
 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	Even Semester	(sign)	(sign)	(sign)	

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A. DETAILS OF COURSE


1. Course Name	Occupational Safety
2. Course Code	KMK102
3. Credits (SKS)	2 (two) SKS
4. Semester / Term	VI (sixth)
5. Study Program	Bachelor of Public Health
6. Student Learning Achievement	<ol style="list-style-type: none"> 1. Able to conduct a situation analysis and analysis (analytic / assessment skills) 2. Able to develop policy and program planning (policy development / program planning skills) 3. Able to communicate effectively 4. Have leadership abilities and systems thinking (leadership and system thinking skills)
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. Gather, summarize and interpret information about various health issues 5. Decide the appropriate action with the problem at hand 6. Contribute to the development, implementation and monitoring of organizational performance standards
8. Course Description	This course discusses 1) K3 in the Field of Construction, 2) Hospital, 3) Maritime, 4) Informal Sector, 5) Transportation, 6) Oil and Gas, 7) Disaster and Fire, 8) Evaluates K3 Management System.
9. Course Prerequisites (if any)	None
10. Instructor	Dr. Indriati Paskarini, S.H., M.Kes
11. Teaching Assistants	<ol style="list-style-type: none"> 1. Meirina Ernawati, drh.,M.Kes 2. Mulyono, SKM'.M.Kes 3. Endang Dwiyantri, Dra.,M.Kes

B. TEACHING PROGRAM

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1	2	3	4	5	6	7	8	9	10
1	Students are able to identify, interpret, and provide solutions related to OSH problems in the maritime sector	Maritime K3 Scope: 1. OHS scope of the maritime sector 2. Limitation of OSH in the maritime sector 3. OHS issues in the maritime sector 4. Maritime sector OSH work program 5. Regulations related to OSH in the maritime sector	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7
2	Students are able to identify, interpret, and provide solutions related to Occupational Health and	Oil and Gas K3 Scope: 1. K3 scope of oil and gas sector	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
	Safety (K3) problems in the oil and gas sector	2. K3 Limitations in the oil and gas sector 3. K3 problems in the oil and gas sector 4. K3 work program in the oil and gas sector 5. Regulations related to K3 in the oil and gas sector				3. Take notes and provide			
3	Students are able to identify, interpret, and provide solutions related to Occupational Health and Safety (K3) problems in the oil and gas sector	Oil and Gas K3 Scope: 1. K3 scope of oil and gas sector 2. K3 Limitations in the oil and gas sector	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		3. K3 problems in the oil and gas sector 4. K3 work program in the oil and gas sector 5. Regulations related to K3 in the oil and gas sector							
4	Students are able to identify, interpret, and provide solutions related to safety problems in boilers	Safety scope of work in the boiler: 1. The scope of work safety in the boiler 2. Limitation of work safety in the boiler	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		3. Work safety problems in the boiler 4. Work safety program in the boiler 5. Regulations related to work safety in boilers							
5	Students are able to identify, interpret, and provide solutions related to K3 problems in the field of transportation	Scope K3 Transportation: 1. The scope of K3 in the field of transportation 2. Limitation of K3 in the field of transportation 3. K3 problems in transportation	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		4. K3 work program in transportation 5. Regulations related to K3 in transportation							
6	Students are able to identify, interpret, and provide solutions related to K3 problems in the field of transportation	Scope K3 Transportation: 1. The scope of K3 in the field of transportation 2. Limitation of K3 in the field of transportation 3. K3 problems in transportation 4. K3 work program in transportation	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		5. Regulations related to K3 in transportation							
7	Students are able to identify, interpret, and provide solutions related to K3 problems in the informal sector	Informal K3 scope: 1. The scope of K3 informal sector 2. Limitation of K3 informal sector 3. K3 problems in the informal sector 4. Informal sector K3 work program 5. Regulations related to K3 informal sector	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7
MID TERM EXAMINATION									
8	Students are able to identify, interpret, and provide solutions related to	Scope K3 construction.	Lectures Discussions Simulation	LCD Whiteboard	2x50 minutes	1. Asking questions and discussing	Complex and creative thinking,	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
	K3 problems in the construction field	1. K3 scope of construction 2. K3 limits in the field of construction 3. K3 problems in the field of construction 4. K3 work program in the field of construction 5. Regulations related to K3 in the field of construction		Teaching mterial		2. Pay attention and discussion 3. Take notes and provide	cooperation, communication		
9	Students are able to identify, interpret, and provide solutions related to K3 problems in the construction field	Scope K3 construction. 1. K3 scope of construction	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		2. K3 limits in the field of construction 3. K3 problems in the field of construction 4. K3 work program in the field of construction 5. Regulations related to K3 in the field of construction				3. Take notes and provide			
10	Students are able to identify, interpret, and provide solutions related to K3 problems in hospitals	Scope K3 Hospital. 1. The scope of K3 in the Hospital 2. Limitation of K3 in Hospitals	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		3. Health and Safety Problems in Hospitals 4. K3 work program in the Hospital 5. Health and Safety related regulations in hospitals							
11	Students are able to identify and compile fire and disaster prevention and management programs	Scope of fire and disaster prevention and control 1. Definition of fire prevention 2. Definition of disaster prevention 3. Definition of fire prevention	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		4. Definition of disaster management 5. Fire and disaster prevention work program 6. Work programs for fire and disaster management							
12	Students are able to identify and compile fire and disaster prevention and management programs	Scope of fire and disaster prevention and control 1. Definition of fire prevention 2. Definition of disaster prevention 3. Definition of fire prevention	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 8

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1	2	3	4	5	6	7	8	9	10
		4. Definition of disaster management 5. Fire and disaster prevention work program 6. Work programs for fire and disaster management							
13.	Students are able to analyze and provide solutions to problems that occur in the field related to maritime, oil and gas safety, boilers, transportation, informal, construction, hospitals. Fire and disaster	Scope of case studies. 1. Analysis and solution of maritime work safety problems 2. Analysis and solution of oil	Lectures Discussions Simulation	LCD Whiteboard Teaching material	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		and gas work safety problems 3. Analysis and solution of boiler safety problems 4. Analysis and solution of transportation safety problems 5. Analysis and solution of informal work safety problems 6. Analysis and solution of construction safety problems 7. Analysis and solution of							

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1	2	3	4	5	6	7	8	9	10
		hospital safety problems 8. Analysis and solution to fire and disaster safety problems							
14.	Students are able to analyze and provide solutions to problems that occur in the field related to maritime, oil and gas safety, boilers, transportation, informal, construction, hospitals. Fire and disaster	Scope of case studies. 1. Analysis and solution of maritime work safety problems 2. Analysis and solution of oil and gas work safety problems 3. Analysis and solution of boiler safety problems	Lectures Discussions Simulation	LCD Whiteboard Teaching mterial	2x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, cooperation, communication	7,14%	1 - 7

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1	2	3	4	5	6	7	8	9	10
		4. Analysis and solution of transportation safety problems 5. Analysis and solution of informal work safety problems 6. Analysis and solution of construction safety problems 7. Analysis and solution of hospital safety problems 8. Analysis and solution to fire							

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1	2	3	4	5	6	7	8	9	10
		and disaster safety problems							
FINAL TERM EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

1. Kepmen 555/men/1999 tentang K3 Pertambangan
2. PP 50/men/2012 tentang SMK3
3. ISO 9000
4. ISO 17025
5. OHSAS 18001:2007
6. Teknik manajemen K3 (Rudy Suardi)
7. Practical Loss Control Leadership (Dan Petterson)
8. Fire & Disaster management