




**BRAWIJAYA UNIVERSITY FACULTY OF ENGINEERING  
UNDERGRADUATE URBAN AND REGIONAL PLANNING STUDY PROGRAM**

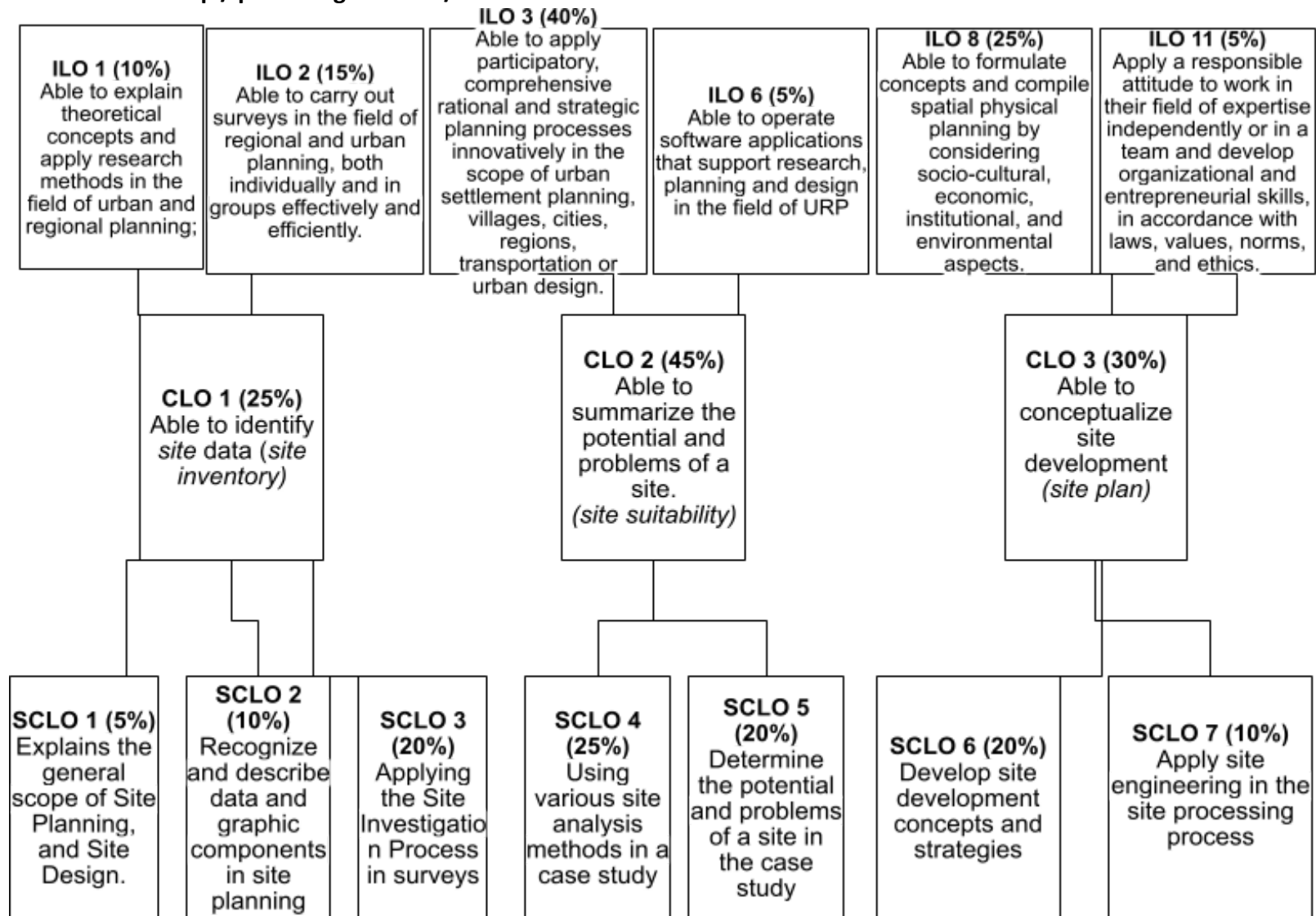
**SEMESTER LEARNING PLAN**

SUBJECT	CODE	SUBJECT SCOPE	WEIGHT (credits)	SEMESTER	Date of Preparation
Site Planning	TKW 62008	URBAN DESIGN	3	4	January 18, 2024
AUTHORIZATION	RPS Developer Lecturer	Subject Coordinator	Head of BURP		
Urban Design Compartment	1. <b>Wulan Dwi Purnamasari (WDP)</b> 2. Eddi Basuki Kurniawan (EBK) 3. Johannes Parlindunngan (JP) 4. Wisnu Sasongko (WS)	Wulan Dwi Purnamasari 	Septiana Hariyani (ttd)		
Learning Outcomes	SLO/ILO (Intended Learning Outcome)				
	1	Able to explain theoretical concepts and apply research methods in the field of regional and urban planning			
	2	Able to carry out surveys in the field of regional and urban planning, both individually and in groups. effective and efficient			
	5	Able to analyze and evaluate problems in the field of URP with a comprehensive, advocative, 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	Apply a responsible attitude to work in their field of expertise independently or in a team and develop organizational and entrepreneurial skills, in accordance with laws, values, norms and ethics.			
	CPMK/CLO (Class Learning Outcome)				
	1.	Able to identify site data			
	2.	Able to summarize the potential and problems of the site			
	3.	Able to conceptualize site development			
	SUB CPMK/SCLO				
	1.	Describes the general scope of site planning and design	CLO 1		
2.	Recognize and describe data and graphic components in site planning	CLO 1			
3.	Apply the process and site investigation in surveying	CLO 1			
4.	Using various methods of analysis in a case study	CLO 2			

	5.	Determine the potential and problems of a site in the case study	CLO 2
	6.	Develop site development concepts and strategies	CLO 3
	7.	Apply site engineering in the site processing process	CLO 3
Brief description of the course	Provides a general explanation of the scope of site planning. This lecture will discuss the scope of the site planning process starting from site selection, identifying and investigating potential and problems, then the process of analyzing, evaluating and processing the site, and the final result is to develop site development concepts and strategies. In addition, this lecture will also introduce site drawings and graphics to explain the process and results of site planning.		
Library	Main		
		<ol style="list-style-type: none"> <li>1. e Chiara, Joseph; 1978, Site Planning Standards, New York, Mc Graw Hill Press.</li> <li>2. Chapin, F.S, 1985, Urban Lands Use Planning, California, University of Illinois Press</li> <li>3. Lynch, Kevin, 1984, Site Planning, Massachusetts: MIT Press Cambridge.</li> <li>4. Edward T White, 1985, Site Analysis</li> <li>5. Androvich, GD &amp; Riposa. G. 1993, Doing Urban research; Applied Social Research Method Series, California: Sage Publications.</li> <li>6. SEPA, 2009, Riparian Vegetation Management. Scottish Environment Protection Agency.</li> <li>7. WSUD, 2010, Multi Uses of Open Spaces Discussion Paper. Queensland: Healthy Water Ways.</li> <li>8. R. Widodo D. Pramono, et al, 2020, Site and Environmental Planning, UGM press</li> </ol>	
	Supp orters		
	-		
Learning Media	Software:		Hardware:
	Microsoft Office, AutoCAD, ArcGis, SketchUp Online meeting applications (Zoom, webex, Google meet) VLM2 Gapura UB (SIADO and SIAM)		LCD, laptop, speaker, Camera Tracker, Drone etc.
Team Teaching	<ol style="list-style-type: none"> <li>1. Eddi B. Kurniawan (EBK)</li> <li>2. Wisnu Sasongko (WS)</li> <li>3. Johannes P (JP)</li> <li>4. <b>Wulan Dwi Purnamasari (WDP)</b></li> </ol>		
Course Requirements	-		
Description ILO BURP	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 the field of regional and urban planning, both individually and in groups effectively and efficiently.		
	3. Able to apply participatory, comprehensive rational and strategic planning processes innovatively in the scope of urban settlement planning, villages, cities, regions, transportation or urban design.		
	4. Able to use the processes and methods of infrastructure planning and disaster mitigation; as well as environmental management, information systems, urban management, and public policy.		
	5. Able to analyze 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 compile 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 organizational and entrepreneurial skills, in accordance with laws, values, norms, and ethics.

Diagram of the relationship / percentage of OBE / KKNI SLOs with CPMK



**PORTFOLIO WEIGHT (MANAGEMENT INFORMATION SYSTEM INPUT)**

The following entries are for evaluation of CMPK/CLO and SLO/ILO achievements

**CLO-ILO Weight Mapping**

	ILO 1	ILO 2	ILO 3	ILO 4	ILO 5	ILO 6	ILO 7	ILO 8	ILO 9	ILO 10	ILO 11	Total
<b>CLO 1</b> Able to identify and investigate site data	0,4	0,6	0	0	0	0	0	0	0	0	0	1
<b>CLO 2</b> Able to analyze and evaluate a site.	0	0	0	0,8	0	0,2	0	0	0	0	0	1
<b>CLO 3</b> Able to develop site development concepts and strategies	0	0	0	0	0	0	0	0	0,8	0	0,2	1

**Assessment weight mapping - CPMK/CLO**

	<b>CLO 1</b> Able to identify site data	<b>CLO 2</b> Able to summarize the potential and problems of the site	<b>CLO 3</b> Able to conceptualize site development	<b>Total</b>
<b>CBL Task 1</b>	0,36	0,63		<b>1</b>
<b>Task 1</b>			1	<b>1</b>
<b>Mid Exam 1</b>	0,33	0,67		<b>1</b>
<b>Final Exam 2</b>			1	<b>1</b>

**FINAL SCORE WEIGHT (INPUT SIADO LECTURER)**

The following fields are for the calculation of student final grades inputted by lecturers to SIADO (OBE menu)

## Recapitulation of Percentage of Relationship between CPMK / CLO and Assessment

1	Able to identify site data	20		5		<b>25</b>
2	Able to summarize the potential and problems of the site	35		10		<b>45</b>
3	Able to conceptualize site development		24		<b>6</b>	<b>30</b>
<b>Final Score =</b>		<b>55</b>	<b>24</b>	<b>15</b>	<b>6</b>	<b>100</b>

*\*Assessment Case Based Learning*

### Relationship between SLO and CPMK and assessment

ILO and IK ILO charged in the Site Planning course				CLO			Media assessment and its contribution to MK competency scores			Week
ILO	ILO Statement	IK- ILO	IK- ILO Statement	CLO Statement	CLO Weight	Assessment Media	Tasks	Mid Exam	Final Exam	
1	Able to explain theoretical concepts and apply research methods in the field of urban and regional planning;	a	Explain theoretical concepts in the field of urban and regional planning	Able to identify site data	25%	Exam Question (Mid Exam)		5%		1
2	Able to carry out surveys in the field of regional and urban planning, both individually and in groups effectively and efficiently.	b	Carry out surveys in the field of regional and urban planning, in groups effectively and efficiently			Task 1 (CBL)	10%			2
						Task 1 (CBL)	10%			3-4
3	Able to apply participatory, comprehensive rational and strategic	a	Describe the process and methods of planning urban settlements,	Able to summarize	45%	Task 1 (CBL)	25%			5-6

ILO and IK ILO charged in the Site Planning course				CLO			Media assessment and its contribution to MK competency scores			Week
ILO	ILO Statement	IK- ILO	IK- ILO Statement	CLO Statement	CLO Weight	Assessment Media	Tasks	Mid Exam	Final Exam	
	planning processes innovatively in the scope of urban settlement planning, villages, cities, regions, transportation or urban design.		villages, cities, regions, transportation or urban design.	the potential and problems of a site.		Exam Question (Mid Exam)		10%		7
6	Able to operate software applications that support research, planning and design in the field of URP	a	Using spatial physical mapping applications			Task 1 (CBL)	10%			7
8	Able to formulate concepts and compile spatial physical planning by considering socio-cultural, economic, institutional, and environmental aspects.	a	Formulate spatial physical planning concepts by considering socio-cultural, economic, institutional, and environmental aspects	Able to conceptualize site development	30%	Task 2	24%			9-14
11	Apply a responsible attitude to work in their field of expertise independently or in a team and develop organizational and entrepreneurial skills, in accordance with laws, values, norms and ethics.	a	Apply a responsible attitude in the tasks for which he is responsible			Exam Question (Final Exam)			6%	15

### Semester Learning Plan

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
1 (WDP)	SCLO 1: Describe the general scope of Site Planning, and Site Design	Accuracy in explaining the scope of Site Planning, and Designing Tread	Mid Exam essay	<ul style="list-style-type: none"> <li>● Lecture.</li> <li>    Lecture</li> <li>● Discussion</li> <li>● Tasks: -</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>5</b>
2 (JP)	SCLO 2: Recognize and describe data and graphic components in site planning	<ol style="list-style-type: none"> <li>1. Accuracy in identifying site components</li> <li>2. Ability to see site conditions in process graphics.</li> <li>3. Accuracy in depicting schematic and site layout.</li> </ol>	<b>CBL TASKS</b>	<ul style="list-style-type: none"> <li>● Lecture.</li> <li>    Lecture</li> <li>● Discussion</li> <li>● Tasks: -</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>10</b>
3 (JP)	SCLO 3: Applying the Site Investigation Process in surveys	<ol style="list-style-type: none"> <li>1. Accuracy in explaining the scope of site investigation</li> </ol>	<b>CBL TASKS</b>	<ul style="list-style-type: none"> <li>● Lecture.</li> <li>    Lecture</li> <li>● Discussion</li> <li>● Task 1:</li> </ul>	<b>Lecture and Discussion</b> :100 minutes		<b>5</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		2. Accuracy in explaining site data/characteristics		Case Studies and Literature	<b>Assignments and self-study:</b> 50 minutes		
4 (JP)	SCLO 3: Applying the Site Investigation Process in surveys	1. Accuracy in conducting the field survey process 2. Accuracy in conducting field surveys effectively and efficiently in macro and micro scopes	<b>CBL TASKS</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Task 1: Case Studies and Literature</li> </ul>	<b>Lecture and Discussion :</b> 100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>5</b>
5 (EEBK)	SCLO 4: Using various site analysis methods in a case study	1. Accuracy in explaining Definition, Purpose, Input Element, Process Element, Output Element of Space	<b>CBL TASKS</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Task 1: Case Studies and Literature</li> </ul>	<b>Lecture and Discussion :</b> 100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>10</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		Decomposition Method		•			
6 (EEBK)	SCLO 4: Using various site analysis methods in a case study	1. Accuracy in explaining the Definition, Purpose, Input Element, Process Element, Output Element of VIA method	<b>CBL TASKS</b>	<ul style="list-style-type: none"> <li>• Lecture. Lecture</li> <li>• Discussion</li> <li>• Task 1: Case Studies and Literature</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>15</b>
7 (EEBK)	SCLO 5: Determine the potential and problems of a site in the case study	1. Accuracy in explaining sustainable site design and development  3. Accuracy in explaining the concepts of Activity, Purpose,	<b>CBL tests and assignments</b>	<ul style="list-style-type: none"> <li>• Lecture. Lecture</li> <li>• Discussion</li> <li>• Task :-</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>10</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		Meaning, Stewardship					
8	<b>Mid Exam</b>						
9 (WDP)	SCLO 6: Develop site development concepts and strategies	<ol style="list-style-type: none"> <li>1. Accuracy in explaining the site analysis process according to its context</li> <li>2. Accuracy in explaining case studies according to the discussion in site planning.</li> </ol>	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>• Lecture. Lecture</li> <li>• Discussion</li> <li>• Task 2: Case Studies and Literature</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
10 (WDP)	SCLO 6: Develop site development concepts and strategies	<ol style="list-style-type: none"> <li>1. Accuracy in explaining the site development process: objectives, constraints, and potential in a case study</li> <li>2. Accuracy in explaining alternative problem-solving strategies and scenarios in a case study</li> </ol>	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Task 2: Case Studies and Literature</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>
11 (WDP)	SCLO 6: Develop site development concepts and strategies	<ol style="list-style-type: none"> <li>1. Accuracy in explaining the site analysis process according to its context</li> <li>2. Accuracy in explaining case studies according</li> </ol>	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Task 2: Case Studies and Literature</li> <li>●</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		to the discussion in site planning.					
12 (WS)	SCLO 6: Develop site development concepts and strategies	1. Accuracy in explaining the site processing. 2. Accuracy in choosing site engineering in the process of effective and efficient site processing.	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Tasks: -</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>
13 (WS)	SCLO 6: Develop site development concepts and strategies	1. Ability to organize data and site analysis in drawings and graphics	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>● Lecture. Lecture</li> <li>● Discussion</li> <li>● Task 2: advanced process of the case study.</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
14 (WS)	SCLO 6: Develop site development concepts and strategies	<ol style="list-style-type: none"> <li>1. Ability to compose site analysis drawings in process graphics and presentations.</li> <li>2. Ability to compile site design drawings in graphics and presentation.</li> </ol>	<b>TASK 2</b>	<ul style="list-style-type: none"> <li>• Lecture. Lecture</li> <li>• Discussion</li> <li>• Task 2: advanced process of the case study.</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes		<b>4</b>
15 (WDP)	SCLO 7: Apply site engineering in the site processing process	<ol style="list-style-type: none"> <li>1. Accuracy in organizing site design and development</li> <li>2. Accuracy in applying the concept of sustainable site planning in a case study (<i>Activity, Purpose, Meaning,</i></li> </ol>	Final Exam	<ul style="list-style-type: none"> <li>• Lecture. Lecture</li> <li>• Discussion</li> <li>• Task 2: advanced process of the case study.</li> </ul>	<b>Lecture and Discussion</b> :100 minutes <b>Assignments and self-study:</b> 50 minutes	Minister of Public Works Regulation No. 06/2007 on General Guidelines for Building and Environmental Planning	<b>6</b>

Week	Sub CPMK/CLO (Supports CLO to)	Indicator	Form of Assessment	Learning Methods (Lecture / Assignment / other forms of learning)	Time (Duration)	Learning Material / Study Material [Literature]	Assessment Weight (%)
		<i>Stewardship concept).</i>					
16	<b>Final Exam</b>						



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URP DEPARTMENT / UNDERGRADUATE URP STUDY PROGRAM

## STUDENT ASSIGNMENT PLAN 1

<b>SUBJECT</b>	SITE PLANNING				
<b>CODE</b>	TKW62008	<b>credits</b>	3	<b>SEMESTER</b>	4
<b>INSTRUCTOR</b>	Wulan Dwi Purnamasari, ST, MT				
<b>TASK FORM</b>	<b>TASK TIME</b>				
group	170 minutes/week/semester				
<b>CBL ASSIGNMENT TITLE</b>					
Inventory of Site Data					
<b>TASK THEME</b>					
"Identification of Physical and Non-physical Characteristics of the Site According to the Development Theme"					
<b>COURSE LEARNING TOPICS</b>					
Recognize and describe data and graphic components in site planning, Apply the Site Investigation Process in surveys (Topics 2 and 3)					
<b>TASK DESCRIPTION</b>					
Each group gets 1 location with a certain theme. Students then conduct a survey to collect site data in accordance with the material provided in weeks 1-7. The data collected will be the basis for determining the potential and problems of the site.					
<b>ASSIGNMENT METHOD</b>					
Group: site data survey to determine site potential and problems					
<b>FORM AND FORMAT OF OUTPUT</b>					
<p><b>a. Arable Object:</b> a piece of land with clear physical boundaries</p> <p><b>b. Form of Output:</b></p> <ol style="list-style-type: none"> <li>1. Map/image of site data</li> <li>2. Map/drawing of potential site issues</li> </ol> <p><b>c. Output Format:</b></p> <ol style="list-style-type: none"> <li>1. Site data report (A4 size)</li> </ol>					

<ul style="list-style-type: none"> <li>- Inventory of each component's footprint data</li> <li>- data tabulation - site assessment synthesis</li> </ul> <p>2. Map/drawing of potential site issues</p> <ul style="list-style-type: none"> <li>- Site data overlay map (site conclusion)</li> </ul> <p>Group description:</p> <ul style="list-style-type: none"> <li>- Divided into 6 themes (real estate, recreation area, sports area, education and office area, trade and service area, public green space)</li> <li>- About 4-5 groups</li> </ul>	
<b>INDICATORS, CRITERIA AND ASSESSMENT WEIGHT</b>	
<p>1. Inventory of site data (20%)</p> <p>2. Potential and problems (35%)</p>	
<b>IMPLEMENTATION SCHEDULE</b>	
Survey	Week 3 (March 2023)
Progress Presentation	Week 7 (March 2023)
Report Collection	Week 8 (April 2023)

## Site Data Inventory Assessment Rubric (TASK 1)

Task Type : Creation of a Site Study

Assessment type : Analytic/descriptive rubric and perception rubric

Assessment indicators CLO 1 and 2:

1. Able to recognize the site
2. Able to inventory site data

Assessment Criteria :

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
<b>Identify the background of the problem</b>	Accuracy in identifying the background of the problem	20	Unable to identify the entire background of the problem	Able to identify 30% of the problem background	Able to identify 60% of the problem background	Able to identify 90% of the problem background
<b>Elaborate site data</b>	Accuracy in extracting site data	70	Not able to identify all data correctly	Able to identify 30% of data correctly	Able to identify 60% of the data correctly	Able to identify 90% of the data correctly
<b>Report</b>	Completeness of substance	10	Does not meet the overall requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> </ul>	Meets 30% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with</li> </ul>	Meet 60% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with</li> </ul>	Meets 90% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with</li> </ul>

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
			<ul style="list-style-type: none"> <li>Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>There are proper citations and references</li> </ul>	drawings, field photos, tables), structured and neat (justified) <ul style="list-style-type: none"> <li>There are proper citations and references</li> </ul>	drawings, field photos, tables), structured and neat (justified) <ul style="list-style-type: none"> <li>There are proper citations and references</li> </ul>	drawings, field photos, tables), structured and neat (justified) <ul style="list-style-type: none"> <li>There are proper citations and references</li> </ul>

## Rubric for Assessment of Site Potential and Problems (TASK 1)

Task Type : Creation of a Site Study

Assessment type : Analytic/descriptive rubric and perception rubric

Assessment indicators CLO 1 and 2:

3. Able to determine the potential and problems of the site

4. Able to compile site conclusions

Assessment Criteria :

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
<b>Identify the background of the problem</b>	Accuracy in identifying the background of the problem	10	Unable to identify the entire background of the problem	Able to identify 30% of the problem background	Able to identify 60% of the problem background	Able to identify 90% of the problem background
<b>Compilation of potentials and problems</b>	Clarity in summarizing results and providing recommendations	25	Overall conclusion is NOT appropriate and does NOT provide recommendations	30% correct conclusion and recommendation	60% correct conclusions and recommendations	90% correct conclusions and recommendations
<b>Formulate site conclusions</b>	Develop site recommendations	30	Unable to analyze all data sequentially, completely and precisely	Able to analyze 30% of results sequentially, completely and precisely	Able to analyze 60% of results sequentially, completely and precisely	Able to analyze 90% of results sequentially, completely and precisely
<b>Report</b>	Completeness of substance	10	Does not meet the overall requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font</li> </ul>	Meets 30% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular</li> </ul>	Meet 60% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular</li> </ul>	Meets 90% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4 paper, 1.5 spacing</li> <li>• Times New Roman 12 font for regular</li> </ul>

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
			for regular writing and 14 bold font for subchapter headings/titles, etc. <ul style="list-style-type: none"> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	writing and 14 bold font for subchapter headings/titles, etc. <ul style="list-style-type: none"> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	writing and 14 bold font for subchapter headings/titles, etc. <ul style="list-style-type: none"> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	writing and 14 bold font for subchapter headings/titles, etc. <ul style="list-style-type: none"> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>



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## STUDENT ASSIGNMENT PLAN 2

<b>SUBJECT</b>	SITE PLANNING				
<b>CODE</b>	TKW62008	<b>credits</b>	3	<b>SEMESTER</b>	4
<b>INSTRUCTOR</b>	Wulan Dwi Purnamasari, ST, MT				
<b>TASK FORM</b>	<b>TASK TIME</b>				
group	170 minutes/week/semester				
<b>TASK TITLE</b>					
<i>Site suitability and site plan formulation</i>					
<b>COURSE LEARNING TOPICS</b>					
Able to develop site development concepts and strategies (CLO 3)					
<b>TASK DESCRIPTION</b>					
Students formulate recommendations in accordance with the chosen theme and prepare a site plan.					
<b>FORM AND FORMAT OF OUTPUT</b>					
<p><b>a. Arable Object:</b> a piece of land with clear physical boundaries</p> <p><b>b. Form of Output:</b></p> <ol style="list-style-type: none"> <li>3. Formulation of site arrangement recommendations based on site data suitability</li> <li>4. Site plan according to group topic</li> </ol> <p><b>c. Output Format:</b></p> <ul style="list-style-type: none"> <li>- formulation of site conclusions (which spaces are retained and treated further)</li> <li>- concept of space zoning on the site</li> <li>- concept of activities on the site</li> <li>- site plan drawing</li> </ul>					

<b>INDICATORS, CRITERIA AND ASSESSMENT WEIGHT</b>	
3. site concept (14%)	
4. site plan drawing (10%)	
<b>IMPLEMENTATION SCHEDULE</b>	
Presentation of progress 1	Week 11 (April 2023)
Presentation of progress 2	Week 14 (June 2023)
Report Collection	Week 16 (July 2023)

## Assessment Rubric (TASK)

Task Type : Creation of a Site Study

Assessment type : Analytic/descriptive rubric and perception rubric

Assessment indicators CLO 1 and 2:

5. Able to recognize the site
6. Able to inventory site data
7. Able to determine the potential and problems of the site

Assessment Criteria :

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
<b>Identify the background of the problem</b>	Accuracy in identifying the background of the problem	10	Unable to identify the entire background of the problem	Able to identify 30% of the problem background	Able to identify 60% of the problem background	Able to identify 90% of the problem background
<b>Elaborate site data</b>	Accuracy in extracting site data	25	Not able to identify all data correctly	Able to identify 30% of data correctly	Able to identify 60% of the data correctly	Able to identify 90% of the data correctly
<b>Analyzing the site</b>	Accuracy of analysis	30	Unable to analyze all data sequentially, completely and precisely	Able to analyze 30% of results sequentially, completely and precisely	Able to analyze 60% of results sequentially, completely and precisely	Able to analyze 90% of results sequentially, completely and precisely
<b>Summarize potential and problems</b>	Clarity in summarizing results and providing recommendations	25	Overall conclusion is NOT appropriate and does NOT provide recommendations	30% correct conclusion and recommendation	60% correct conclusions and recommendations	90% correct conclusions and recommendations
<b>Report</b>	Completeness of substance	10	Does not meet the overall requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4</li> </ul>	Meets 30% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4</li> </ul>	Meet 60% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4</li> </ul>	Meets 90% of the requirements: <ul style="list-style-type: none"> <li>• Report minimum 10 pages, A4</li> </ul>

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
			<p>paper, 1.5 spacing</p> <ul style="list-style-type: none"> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	<p>paper, 1.5 spacing</p> <ul style="list-style-type: none"> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	<p>paper, 1.5 spacing</p> <ul style="list-style-type: none"> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>	<p>paper, 1.5 spacing</p> <ul style="list-style-type: none"> <li>• Times New Roman 12 font for regular writing and 14 bold font for subchapter headings/titles, etc.</li> <li>• Complete report (equipped with drawings, field photos, tables), structured and neat (justified)</li> <li>• There are proper citations and references</li> </ul>



# BRAWIJAYA UNIVERSITY

FACULTY OF ENGINEERING

URP DEPARTMENT / UNDERGRADUATE URP STUDY PROGRAM

## ESSAY QUESTION PLAN

<b>SUBJECT</b>	SITE PLANNING				
<b>CODE</b>	TKW62008	<b>credits</b>	3	<b>SEMESTER</b>	4
<b>INSTRUCTOR</b>	Wulan Dwi Purnamasari, ST, MT				
<b>TEST FORM</b>	<b>TASK TIME</b>				
ESSAY	60 MINUTES				
<b>TOPIC DISCUSSION</b>					
Inventory of site data and formulation of potential problems					
<b>COURSE LEARNING TOPICS</b>					
Recognize and describe data and graphic components in site planning, Apply the Site Investigation Process in surveys (Topics 2 and 3)					
<b>FORM OF TEST</b>					
<p><b>a. Implementation:</b> Offline (according to the UTS and UAS implementation schedule)</p> <p><b>b. Problem Form:</b> Essay</p> <p><b>c. Topics:</b></p> <ul style="list-style-type: none"> <li>- Understanding of site data components</li> <li>- use of analytical methods in site assessment</li> <li>- understanding of site concept formulation</li> </ul>					
<b>INDICATORS, CRITERIA AND ASSESSMENT WEIGHT</b>					
<ul style="list-style-type: none"> <li>- Understanding of site data components (5%)</li> <li>- use of analytical methods in site assessment (10%)</li> <li>- understanding of site concept formulation (65)</li> </ul>					
<b>IMPLEMENTATION SCHEDULE</b>					
points 1 and 2		UTS (according to schedule)			

Point 3	UAS (according to schedule)
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## ASSESSMENT RUBRIC (ESSAY)

Type of Assignment : Problem solving with steps in site assessment.

Assessment type : Holistic/descriptive rubric

CLO 1 and 2 assessment indicators:

1. Understand the concept and types of site data components
2. Use appropriate methods in site assessment

Assessment Criteria :

Dimensions	Criteria	Maximum Value	Bad 0-55	Simply 56-69	Good 70-80	Very good 81-100
<b>Identify the site from various aspects</b>	Accuracy in identifying the site	35	Unable to translate the problem into all comprehensive parameters	Able to translate the problem into 30% comprehensive parameters	Able to translate the problem into 60% comprehensive parameters	Able to translate the problem into 90% comprehensive parameters
<b>Completeness of steps and systematic process</b>	Completeness of steps and systematic	50	Completion steps are entirely NOT sequential, NOT complete	Completion steps are only 30% sequential, complete	Completion steps are only 60% sequential, complete	Completion steps are only 90% sequential, complete
<b>Final results and interpretation of results</b>	Clarity of the final result and its interpretation	15	The final result is entirely incorrect and there is NO interpretation.	The final result is only 30% correct and there is an interpretation.	The final result is only 60% correct and there is an interpretation.	The final result is only 90% correct and there is an interpretation.