
 Universitas Airlangga	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
	SLP		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1 st , 2019	Corie Indria Prasasti, S.KM.,M.Kes	Dr. Diah Indriani, S.Si., M.Si	Dr. Santi Martini, dr., M.Kes	
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A. DETAILS OF COURSE


1. Course Name	Environmental Sanitation
2. Course Code	LKM310
3. Credits (SKS)	2 (two) SKS
4. Semester / Term	VII (seventh)
5. Study Program	Bachelor of Public Health
6. Student Learning Achievement	Students are able to carry out community empowerment program
7. Course Learning Achievement	At the end of the course, students will be able to explain environmental management efforts, analyze environmental documents for the decision making process
8. Course Outline	This course discusses environmental management, which includes legislation related to Environmental Management, ISO 14000, Environmental Economic Instruments, Environmental Damage Prevention Instruments, Environmental Audit, AMDAL (Community Involvement, Methodology and Scoping), UKL-UPL, and Environmental Risk Analysis
9. Course Prerequisites (if any)	None
10. Instructor	Corie Indria Prasasti, S.KM.,M.Kes
11. Teaching Assistants	

B. TEACHING PROGRAM

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Week	Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)	Study Materials	Teaching Methods	Additional Materials for Learning	Meeting Time	Course Objectives	Criteria and Indicator of Evaluation / Measurable Learning Outcome (hard dan soft skills)	Mark / Grade / Percentage (%)	Reference Number Ref. (nomor)
1	2	3	4	5	6	7	8	9	10
1	Students are able to explain the scope of environmental management and sustainable development	1. Definition of environmental management: <ol style="list-style-type: none"> a. Definition of environment b. Definition of environmental management 2. Definition of sustainable development: <ol style="list-style-type: none"> a. Definition of sustainable development b. Environment and development 3. Scope of environmental management and sustainable development:	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,2 (A) 3 (B)

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1	2	3	4	5	6	7	8	9	10
		a. Targets of environmental management b. Problems of environmental management c. Capacity of environmental management d. Approaches in environmental management							
2	Students are able to explain the scope of environmental management and sustainable development	1. Definition of environmental management: a. Definition of environment b. Definition of environmental management	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,2 (A) 3 (B)

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1	2	3	4	5	6	7	8	9	10
		2. Definition of sustainable development: a. Definition of sustainable development b. Environment and development 3. The scope of environmental management and sustainable development: a. Targets of environmental management b. Problems of environmental management c. Capacity of environmental management							

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1	2	3	4	5	6	7	8	9	10
		d. Approaches in environmental management							
3	Students are able to explain laws concerning with environmental management	1. Laws concerning with environmental management and protection: <ol style="list-style-type: none"> a. Laws Number 32 of 2009 2. Laws on environmental document formulation: <ol style="list-style-type: none"> a. Regulation of Ministry of Environment and Forestry Number 16 year 2012 b. Laws Number 27 year 2012 	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1(A) 1,2 (B)

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1	2	3	4	5	6	7	8	9	10
		c. Regulation of Ministry of Environment and Forestry Number 13 year 2010							
4	Students are able to explain ISO 14000	ISO 14000 and its series: a. Definition of ISO 14000 b. Objective and benefits of ISO 14000 c. ISO 14000 Series	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1 (A)
5	Students are able to explain environmental economic instrument	Environmental economic instrument: a. Instrument of economic building and	Lectures Discussions Group assignments	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,3 (A)

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1	2	3	4	5	6	7	8	9	10
		activity planning b. Instrument of environmental funding c. Incentive and/or disincentive							
6	Students are able to explain instruments of environmental damage prevention	Instruments of environmental damage prevention: a. SEA b. Quality of environment c. Criteria of environmental damage d. AMDAL e. UKL-UPL f. Permit g. Environmental risk analysis	Lectures Discussions Group assignments	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1 (A)

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1	2	3	4	5	6	7	8	9	10
		h. Environmental audit							
7	Students are able to explain environmental audit	Environmental audit: a. Definition of environmental audit b. Objective of environmental audit c. Function of environmental audit d. Benefits of environmental audit e. Characteristics of environmental audit f. Environmental auditor	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1 (A)

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1	2	3	4	5	6	7	8	9	10
MID TERM EXAMINATION									
8	Students are able to explain environmental impact analysis (EIA/AMDAL)	Environmental Impact Analysis (AMDAL): a. Definition of AMDAL b. KA-ANDAL c. ANDAL d. RKL-RPL	Lectures Discussions Presentations	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,4 (A) 1 (B)
9	Students are able to explain people's participation in AMDAL	People's participation in AMDAL: a. Meaning and objective of people's participation b. Basic principle of people's participation c. Public consultation	Lectures Discussions Presentations	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,4 (A) 1 (B)

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10	Students are able to explain the method of AMDAL	Method of AMDAL: a. Definition of AMDAL method b. Screening c. Scoping	Lectures Discussions Presentations	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,4 (A) 1 (B)
11	Students are able to explain scoping of AMDAL	Scoping of AMDAL: Definition of scoping Process of scoping Flow chart of important hypothetic effect	Lectures Discussions Presentations	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,4 (A) 1 (B)
12	Students are able to explain management effort and environmental supervision (UKL-UPL)	Management effort and Environmental supervision: a. Definition of UKL-UPL b. Mechanism of UKL-UPL	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		1,4 (A) 2 (B)

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1	2	3	4	5	6	7	8	9	10
		c. Authority of UKL-UPL							
13	Students are able to explain environmental risk analysis	Environmental risk analysis: a. Definition of environmental risk analysis b. Risk and environmental hazard c. Method of risk analysis	Lectures Discussions	LCD and Laptop	2x50 minutes		Complex thinking Teamwork Effective communication		5 (A)
FINAL TERM EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

Required Readings :

1. Undang-Undang No 32 tahun 2009 tentang Perlindungan dan Pengelolaan Lingkungan Hidup.
2. London, M. (2006). Environment, Health and Sustainable Development. London: Open University
3. Djajadiningrat, Surna. (1997). Pengantar Ekonomi Lingkungan.
4. Soemarwoto, Otto. (2009). Analisis Mengenai Dampak Lingkungan. Edisi 2. GadjahMada University Press.
5. Canter, L.W. (1996). Environmental Impact Assessment, McGraw-Hill, Inc, New York.

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Additional Readings:

1. PP No. 27 tahun 2012
2. Permen LH No. 16 tahun 2012
3. Frumkin, H. (2005). Environmental Health from Global to Local. San Francisco: Jossey Bass Inc