
 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	Dr. Indriati Paskarini, S.H., M.Kes	Dr. Diah Indriani, S.Si., M.Si	Dr. Santi Martini, dr., M.Kes	
Faculty of Public Health	Valid on Semester (odd/even) / Academic Year	Odd Semester 2019/2020	(sign)	(sign)	(sign)	

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A. DETAILS OF COURSE

1. Course Name	Basic of Occupational Health and Safety
2. Course Code	KMK217
3. Credits (SKS)	2 (two) SKS
4. Semester / Term	III (third)
5. Study Program	Bachelor of Public Health
6. Student Learning Achievement	<ol style="list-style-type: none"> 1. Able to carry out a study and analysis of the situation 2. Able to develop policy and program planning (policy development / program planning skills) 3. Able to communicate effectively 4. Have mastery of public health sciences (Public Health Science skills) 5. Have leadership skills and systems thinking (leadership and system thinking)
7. Course Learning Achievement	<ol style="list-style-type: none"> 1. Define the problem correctly 2. Identifying data precisely and relevant as a source of information 3. Implement data collection process and application of information technology 4. Gathering, summarizing and interpreting information about various health issues 5. Decide the appropriate action with the problem at hand 6. Using media, technology, and networks to spread information 7. Decide on appropriate communication 8. Applying Public Health Sciences including social and behavioral sciences, chronic diseases, infections, and accidents
8. Course Description	This course discusses 1) Regulations in the field of Occupational health and safety (K3), 2) history and scope of K3, 3) Differences in Public Health, Hypertension and 5 levels of Prevention of Disease and Accident, 4) K3 and P2K3 Programs, 5) K3 Communication, 6) Program occupational health, 7) Health Examination, 8) factors that affect the health of the workforce, 9) Health problems due to work environment Chemical (Solvent), Biology and Physical.
9. Course Prerequisites (if any)	None
10. Instructor	Dr. Indriati Paskarini, S.H., M.Kes


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11. Teaching Assistants	1. Endang Dwiyantri, Dra.,M.Kes 2. Meirina Ernawati, drh.,M.Kes 3. Mulyono, SKM.,M.Kes
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B. TEACHING PROGRAM

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 and soft skills)	Mark / Grade / Percentage (%)	Reference Number Ref. (number)
1	2	3	4	5	6	7	8	9	10
1	Students are able to understand the scope and history of K3	General description of occupational safety and health 1. Lecture contract 2. Introduction to occupational safety and health 3. The history of occupational safety and health in the world and in Indonesia	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-3
2	Students are able to identify the applicable laws and	Regulations related to K3:	Lectures Discussions	LCD Whiteboard	2x50 minutes	1. Introduction	Complex & creative thinking,	7,14%	1-5

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1	2	3	4	5	6	7	8	9	10
	regulations in the field of K3 to solve existing problems.	1. Law 2. Government regulations 3. Presidential Regulation 4. Regional regulations 5. Related ministerial regulations 6. Presidential Decree 7. Decree of the Minister concerned 8. Circular of the Minister concerned	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide responses	cooperation communication		
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4	Students are able to identify the applicable laws and	Regulations related to K3:	Lectures Discussions	LCD Whiteboard	2x50 minutes	1. Introduction	Complex & creative thinking,	7,14%	1-5

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1	2	3	4	5	6	7	8	9	10
	regulations in the field of K3 to solve existing problems.	1. Law 2. Government regulations 3. Presidential Regulation 4. Regional regulations 5. Related ministerial regulations 6. Presidential Decree 7. Decree of the Minister concerned 8. Circular of the Minister concerned	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide responses	cooperation communication		

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1	2	3	4	5	6	7	8	9	10
5	Students are able to identify occupational health programs that can be carried out related to K3	Scope of the occupational health program: 1. Definition of occupational health programs 2. The scope of occupational health programs related to K3 3. Person in charge and management of an occupational health program 4. 5 levels of prevention as a basis for making	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	
6	Students are able to differentiate science in	Scope of science:	Lectures Discussions	LCD Whiteboard	2x50 minutes	1. Introduction	Complex & creative thinking,	7,14%	

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1	2	3	4	5	6	7	8	9	10
	public health, especially related to K3 and company hygiene	1. Field of study and work on public health in general 2. Field of study and work on public health, especially K3. 3. Field of study and work on company hygiene	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide responses	cooperation communication		
7	Students are able to distinguish related factors that can affect the health of the workforce	Workforce health scope 1. Definition of workforce health 2. Mechanisms of factors that can affect the health of the workforce 3. Other things outside the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		company that can affect the health of the workforce							
MID TERM EXAMINATION									
8	Students are able to explain and identify the K3 program and the existence of P2K3 in the company	K3 program scope 1. K3 program in formal and informal industries 2. Things that need to be considered in preparing the K3 program 3. P23 K3 organization in the company and the function of its existence.	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-3
9	Students are able to determine the use of media,	K3 communication scope:	Lectures Discussions	LCD Whiteboard	2x50 minutes	1. Introduction	Complex & creative thinking,	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
	technology, and networks to spread information in order to do K3 communication	1. Definition of K3 communication 2. Determination of effective K3 communication media in accordance with the target 3. Evaluate the use of media in the context of K3 communication	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide responses	cooperation communication		
10	Students are able to determine the existing health inspection activities at work	K3 inspection scope 1. Definition of health examination 2. Variables that need to be measured for	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		workforce health checks 3. Evaluation of health inspection activities							
11	Students are able to determine the existing health inspection activities at work	K3 inspection scope 1. Definition of health examination 2. Variables that need to be measured for workforce health checks 3. Evaluation of health inspection activities	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-3
12	Students are able to identify health problems caused by	Scope of health disorders	Lectures Discussions	LCD Whiteboard	2x50 minutes	1. Introduction	Complex & creative thinking,	7,14%	1-5

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1	2	3	4	5	6	7	8	9	10
	the work environment both physical, chemical, and biological	1. Definition of health problems in the workforce 2. Identification of physical work environment factors 3. Identification of chemical work environment factors 4. Health problems caused by the work environment physical factors 5. Health problems caused by the work	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide responses	cooperation communication		

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1	2	3	4	5	6	7	8	9	10
		environment of chemical factors 6. Health problems caused by work environment biological factors							
13	Students are able to identify health problems caused by the work environment both physical, chemical, and biological	Scope of health disorders 1. Definition of health problems in the workforce 2. Identification of physical work environment factors 3. Identification of chemical work environment factors	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex & creative thinking, cooperation communication	7,14%	1-5

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1	2	3	4	5	6	7	8	9	10
		4. Health problems caused by the work environment physical factors 5. Health problems caused by the work environment of chemical factors 6. Health problems caused by work environment biological factors							
14	Students are able to identify health problems caused by the work environment both physical, chemical, and biological	Scope of health disorders 1. Definition of health problems in the workforce	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion	Complex & creative thinking, cooperation communication	7,14%	1-5

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1	2	3	4	5	6	7	8	9	10
		2. Identification of physical work environment factors 3. Identification of chemical work environment factors 4. Health problems caused by the work environment physical factors 5. Health problems caused by the work environment of chemical factors 6. Health problems caused by work				3. Take notes and provide responses			

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1	2	3	4	5	6	7	8	9	10
		environment biological factors							
FINAL TERM EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

1. Practical Loss Control Leadership (Frank E. Bird, Jr dan George L. Germain)
2. Occupational & Environmental Medicine (Ladou, J, 1997)
3. Hygiene Perusahaan dan Kesehatan Kerja (Suma'mur, PK, MSc, 2009)
4. Kumpulan peraturan perundangan di bidang K3
5. UU No. 1 Tahun 1970; UU No. 13 tahun 2003; UU No. 13 Tahun 2011