
 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. Y. Denny Ardyanto, Ir., MS.	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	Application of Research Methodology (Occupational Health and Safety)
2. Course Code	PNM496
3. Credits (SKS)	3 (three) 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 carry out community empowerment 3. Having mastery of public health sciences
7. Course Learning Achievement	1. Define the problem correctly 2. Combining various strategies separately interacting with people from various backgrounds 3. Develop an all-time commitment to learning and develop strong critical thinking
8. Course Description	This course's materials include: Concept of Public Health Science, 5 Levels of Prevention, legal ethics and health policy, health services, Public Health genome, Public Health genome, the prevention of disease (communicable disease and non-communicable disease), disability and death in environmental health and occupational health.
9. Course Prerequisites (if any)	None
10. Instructor	Dr. Y. Denny Ardyanto, Ir., MS.
11. Teaching Assistants	1. Endang Dwiyanti, Dra., M.Kes 2. Dr. Indriati Paskarini, SH., M.Kes 3. Putri Ayuni Alayyannur, S.KM., M.KKK

B. TEACHING PROGRAM

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1	2	3	4	5	6	7	8	9	10
1	Students are able to define research problems precisely	Scope of research problems. 1. Lecture contract 2. Research flow 3. Problems, formulation of problems, objectives, research benefits, literature review, conceptual framework, and research hypotheses.	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1
2	Students are able to define research problems precisely	Scope of research problems. 1. Lecture contract 2. Research flow 3. Problems, formulation of	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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1	2	3	4	5	6	7	8	9	10
		problems, objectives, research benefits, literature review, conceptual framework, and research hypotheses.							
3	Students are able to define research problems precisely	Scope of research problems. 1. Lecture contract 2. Research flow 3. Problems, formulation of problems, objectives, research benefits, literature review, conceptual framework, and research hypotheses.	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1
4	Students are able to combine various	Scope of research design.	Lectures Discussions	LCD Whiteboard	3x50 minutes	1. Asking questions and discussing	Complex and creative thinking,	7,14%	1

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1	2	3	4	5	6	7	8	9	10
	background problems and are able to identify good and ethical research.	1. Research design, population, sample, sampling method, variables, analysis and data presentation 2. Ethics in research 3. The ethics of writing research results in the form of scientific articles	Simulation	Teaching material		2. Pay attention and discussion 3. Take notes and provide	practice, cooperation, communication		
5	Students are able to combine various background problems and are able to identify good and ethical research.	Scope of research design. 1. Research design, population, sample,	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion	Complex and creative thinking, practice, cooperation, communication	7,14%	1

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1	2	3	4	5	6	7	8	9	10
		sampling method, variables, analysis and data presentation 2. Ethics in research 3. The ethics of writing research results in the form of scientific articles				3. Take notes and provide			
6	Students are able to combine various background problems and are able to identify good and ethical research.	Scope of research design. 1. Research design, population, sample, sampling method, variables,	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1

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1	2	3	4	5	6	7	8	9	10
		analysis and data presentation 2. Ethics in research 3. The ethics of writing research results in the form of scientific articles							
7	Students are able to combine various background problems and are able to identify good and ethical research.	Scope of research design. 1. Research design, population, sample, sampling method, variables, analysis and data presentation 2. Ethics in research	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1

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1	2	3	4	5	6	7	8	9	10
		3. The ethics of writing research results in the form of scientific articles							
MID TERM EXAMINATION									
8	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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1	2	3	4	5	6	7	8	9	10
		accordance with the problem and research objectives							
9	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in accordance with the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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		problem and research objectives							
10	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in accordance with the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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		problem and research objectives							
11	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in accordance with the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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		problem and research objectives							
12	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in accordance with the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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		problem and research objectives							
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		problem and research objectives							
14.	Students are able to arrange research designs correctly and in accordance with existing theories based on the right background problems	Scope of research proposals. 1. Determination of the appropriate problem 2. Determination of appropriate research methods 3. Writing a research proposal in accordance with the guidelines 4. Determination of the problem variables in accordance with the	Lectures Discussions Simulation	LCD Whiteboard Teaching material	3x50 minutes	1. Asking questions and discussing 2. Pay attention and discussion 3. Take notes and provide	Complex and creative thinking, practice, cooperation, communication	7,14%	1 – 4

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		problem and research objectives							
FINAL TERM EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

1. Encyclopedia Occupational Health and Safety, ILO
2. Panduan etika dalam penelitian KEPK FKM UNAIR
3. Profil Jurnal di lingkungan FKM Unair, 2019
4. Laman akreditasi Sinta, Scopus, dan DOAJ.