW)**
4. **Deni Agus Setyono, ST, M.Eng (DAS)**

COURSE REQUIREMENTS

-

Description ILO S1 URP Study Program

1	Able to explain theoretical concepts and apply research methods in the field of urban and regional planning.
2	Able to carry out surveys in regional and urban planning, both individually and in groups effectively and efficiently.
3	Able to apply innovative participatory, comprehensive rational and strategic planning processes in the scope of urban settlement planning, villages, cities, regions, transport or urban design.
4	Able to use processes and methods of infrastructure planning and disaster mitigation; as well as environmental management, information systems, urban management, and public policy.
5	Able to analyse and evaluate problems in the field of URP with a comprehensive, advocative, and innovative rational planning approach.

	6	Able to operate software applications that support research, planning and design in the field of URP.
	7	Able to apply theories and methods in the field of URP for the integration of planning and development of resilient villages and cities.
	8	Able to formulate concepts and prepare spatial physical planning by considering socio-cultural, economic, institutional, and environmental aspects.
	9	Able to present concepts and methods communicatively and provide assistance or facilitation in planning activities.
	10	Able to compile scientific work and its publication in the form of research or planning results.
	11	Apply a responsible attitude to work in their field of expertise independently or in a team and develop organisational and entrepreneurial skills, following laws, values, norms and ethics.

PORTFOLIO WEIGHT (MANAGEMENT INFORMATION SYSTEM INPUT)

The following entries are for the evaluation of CLO and ILO achievements

CLO-ILO Weight Mapping

	ILO 1	ILO 2	ILO3	ILO 4	ILO 5	ILO 6	ILO 7	ILO 8	ILO 9	ILO 10	ILO 11	Total
Students can explain the general understanding, history, concepts, planning and development process of new cities, as well as the categorisation and typology of new cities.	0,6	0	0,2	0	0,1	0	0	0	0	0	0,1	1
Students can articulate the criteria, processes and methods of new urban planning.	0,2	0	0,5	0	0,3	0	0	0	0	0	0,1	1
Students can describe the new city management system.	0,2	0	0,2	0	0,5	0	0	0	0	0	0,1	1
Students can analyse the planning and development of new cities in various regions of the world.	0	0	0,1	0	0,2	0	0	0,6	0	0	0,1	1

Assessment weight mapping - CLO

	Students can explain the general understanding, history, concepts, planning and development process of new cities, as well as the categorisation and typology of new cities.	Students can articulate the criteria, processes and methods of new urban planning.	Students can describe the new city management system.	Students can analyse the planning and development of new cities in various regions of the world.	Total
TASK1	1				1
CB1		1			1
CB2			1		1
CB3				1	1
MID-EXAM1	1				1

Assessment weight mapping - CLO

	Students can explain the general understanding, history, concepts, planning and development process of new cities, as well as the categorisation and typology of new cities.	Students can articulate the criteria, processes and methods of new urban planning.	Students can describe the new city management system.	Students can analyse the planning and development of new cities in various regions of the world.	Total
TASK1	5%				5%
CB1		25%			25%
CB2			20%		20%
CB3				30%	30%
MID-EXAM1	20%				20%

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
1 (DAS)	SUB CLO-1: Explain the scope of material and general understanding of new town planning.	Accuracy in explaining the scope of material and a general understanding of new city planning.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: MID-EXAM essay questions Non Test:	<ul style="list-style-type: none"> • Lecture • Discussion • Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		5%
2 (SRJ)	SUB CLO-2: Explain the history and concept, as well as the process of new town development.	Accuracy in explaining the history and concept, as well as the process of new town development.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> • Lecture • Discussion • Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		5%
3 (SRJ)	SUB CLO-3: Explain the growth and development of new urban planning.	Accuracy in explaining the growth and	Criteria: Clarity of discussion and description according to the	<ul style="list-style-type: none"> • Lecture • Discussion • Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes		7,5%

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
		development of new town planning.	explanation of lecture material and other related sources. Assessment: Test: Non Test:		Assignments and self-study: 60 minutes + 50 Minutes		
4 (SRJ)	SUB CLO-4: Explain the categorisation and typology of new cities.	Accuracy in explaining the categorisation and typology of new cities.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		7,5%
5 (INSW)	SUB CLO-5: Explain the criteria for new town development.	Accuracy in explaining new city development criteria.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		5%

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
			Non Test:				
6 (INSW)	SUB-CLO-6: Explain the process and methods of new town planning.	Accuracy in explaining the process and methods of new town planning.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test: Criteria: Clarity	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		10%
7 (INSW)							10%
8 (SRJ & INSW)	Mid-Semester Exam (MID-EXAM)						
9 (AWH)	SUB CLO-7: Explain the management and management of new cities.	Accuracy in explaining the management and management of new cities.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		7,5%
10 (AWH)							7,5%

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
11 (AWH)	SUB CLO-8: Explain the roles of government, private sector, and community in new town development.	Accuracy in explaining the roles of government, private sector and community in the development of new cities.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		5%
12 (DAS)	SUB CLO-9: Describe the development of new cities in various regions of the world.	Accuracy in explaining case studies of new urban development in Southeast Asia.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		7,5%
13 (DAS)		Accuracy in explaining case studies of new urban development in other Asian countries (Arab or East Asian).	Criteria: Clarity of discussion and description according to the explanation of lecture material and	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study:		7,5%

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
			other related sources. Assessment: Test: Non Test:		60 minutes + 50 Minutes		
14 (DAS)		Accuracy in explaining case studies of new urban developments in Europe.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		7,5\$
15 (DAS)		Accuracy in explaining the case study of new city development in America.	Criteria: Clarity of discussion and description according to the explanation of lecture material and other related sources. Assessment: Test: Non Test:	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Tasks: - 	Lecture: 2x 50 minutes Discussion: 50 minutes Assignments and self-study: 60 minutes + 50 Minutes		7,5\$

Week to-	Sub-CLO (as expected end capability)	Indicators	Criteria & Form of Assessment	Learning Methods (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials/Study Materials [Literature]	Assessment Weight (%)
16 (AWH & DAS)	End of Semester Exam (FINAL EXAM)						