



**Universitas Negeri Surabaya
Faculty of Engineering,
Electrical Engineering Masters Study Program**

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date
Analysis of Recent Journal Articles	2010102003	Compulsory Study Program Subjects	T=2 P=0 ECTS=4.48	2	July 17, 2024
AUTHORIZATION		SP Developer	Course Cluster Coordinator	Study Program Coordinator	
		Prof. Dr. Asto Budi T, M.T., Hapsari Peni	Unit Three Kartini, S.T., M.T., Ph.D.	Unit Three Kartini, S.T., M.T., Ph.D.	

Learning model Project Based Learning

Program Learning Outcomes (PLO) PLO study program that is charged to the course

Program Objectives (PO)

PO - 1	1) Able to analyze scientific articles in terms of rationale, theoretical basis, results and discussion, as well as conclusions and recommendations/suggestions.
PO - 2	2) Able to build a framework of insight and understanding that supports dissertation research plans (compiling a state of the art) through an inter, multi and transdisciplinary approach.
PO - 3	3) Able to compose scientific articles in the form of conceptual studies in the field of vocational education and submit them to journals.
PO - 4	4) Able to be honest, objective, thorough and responsible in compiling scientific articles and publications in scientific forums.

PLO-PO Matrix

	P.O																			
	PO-1																			
	PO-2																			
	PO-3																			
	PO-4																			

PO Matrix at the end of each learning stage (Sub-PO)

	P.O	Week																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
	PO-1																			
	PO-2																			
	PO-3																			
	PO-4																			

Short Course Description Make an analysis of at least 10 recent journal articles and write a scientific article using the results of this analysis. The scientific article must meet the minimum appropriate criteria and have been submitted.

References

Main :

1. 1) Ege. (2017). SWOT Analysis: A Theoretical Review. Journal International Social Research, 10(51). 994-106.
2. 2) Journal analysis. (2008). Retrieved January 22nd, 2020. From <https://www.researchtrends.com/issue6-july-2008/journal-analysis/>
3. 3) Complete Guide on Article Analysis. (2019). Retrieved January 22nd, 2020, from <https://medium.com/@nerdify/complete-guide-on-article-analysis-with-1-analysis-example-d4b2e993d3f>
4. 4) The Article Analysis, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/cms4/asset/CC3BFEEB-C364-E1A1-A5390F221AC0FD2D/business_article_analysis_gg_final.pdf

Supporters:

Supporting lecturer Prof. Dr. I Gusti Putu Asto Buditjahjanto, S.T., M.T.
Dr. Raden Roro Hapsari Peni Agustin Tjahyaningtjas, S.Si., M.T.

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

1	Understand the definition, types, examples and requirements of international science articles.	Understand the definition, types, examples and requirements of international articles.	Criteria: Criteria: Holistic Rubric Form: Non Test Form of Assessment : Participatory Activities	Lectures, discussions, questions and answers, and assignments 2 x 50"	Lectures, discussions, questions and answers, and assignments 2 x 50"	Material: Complete Guide on Article Analysis. (2019). Retrieved January 22nd, 2020, from https://medium.com/@nerdify/complete-guide-on-article-analysis-with-1-analysis-example-ddb2e993d3f References: Material: Learning Material 1: Types and examples of scientific articles References:	7%
2	Able to analyze various scientific articles, structure, layout, scope and level of publication	Understand the definition, types, examples and requirements of international articles.	Criteria: Criteria: Holistic Rubric Form: Non Test Form of Assessment : Participatory Activities	Able to analyze various scientific articles, structure, layout, scope and level of publication independently and responsibly 1. Students are able to provide a minimum of 3 examples of scientific articles 2. Students are able to identify various scientific articles - Method: Case Method Learning Step 1: Preparation of Example Case Questions Fundamentally, the lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying close attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides	Able to analyze various scientific articles, structure, layout, scope and level of publication independently and responsibly 1. Students are able to provide a minimum of 3 examples of scientific articles 2. Students are able to identify various scientific articles - Method: Case Method Learning Step 1: Preparation of Example Case Questions Fundamentally, the lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying close attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects?	Material: Complete Guide on Article Analysis. (2019). Retrieved January 22nd, 2020, from https://medium.com/@nerdify/complete-guide-on-article-analysis-with-1-analysis-example-ddb2e993d3f References: Material: Learning Material 2: Types and examples of scientific articles in National and International journals Pustaka:	7%

				<p>opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying close attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing a presentation. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers.</p>	<p>Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying close attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing a presentation. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers.</p>
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				<p>Give students time to reflect and revise the cases presented. Provide suggestions and input on case examples presented by students. Collect discussion results according to the agreed time limit. Presenting and responding to questions</p> <p>- Student Assignment: - Searching to identify scientific articles in national journals and international journals</p>			
3	<p>Able to analyze the meaning of "Ethics" and "plagiarism" correctly. Able to distinguish plagiarism and non-plagiarism in writing. Able to avoid and prevent plagiarism</p>	<p>Able to analyze the meaning of "Ethics" and "plagiarism" correctly. Able to distinguish plagiarism and non-plagiarism in writing. Able to avoid and prevent plagiarism</p>	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>2 x 50" - Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems</p>	<p>Material: Complete Guide on Article Analysis. (2019). Retrieved January 22nd, 2020, from https://medium.com/@nerdify/complete-guide-on-article-analysis-with-1-analysis-example-ddb2e993d3f</p> <p>References:</p> <p>Material: Learning Material 3: Types and examples of scientific articles in National and International journals</p> <p>Pustaka:</p> <p>Material: Learning Material 3: Types of Plagiarism in International Journal Articles and National Journals</p> <p>Library:</p>	7%

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				<p>reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>- Student Assignment: - Searching to identify scientific articles in national journals and international journals</p>			
4	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>2 x 50" - Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to</p>	- Method: Case Method Learning	<p>Material: Learning Material 4: Analysis of diversity in writing authorship, abstracts, keywords and introduction to scientific article publications</p> <p>. References:</p>	7%

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				<p>Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>-</p> <p>- Student Assignment:</p> <p>- Searching to identify scientific articles in national journals and international journals</p> <p>2 x 50"</p>			
5	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions</p> <p>[TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions</p> <p>[TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine</p>	<p>Material: Material 5 Analysis of diversity of published scientific articles References: 4) <i>The Article Analysis, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</i></p>	6%

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				<p>examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <ul style="list-style-type: none"> - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50" 			
6	<p>Students are able to analyze the definition and purpose of literature review, research methods, results, discussion, conclusions, thanks and bibliography.</p>	<p>Students are able to analyze the definition and purpose of literature review, research methods, results, discussion, conclusions, thanks and bibliography.</p>	<p>Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case</p>	<p>Material: Material 6 Analysis of the diversity of published scientific articles References: 1) Ege. (2017). <i>SWOT Analysis: A Theoretical Review. International Journal of Social Research</i>, 10(51). 994-106.</p>	5%

<p>examples presented.</p> <p>Students collect discussion results according to the agreed time limit.</p> <p>Presenting and responding to questions</p> <p>[TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet</p> <p>Learning Method</p> <p>Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that emergence, causes, effects?</p> <p>Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex)</p> <p>Lecturer determines collection procedures and time</p> <p>Lecturer makes agreement on deadline for collection, Gives students time to form groups</p> <p>Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented.</p> <p>Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>-</p> <p>- Student Assignment: - Searching to identify scientific articles in national journals and international journals</p> <p>2 x 50"</p>	<p>collection procedures and time</p> <p>Lecturer makes agreement on deadline for collection, Gives students time to form groups</p> <p>Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented.</p> <p>Students collect</p>
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				discussion results according to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"			
7	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented.</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented.</p>	<p>Material: Material 5 Analysis of diversity of published scientific articles References: 4) <i>The Article Analysis, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</i></p>	5%

<p>Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according</p>	<p>Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>
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				to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals and international journals			
8	Able to analyze and integrate all parts of a scientific article as a single unit.	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>2 x 50" - Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection,</p>	<p>Material: Material 7 Analysis of the diversity of published scientific articles References: 2) <i>Journal analysis.</i> (2008). Retrieved January 22nd, 2020. From https://www.researchtrends.com/...</p> <p>Material: Material 8 Analysis of the diversity of published scientific articles References: 2) <i>Journal analysis.</i> (2008). Retrieved January 22nd, 2020. From https://www.researchtrends.com/...</p>	6%

<p>to the agreed time limit.</p> <p>Presenting and responding to questions [TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method</p> <p>Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that emergence, causes, effects?</p> <p>Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex)</p> <p>Lecturer determines collection procedures and time</p> <p>Lecturer makes agreement on deadline for collection, Gives students time to form groups</p> <p>Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers.</p> <p>Provides time. students to reflect and revise cases presented.</p> <p>Provide suggestions and input on case examples presented.</p> <p>Students collect discussion results according to the agreed time limit.</p> <p>Present and</p>	<p>Gives students time to form groups</p> <p>Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers.</p> <p>Provides time. students to reflect and revise cases presented.</p> <p>Provide suggestions and input on case examples presented.</p> <p>Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>-</p> <p>- Student Assignment: - Searching to identify scientific articles in national journals and international journals</p> <p>2 x 50"</p>
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				<p>respond to questions</p> <ul style="list-style-type: none"> - Student Assignment: - Searching to identify scientific articles in national journals and international journals 			
9	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>2 x 50"</p> <p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions</p> <p>[TM: 3x170] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule,</p>	<p>Material: Material 9 Analysis of the diversity of published scientific articles</p> <p>References: 2) <i>Journal analysis. (2008). Retrieved January 22nd, 2020. From https://www.researchtrends.com/...</i></p>	7%

<p>responding to questions [TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method</p> <p>Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that emergence, causes, effects?</p> <p>Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex)</p> <p>Lecturer determines collection procedures and time</p> <p>Lecturer makes agreement on deadline for collection, Gives students time to form groups</p> <p>Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>-</p>	<p>Arrange groups, Step 3: Group Discussion</p> <p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation.</p> <p>Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>-</p> <p>- Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>
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				- Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"			
10	Able to write literature reviews and research methods correctly in English.	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170']</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion</p>	<p>Material: Material 9 Analysis of the diversity of published scientific articles References: 2) <i>Journal analysis. (2008). Retrieved January 22nd, 2020. From https://www.researchtrends.com/...</i></p> <p>Material: Material 10. Analysis of the diversity of scientific article publications. Reference: 2) <i>Journal analysis. (2008). Retrieved January 22nd, 2020. From https://www.researchtrends.com/...</i></p>	7%

				<p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions -</p> <p>- Student Assignment: Searching to</p>	<p>Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions -</p> <p>- Student Assignment: Searching to identify scientific articles in national journals and international journals 2 x 50"</p>
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				identify scientific articles in national journals and international journals 2 x 50"			
11	Able to write literature reviews and research methods correctly in English.	Able to analyze what should be written in the title, authorship, abstract, keywords and introduction	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet</p> <p>Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet</p> <p>Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the</p>	<p>Material: Material 10. Analysis of the diversity of published scientific articles References: 4) <i>The Article Analysis</i>, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</p>	6%

<p>identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals</p>	<p>discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>
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				and international journals 2 x 50"			
12	Able to write results, discussions and conclusions in correct English.	Able to write results, discussions and conclusions in correct English.	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet</p> <p>Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if</p>	<p>Material: Material 11. Analysis of the diversity of published scientific articles References: 4) <i>The Article Analysis</i>, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</p> <p>Material: Material 12. Analysis of the diversity of published scientific articles References: 4) <i>The Article Analysis</i>, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</p>	6%

<p>in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups, Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals and international journals</p>	<p>necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions - - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>
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13	Able to write tables, figures and units correctly and integrate them into scientific articles. Able to prepare submissions.	Able to write tables, figures and units correctly and integrate them into scientific articles. Able to prepare submissions.	<p>Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>2 x 50"</p> <p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170']</p> <p>Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vivesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions</p> <p>The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p>	<p>Material: Material 13. Analysis of the diversity of published scientific articles</p> <p>References: 4) <i>The Article Analysis, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</i></p>	6%
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				<p>Lecture via vinea/gc/meet Learning Method</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members</p> <p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>- - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>	<p>. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations. Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Present and respond to questions</p> <p>- - Student Assignment: - Searching to identify scientific articles in national journals and international journals 2 x 50"</p>		
14	Able to prepare presentations	Able to prepare	Criteria: Criteria: Holistic	- Method: Case Method	- Method: Case Method Learning	Material: Material 14. Analysis of the diversity of published scientific articles	6%

	<p>from scientific articles that have been written.</p>	<p>presentations from scientific articles that have been written.</p>	<p>Rubric Form: Non Test</p> <p>Form of Assessment : Participatory Activities</p>	<p>Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method</p>	<p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that arise, their causes and impacts? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions. Preparing presentations.</p> <p>Step 4: Group Presentation. Lecturer examines the presentation, provides opportunities for questions and answers. Provides time. students to reflect and revise cases presented. Provide suggestions and input on case examples presented. Students collect discussion results according to the agreed time limit. Presenting and responding to questions [TM: 3x170'] Student Assignment: Searching, identifying scientific articles in reputable journals - Learning Form: Lecture via vinesa/gc/meet Learning Method Step 1: Preparing Case Examples Basic Questions The lecturer asks: what are the public problems that emergence, causes, effects? Students respond to lecturer's questions, question and answer</p> <p>Step 2: Determine discussion procedures (Individual/Ex) Lecturer determines collection procedures and time Lecturer makes agreement on deadline for collection, Gives students time to form groups Students Agree on schedule, Arrange groups,</p> <p>Step 3: Group Discussion Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members . Students. Discussing examples of cases that will be taken. Collecting</p>	<p>References: 4) <i>The Article Analysis, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</i></p>
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15	Able to prepare presentations from scientific articles that have been written.	Able to prepare presentations from scientific	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p>	<p>- Method: Case Method Learning Step 1:</p>	<p>- Method: Case Method Learning Step 1: Preparing Case Examples Basic</p>	<p>Material: Material 15. Analysis of the diversity of published scientific articles References: 4) <i>The Article Analysis</i>, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</p>	6%

articles that have been written.

Form of Assessment :
Participatory Activities

Preparing Case Examples Basic Questions
The lecturer asks: what are the public problems that arise, their causes and impacts?
Students respond to lecturer's questions, question and answer
Step 2: Determine discussion procedures (Individual/Ex)
Lecturer determines collection procedures and time
Lecturer makes agreement on deadline for collection, Gives students time to form groups
Students Agree on schedule, Arrange groups,
Step 3: Group Discussion
Lecturer conducts observing/paying attention to the discussion process, providing information if necessary, encouraging all active group members
. Students. Discussing examples of cases that will be taken. Collecting and processing supporting data. Analyzing cases and their solutions.
Preparing presentations.
Step 4: Group Presentation.
Lecturer examines the presentation, provides opportunities for questions and answers.
Provides time. students to reflect and revise cases presented.
Provide suggestions and input on case examples presented.
Students collect discussion results according to the agreed time limit.
Presenting and responding to questions
[TM: 3x170']
Student Assignment: Searching, identifying scientific articles in reputable journals -
Learning Form: Lecture via vinesa/gc/meet
Learning Method Step 1: Preparing Case Examples Basic

Questions
The lecturer asks: what are the public problems that arise, their causes and impacts?
Students respond to lecturer's questions, question and answer
Step 2: Determine discussion procedures (Individual/Ex)
Lecturer determines collection procedures and time
Lecturer makes agreement on deadline for collection, Gives students time to form groups
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Step 4: Group Presentation.
Lecturer examines the presentation, provides opportunities for questions and answers.
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16	Able to prepare presentations from scientific articles that have been written.	Able to prepare presentations from scientific articles that have been written.	<p>Criteria: Criteria: Holistic Rubric Form: Non Test</p> <p>Form of Assessment : Participatory</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic</p>	<p>- Method: Case Method Learning</p> <p>Step 1: Preparing Case Examples Basic Questions The lecturer asks: what</p>	<p>Material: Material 15. Analysis of the diversity of published scientific articles References: 4) <i>The Article Analysis</i>, (2019), Retrieved 22nd January 2020, from https://www.gvsu.edu/...</p> <p>Material: Material 16. Analysis of the</p>	6%

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2 x 50"

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	100%
		100%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.