

 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 1st, 2019	Kurnia Dwi Artanti,dr.,M.Sc	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	Epidemiology of Injuries
2. Course Code	KME420
3. Credits (SKS)	2 (two) SKS
4. Semester / Term	VI (sixth)
5. Study Program	Bachelor of Public Health
6. Graduate Learning Outcomes	After completing this course, students are expected to apply the concept of the epidemiology of accidents
7. Course Learning Outcomes	Applying Public Health Sciences, including social and behavioral sciences, chronic diseases, infections, and accidents
8. Course Description	This course is delivered through face-to-face meetings, discussion between groups in class. The materials discussed include the understanding of accidents, and the scope of the accidents, accident problems, the concepts of causes of accidents. Discussing the concept of prevention in accidents. Understanding the distribution of accidents according to place, time, and people. Explaining the size of frequency in accidents, namely accident frequency rate, accident incident rate, and accident severity rate. Discussing the relationship of worker attendance and disease patterns, discussing the application of epidemiological research methods in accidents. For evaluation, students are given independent assignments, with the evaluation being the presentation of assignments during discussions and mid-term and final examinations.
9. Course Prerequisites (if any)	Basic Epidemiology ; Epidemiology of Non Communicable Disease
10. Instructor	Kurnia Dwi Artanti,dr.,M.Sc
11. Teaching Assistants	Kurnia Dwi Artanti,dr.,M.Sc

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 explain the definition and scope of the epidemiology of accidents	1. Definition of epidemiology of accidents 2. Scope of the epidemiology of accidents	1. Lectures 2. Discussions	LCD	2x50 minutes		1. Discipline 2. Communication		No. 1, 2,4
2	Students are able to explain the Concept of the Causes of Accidents	1. Definition of the Concept of Causes of Accidents 2. Conceptual Theories of Causes of Accidents 3. Case Examples of Conceptual Theories of Causes of Accidents	1. Lectures 2. Discussions	LCD	2x50 minutes		1. Discipline 2. Communication		No. 2, 3,5
3	Students are able to explain the concept of prevention in accidents	1. Definition of the concept of	1. Lectures 2. Discussions	LCD	2x50 minutes		1. Discipline 2. Communication		No. 2,3,5

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1	2	3	4	5	6	7	8	9	10
		prevention in accidents 2. Primordial prevention 3. Primary Prevention 4. Secondary Prevention 5. Tertiary Prevention 6. Case Examples of the concept of prevention in accidents							
4	Students are able to explain the pattern of accidents	1. Accident Patterns according to people 2. Accident Patterns according to place	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5

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1	2	3	4	5	6	7	8	9	10
		3. Accident Patterns according to time							
5	Students are able to calculate Frequency Measurement in an accident	Frequency Measurement in accidents: a. Accident Severity Rate b. Accident Incident Rate c. Accident Frequency Rate	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
6	Students are able to explain accident surveillance	1. Definition of accident surveillance 2. Accident Surveillance Components	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
7	Students are able to Practice on Examination of	Practice	Practicum	Practicum worksheet	2 x 50 minutes		1. Discipline		

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1	2	3	4	5	6	7	8	9	10
	Epidemiological Risk Factors for Accidents						2. Communication 3. Confidence 4. Teamwork		
MID-SEMESTER EXAMINATION									
8	Students are able to describe descriptive & cross-sectional research in accidents	Descriptive & cross-sectional research in accidents	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
9	Students are able to explain analytical research in accidents	Analytical research in accidents	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication		No. 2,3,5
10	Students are able to explain experimental research in accidents	Experimental research in accidents	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
11	Students are able to present and review research journals	Research journal presentations in accordance with	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication		No. 2,3,5

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1	2	3	4	5	6	7	8	9	10
	according to epidemiological studies in accidents	epidemiological studies in accidents					3. Confidence 4. Teamwork		
12	Students are able to present and review research journals according to epidemiological studies in accidents	Research journal presentations in accordance with epidemiological studies in accidents	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
13	Students are able to present and review research journals according to epidemiological studies in accidents	Research journal presentations in accordance with epidemiological studies in accidents	1. Lectures 2. Discussions	LCD	2 x 50 minutes		1. Discipline 2. Communication 3. Confidence 4. Teamwork		No. 2,3,5
FINAL EXAMINATION									

C. REQUIRED TEXTS / REFERENCES / ESSENTIAL READINGS

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Required Readings :

1. A Public Health Action Plan to prevent Heart Disease and Stroke, U.S. Department of Health and Human Services Centers for Disease Control and Prevention
2. The economic impact of stroke in The Netherlands: the E-restore4stroke study, BMC Public Health 2012, 12:122
3. The cost effectiveness of an early transition from hospital to nursing home for stroke patients: design of a comparative study, BMC Public Health 2010, 10:279
4. Systematic review of mass media interventions designed to improve public recognition of stroke symptoms, emergency response and early treatment, BMC Public Health 2010, 10:784
5. Action on The Social Determinants Of Health: Learning from Previous Experiences, World Health Organization, Geneva, 2010.
6. Health in the post-2015 development agenda: need for a social determinants of health approach. Joint statement of the UN Platform on Social Determinants of Health
7. Reducing the Economic Impact of Non-Communicable Diseases in Low- and Middle-Income Countries, WHO, 2011.
8. Non Communicable Disease and Poverty, Need for Pro-poor Strategies in the Western Pacific Region, WHO, 2006.
9. Priority actions for the non-communicable disease crisis, www.thelancet.com Published online April 6, 2011
10. Non Communicable Diseases Country Profiles 2011, WHO, 2011.