



SEMESTER LEARNING PLAN

DEPARTMENT: URBAN AND REGIONAL PLANNING

FACULTY: CIVIL, PLANNING, AND EARTH

COURSES NAME		SOCIAL SYSTEM AND POPULATIONS										
COURSES CODE		DK184203										
SEMESTER		II										
CREDITS		3 SKS (4.8 ECTS)										
LECTURER		Ardy Maulidy Navastara, ST., MT.										
COURSE METHODOLOGY	BK 16	BK 17	BK 18	BK 19								
	Social Phenomenon	Community Behaviour	Interactions and Social System	Population Dynamics								
PROGRAM LEARNING OUTCOME (PLO)												
SPECIFIC 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										
SPECIFIC SKILLS	2.3	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										
COURSES LEARNING OUTCOME (CLO)												
KNOWLEDGE	Students are able to understand Population Dynamics											
	Students are able to understand Population as a social system											
	Students are able to understand social institutions											
SPECIFIC SKILLS	Students are able to apply Population analysis											
	Students are able to identify issues and apply policy in population											
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 population dynamics and demographics	1										
	CPMK-2. Students are able to understand the population as a social system.	1										
	CPMK-3. Students are able to understand social institutions, interactions and their impact on urban governance	1					1					
	CPMK-4. Students are able to apply population and social analysis to the planning process						1					

CPMK-5. Students are able to identify issues and implement policies in population						1					
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MODULE

1. Population Dynamics (Population theories, population development)

2. Population analysis (Source of population data, population composition)

3. Issues and policies in population

4. Population as a social system (social structure and social mobility, community typology, process / social change)

5. Social institutions (social institutions, social conflicts, social disorganization and urban social groups)

TATAP MUKA	COURSE LEARNING OUTCOME	LESSONS LEARNING OUTCOME	MODULE	LEARNING OUTCOME (from weekly materials)	Scope	Learning Method s (Week 1-7)	Course Duration (minutes)	Modes of Delivery (Presentation, task, discussion, quize, practice)	Grading Policy	Assessment (%)
1	2	3	4	5	6	7	8	9	10	11
1st Week	Students are able to understand Population Dynamics	Students are able to understand population theories and population Development	Population Theories and Population development	Students are able to understand population theories and population Development	Syllabus Discussion, Evaluation, Task, Introduction to Population	M1,M3	100	Lecture, Discussion	Individual Activeness	
2nd Week					Population Theories	M1,M3	160	Lecture, Discussion	Individual Activeness	
3rd Week		Students are able to understand Population Data Source	Population Data Source	Students are able to understand Population Data Source	Population Data Source	M1,M3	160	Lecture, Discussion, Study Cases	Individual Activeness	
4th Week		Students are able to understand population composition	Population Composition	Students are able to understand population composition	Population Composition	M1,M3	320	Lecture, Discussion, Study Cases	Individual Activeness	
					Tugas kelompok kolaboratif mengenai kasus konflik dalam tata ruang kota	M1,M2, M3,M7	480			20%

TATAP MUKA	COURSE LEARNING OUTCOME	LESSONS LEARNING OUTCOME	MODULE	LEARNING OUTCOME (from weekly materials)	Scope	Learning Method s (Week 1-7)	Course Duration (minutes)	Modes of Delivery (Presentation, task, discussion, quiz, practice)	Grading Policy	Assessment (%)
1	2	3	4	5	6	7	8	9	10	11
5th Week		Students are able to understand population as a social system through social structure and social mobility	Population as a social system through social structure and social mobility	Students are able to understand population as a social system through social structure and social mobility	Population as a social system through social structure and social mobility	M1,M3	160	Lecture, Discussion, Study Cases, Task	Individual Activeness	
6 th Week		Students are able to understand the typology of society	Community Typology	Students are able to understand the typology of society	Community Typology	M1,M3	160	Lecture, Discussion, Study Cases, Task	Individual, Activeness	
7th Week		Students are able to understand the social process/change	Social process/change	Students are able to understand the social process/change	Social process/change	M1,M3	160	Study Cases, Task	Individual Activeness	
8th Week		Students are able to understand social institutions and urban social groups	Social institutions and urban social groups	Students are able to understand social institutions and urban social groups	Social Institutions and urban social groups	M1,M3	160			
9th Week		Students are able to understand social disorganization and social	Social disorganization and social conflict	Students are able to understand social disorganization and social	Disorganization and social conflict	M1,M3	160			

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1	2	3	4	5	6	7	8	9	10	11	
		conflict		conflict							
	Midterm Test							160			20%
10th Week		Students are able to apply population analysis	Population Analysis	Students are able to apply population analysis	Practicum	M1,M2,M3	480	Lecture, Discussion, Study Cases	Individual Activeness	15%	
11th Week					Practicum	M1,M2,M3	480	Lecture, Discussion, Study Cases	Individual Activeness		
12th Week		Students are able to understand the issues and problems of population	Issues and problems of population	Students are able to understand the issues and problems of population	The issues and problems of population	M1,M3	160	Lecture, Discussion, Study Cases	Individual Activeness		
13th Week		Students are able to apply the policy in the population	Policy in the population	Students are able to apply the policy in the population	Policy in the population	M1,M3	160	Lecture, Discussion, Study Cases	Individual Activeness		
14th Week					Presentation	M1,M3,M4,M7	480	Practicum, Group Discussion, Study cases, task		15%	
15th Week					Presentation	M1,M3,M4	480				
16th Week					Final Test		160	Presentation, Discussion	Presentation	30%	
					Task Submission	M3,M4	160	Task Submission			

SUBJECT EVALUATION

The tasks in this subject are classified into two, there are individual evaluation and groupevaluation which classified into 4 evaluation:

Evaluation

1. Evaluation 1 (25%): Population profile (Group)
2. Evaluation 2 (30%): Population and social issue essay publication (Individu)
3. Evaluation 3 (15%): Population profile presentation (Group)
4. Evaluation 4 (30%): Online Quiz (Individu) & Final Exam

VALUATION AND MARKING PLAN

1. EVALUATION I :

Evaluation I : Society profile (Group – 25%)

Subject name	Social system and Population
Subject Code	DK 184203
Semester	III
Credit	3
Main study (week-)	Main study 1 to 5
Learning purposes of module	<ul style="list-style-type: none">• Students are able to understand the popluation dynamics• Students are able to understand the inhabitant as the social system• Students are able to understand the social regulation• Students are able to apply the population analysis• Students are able to identify the issue and apply the policy in population
The level of difficulty(C1 to C6)	C2, C3, C4
Evaluation criteria	Attached
Evaluation material	<ul style="list-style-type: none">- Population dynamics- Inhabitant as the social system, social regulation- Population analysis- Issue and apply the policy in population
Evaluation implementation	Students do the task based on the task guideline

TASK I: POPULATION PROFILE ARRANGEMENT

A. TOPIC:

“POPULATION PROFILE ARRANGEMENT *IN A CITY AREA*”

B. PURPOSES

- Able to collect and compile the data from any resources provided for study caseneed
- Able to do population analyze from the population data which have compiled
- Able to formalize the opulation issue in a study case
- Able to formalize the population policy in a study case

C. ASSIGNMENT MATERIALS:

1. data compilation of population from any resources:
 - Amount and development of inhabitant
 - Inhabitant population
 - Inhabitant distribution
2. population base analysis :
 - Population sizen: sex rasio, the number of dependency burden, median age
 - inhabitant pyramid
 - Estimation and projection of inhabitant
3. Population issue
4. Population policy
5. Regional scope: area which is not limited by administrative border.
Example: area along the train rail, stren river area, part of avillage/subdistrict, etc

D. ASSIGNMENT IMPLEMENTATION

- The task is done by groups, each group consist of 5-6 people
- The assistance can do outside the lecture/learning time

E. FORMAT OF REPORT

- The report consist of 5 parts:
 - Preface: background, purpose, data collection and analysis method
 - Gambaran umum kawasan: berisi kompilasi data kependudukan dandeskripsinya
 - Population analysis: berisi analisis dasar kependudukan
 - Issue and population problem
 - Population policy
- the report is typed in A4 paper, font: times new roman 12 or arial 11, space 1,5
- attach the credible source

F. EVALUATION CRITERIA

The evaluation based on the process and the product of report:

- Process: report progress in every assistance and report submission
- Product: accuracy in searching the sources, updating data, a good and interesting data presentation, accurate in analyzing the data, and accurate in formalize the issue and policy

G. TASK SUBMISSION

- submit the last report (final) I in week-16 in SOFTCOPY file
- sent the Softcopy report to email address: ardy.navastara@gmail.com

- Happy Working

EVALUATION CRITERIA

The percentage for Evaluation I is 25% which consists of:

2. EVALUATION

Evaluation II

Subject name	Social system and Population
Subject Code	DK 184203
Semester	III
Credit	3
Main study (week-)	Main study 1 to 5
Learning purposes of module	<ul style="list-style-type: none"> • Students are able to understand the population dynamics • Students are able to understand the inhabitant as the social system • Students are able to understand the social regulation
The level of difficulty(C1 to C6)	C2, C3,
Evaluation criteria	Attached
Evaluation material	<ul style="list-style-type: none"> - Population dynamics - Inhabitant as the social system, social regulation
Evaluation implementation	Students do the task based on the task guideline

TASK II: POPULATION EESAY PUBLICATION AND SOCIAL PROBLEM

TASK DESCRIPTION

In this task the students are requested to publish their thoughts by printed media, electronic, and other scientific activity. The meaning of thought in here is scientific journal about population which deseminated outside the class. This scientific journal can took from any lecture task from the submit of the student thought when doin the discussion in class. Deseminaton can done in scientific seminar, journal, newspaper, journal competition, private blog, or posting in website or the other internet media.

PURPOSE

:

1. The students are discuss their thought to public (outside the class)
2. The students are able to donate their thoughts toward the real problem in thefield/area.

TEACHING METHOD:

- task is done by individu
- task (publication evidence) is submitted on week-15 of lecture
- there's no rule for the format of this task but adjut it with theselected media deseminaton

EVALUATIONCRITERIA:

Evaluation will be done base on this aspects:

1. No posting in any social media (score 56 – 60)
2. Post on blog, website, or other internet media (score 61 – 65)
3. Post on local/urban newspaper (score 66–75)
4. Post on regional/national newspaper (score 76-85)
5. Post on national seminar, national journal, also regional and national scientific jornalcompetition (score 86 – 100)

TASK SUBMISSION

Submit the task on week-16 in a Print-Out Article which has been published

- Hapy working -

EVALUATION CRITERIA OF EVALUATION II

3. EVALUATION III :

Evaluation III: Task presentation – Population profile (Group – 15%)

Subject name	Social system and Population
Subject Code	DK 184203
Semester	III
Credit	3
Main study (week-)	Main study 1 to 5
Learning purposes of module	<ul style="list-style-type: none">• Students are able to understand the population dynamics• Students are able to understand the inhabitant as the social system• Students are able to understand the social regulation• Students are able to apply the population analysis• Students are able to identify the issue and apply the policy in population
The level of difficulty(C1 to C6)	C2, C3, C4
Evaluation criteria	Attached
Evaluation material	<ul style="list-style-type: none">- Population dynamics- Inhabitant as the social system, social regulation- Population analysis- Issue and apply the policy in population
Evaluation implementation	Students do the task based on the task guideline

EVALUATION III: TASK PRESENTATION

A. PURPOSES

Evaluation III form in a group presentation which purpose:

- The students are able to formalize the fact in selected area
- The students are able to understand the potency and population issue in selected are
- The students are able to analyze the population aspects
- The students are able to formalize the relevant populatuion policy

B. ASSIGNMENT MATERIALS

Task material include the outline consists of :

- Preface
- General description Of area
- Issue and population problem
- Population analysis
- Population policy
- Conclusion

C. PRESENTATION IMPLEMENTATION

- The students suggested to do consultation/assistance to the lecturer
- The Presentation is done by group
- Each student have to presentate for maximum 15 minutes

D. EVALUATION CRITERIA FOR EVALUATION III

The percentage for evaluation III is 15% which consists of :

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 used for make conclusions.	There's no specific organization. Facts are not used to support their statement	
	86-100	76-85	66-75	56-65	0-55	
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	
	86-100	76-85	66-75	56-65	0-55	
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 not have example	Argumentation is wrong	

4. EVALUATION IV :

Task IV– Individual exam questions (30%)

Subject name	Social system and Population
Subject Code	DK 184203
Semester	III
Credit	3
Main study (week-)	Main study 1 to 5
Learning purposes of module	<ul style="list-style-type: none"> • Students are able to understand the population dynamics • Students are able to understand the inhabitant as the social system • Students are able to understand the social regulation • Students are able to apply the population analysis • Students are able to identify the issue and apply the policy in population

The level of difficulty(C1 to C6)	C2
Evaluation criteria	Attached
Evaluation material	<ul style="list-style-type: none"> - Population dynamics - Inhabitant as the social system, social regulation - Population analysis - Issue and apply the policy in population
Evaluation implementation	Students do the task based on the task guideline

FINAL EXAM

SOCIAL SYSTEM AND POPULATION

Answer the following questions:

1. A demographic bonus often times becomes an analogy, as if it is two sides of the same coin; one having benefits and advantages, while on the other side inflicting loss and disadvantages. Based on this, how is the strategy to face demographic bonus in your own opinion? Provide your answer with an illustration or example to further support your answer! **(20 pts.)**
2. What is your opinion regarding the government policy related to Indonesian Workforces (TKI) going overseas? Explain the positive and negative implications reviewed from the aspect of demography and population! **(20 pts.)**
3. Explain how the process of population mobility can happen and what are the factors that affects it? Provide one example! **(15 pts.)**
4. The X City has an area of 1000 km². On 2000 – 2010, the X City thrives tremendously with the density being 500 patients/km² in 2000 and 1000 patients/km² in 2010.
 - a. Compute the amount of percentageting of natality rate based on 2000 – 2010. Count the percentage of population growth rate in 2000-2010? **(pts 10)**
 - b. Determine the projection of the society with geometrical formula. If the assumption of the population growth in 2000 - 2010 is similar with that of the population growth in 2010 – 2025, how much is the true number in 2025?. **(20 pts.)**

Gunakan rumus berikut !

$$Pt = Po (1 + r)^t$$

$$r = \text{antilog} (1/t \times \log (Pt / Po)) - 1$$

dimana:

Po = jumlah penduduk tahun dasar
Pt = jumlah penduduk akhir (atau tahun proyeksi)
r = laju pertumbuhan penduduk (%)
t = waktu (tahun)

diketahui:

$$\log 2 = 0.301$$

$$\text{antilog } 0.0301 = 1.0717661$$

$$(1.0717661)^{15} = 2.828136$$

5. Explain why age structure, marriage culture, socio-economic stature, and education can affect fertility? **(15 pts.)**

Happy working!

EVALUTION CRITERIA FOR EVALUATION IV

The percentage for evaluation IV is 30% which consists of :