	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
Universitas Airlangga	**SLP**		(Person in Charge)	(Head of Bachelor Program / Head of Department)	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date	January 1st, 2019	Mulyono, S.KM., 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**	Risk Management of Occupational Health and Safety
2.	**Course Code**	KMK312
3.	**Credits (SKS)**	2 (two) SKS
4.	**Semester / Term**	VII (seventh)
5.	**Study Program**	Bachelor of Public Health
6.	**Student Learning Achievement**	1. Able to carry out a study and analysis of the situation 2. Able to communicate affective 3. Having mastery of public health sciences 4. Capable of financial planning and skilled in management 5. Having leadership skills and systems thinking
7.	**Course Learning Achievement**	1. Define the problem correctly 2. Advocating for health programs and resources 3. Applying Public Health Sciences, including social and behavioral sciences, chronic diseases, infections and accidents 4. Apply basic human relations skills in organizational management, staff motivation and conflict resolution 5. Help create shared values and shared vision and use these principles as guidelines for the implementation of public health programs
8.	**Course Description**	This course discusses 1) Risks in the work environment, 2) Hazard identification techniques, 3) OHSAS, 4) Quantitative and qualitative risk analysis techniques, 5) Basic concepts of risk management, 6) Implementation of risk management, 7) Normative foundation of SMK3 , 8) SMK3, 9) SMK3 Audit
9.	**Course Prerequisites (if any)**	None
10.	**Instructor**	Mulyono, SKM., M.Kes
11.	**Teaching Assistants**	1. Dr. Y. Denny Ardyanto W, Ir.,M.S 2. Dr. Abdul Rohim Tualeka, Drs.,M.Kes 3. Dani Nasirul haqi, SKM.,M.KKK

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* 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 the development of risk management	General description of risk management. 1. Lecture contract 2. Introduction to risk management 3. History of risk management in the world and in Indonesia	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3
2	Students are able to understand and explain related basic concepts of risk management	General description of the basic concepts of risk management. 1. Definition of risk management 2. The scope of risk management 3. Limitation of risk management	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
3	Students are able to understand and explain the implementation of risk management	General description of risk management implementation. 1. Implementation of risk management in the workplace 2. The implementation of risk management in theory	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3
4	Students are able to understand and explain SMK3	General description of SMK3. 1. Understanding SMK3 2. The normative foundation of SMK3 3. Basis of SMK3 legislation	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		4. Implementation of SMK3 5. SMK3 Criteria 6. SMK3 Audit 7. Evaluate the work environment							
5	Students are able to understand and explain SMK3	General description of SMK3. 1. Understanding SMK3 2. The normative foundation of SMK3 3. Basis of SMK3 legislation 4. Implementation of SMK3 5. SMK3 Criteria 6. SMK3 Audit	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		7. Evaluate the work environment							
6	Students are able to understand and explain SMK3	General description of SMK3. 1. Understanding SMK3 2. The normative foundation of SMK3 3. Basis of SMK3 legislation 4. Implementation of SMK3 5. SMK3 Criteria 6. SMK3 Audit 7. Evaluate the work environment	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3
7	Students are able to understand and explain the work environment audit	General description of the audit of the work environment.	Lectures Discussions Simulation	LCD Teaching material	2x50 minutes	1. Introduction 2. Pay attention and discussion	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		1. Definition of a work environment audit 2. The basis for conducting an audit of the work environment 3. Carry out an audit of the work environment. 4. Evaluate the audit of the work environment		Hand out		3. Take notes and provide responses			
MID – TERM EXAMINATION									
8	Students are able to understand and explain	General description of hazard	Lectures Discussions	LCD	2x50 minutes	1. Introduction	Complex thinking and collaboration	7,14%	1-3

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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* and *soft* skills)	Mark / Grade / Percentage (%)	Reference Number Ref. (number)
1	2	3	4	5	6	7	8	9	10
	hazard identification techniques (PHA, FTA, What if, FMEA, Hazops, JSA, and JSO)	identification techniques. 1. Understanding each hazard identification technique 2. Weaknesses and strengths of each hazard identification technique 3. The scope of each hazard identification technique 4. Evaluate each hazard identification technique	Simulation	Teaching material Hand out		2. Pay attention and discussion 3. Take notes and provide responses			

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1	2	3	4	5	6	7	8	9	10
9	Students are able to understand and explain OSHAS	General description of OSHAS. 1. Definition of OSHAS 2. The development of OSHAS in the world 3. OSHAS weaknesses and strengths 4. OSHAS scope	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3
10	Students are able to understand and explain semi-qualitative and quantitative risk analysis techniques	General description of semi-qualitative and quantitative risk analysis techniques. 1. Understanding semi-qualitative and quantitative risk analysis techniques	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		2. The scope of semi-qualitative and quantitative risk analysis techniques 3. Weaknesses and strengths of semi-qualitative and quantitative risk analysis techniques							
11	Students are able to understand and explain qualitative risk analysis techniques	General description of qualitative risk analysis techniques. 1. Understanding the techniques of qualitative risk analysis 2. The scope of qualitative risk	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		analysis techniques 3. Weaknesses and strengths of qualitative risk analysis techniques							
12	Students are able to understand and explain risk evaluation techniques	General description of risk evaluation techniques. 1. Understanding risk evaluation techniques 2. The scope of risk evaluation techniques 3. Weaknesses and strengths of risk evaluation techniques	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
13	Students are able to understand and explain risks in the work environment	General description of risk in the work environment. 1. Understanding of risks in the work environment 2. Handling risks in the work environment 3. Evaluate risks in the work environment 4. Risk control in the work environment	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3
14	Students are able to understand and explain problems related to risk analysis in the workplace	General description of case studies. 1. A risk assessment case study using hazard	Lectures Discussions Simulation	LCD Teaching material Hand out	2x50 minutes	1. Introduction 2. Pay attention and discussion 3. Take notes and provide responses	Complex thinking and collaboration	7,14%	1-3

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1	2	3	4	5	6	7	8	9	10
		identification techniques 2. Case studies using risk analysis techniques 3. Case study on the implementation of SMK3 in the company							
FINAL TERM EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

1. Soehatman Ramli. Manajemen Risiko. 2010
2. Rudi Suwardi. SMK3. 2000
3. Risk Management Program Guidance for Offsite Consequence Analysis, US Environmental Protection Agency, 1999