



**UNIVERSITAS SUMATERA UTARA (USU)
FACULTY OF AGRICULTURE
ANIMAL SCIENCE STUDY PROGRAM**

**Documen
Code
(Follow)**

SEMESTER LEARNING PLAN (SLP)

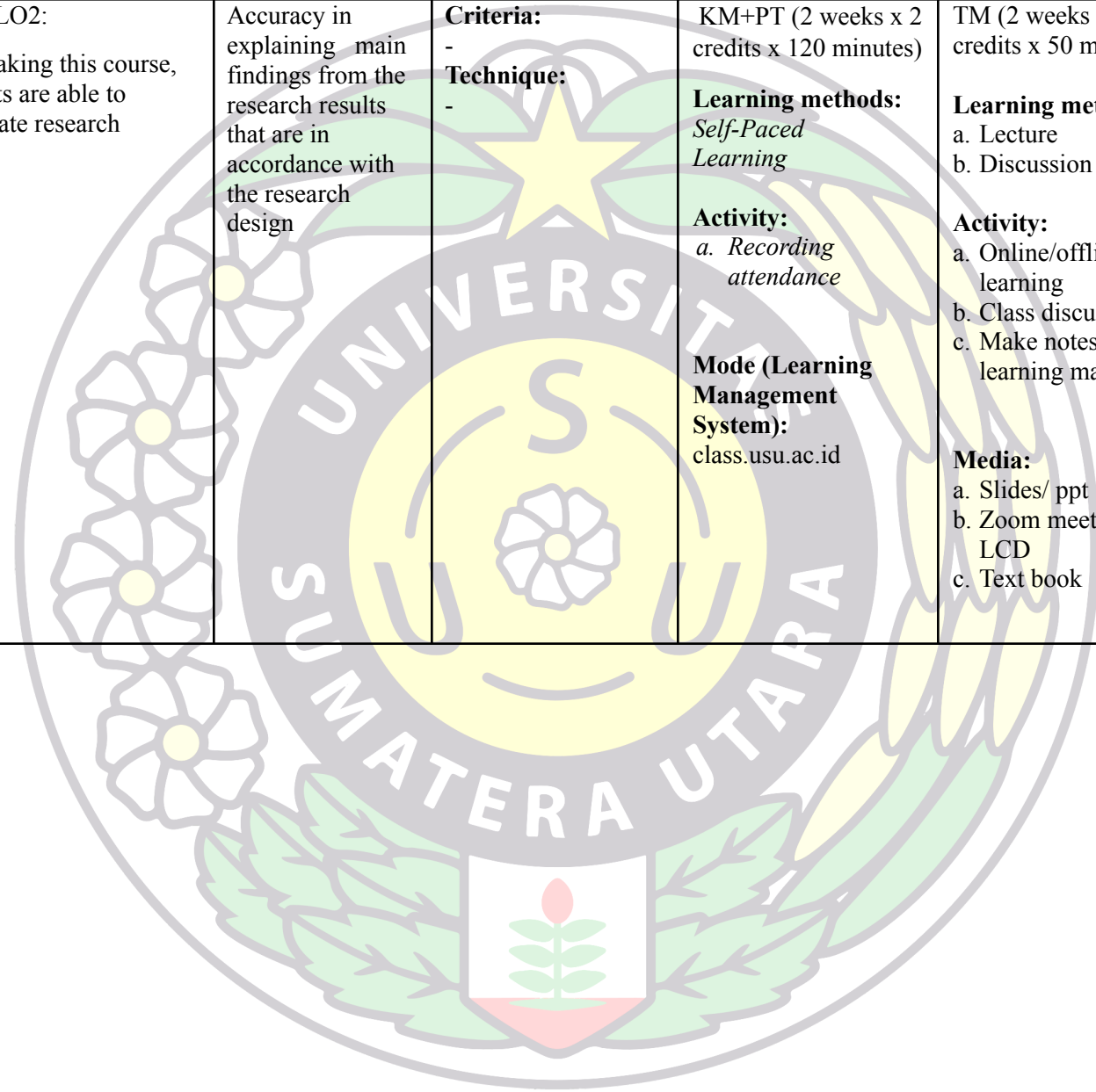
COURSE (Course)	CODE	Course Group	CREDIT (credits)		SEMESTER	Date of Compilation
Results Seminar	PTN4298	Exact	Theory =1	Practice =0	VIII	October 2022
AUTHORIZATION / APPROVAL	SLP Developer Lecturer		Vice Dean I		Chairman of LINK-UP USU	
			Dr. Lisnawita, SP, MP		Prof. Dr. Dwi Suryanto M.Sc.	
Learning Outcomes	LO-PRODI Charged to Course					
	LO01	Able to apply logical, critical, systematic and innovative thinking through the approach and implementation of animal husbandry science and technology by applying the STAR character.				
	LO03	Able to identify, formulate, and find solutions to problems related to the livestock sector				
	LO04	Able to interpret data, apply various methods and experiments and draw conclusions in the field of animal science.				
	LO05	Able to search for and compare literature based on current data and information as a basis for assessment in the field of animal science.				
	LO06	Conduct supervision and evaluation of the completion of assigned work and be able to manage lifelong learning independently				
	LO07	Able to disseminate knowledge and application of the latest TALENT-based technology in the field of animal husbandry				
	LO11	Able to develop, understand and apply a variety of the best techniques and methods that combine theory and practice related to livestock expertise.				
LO12	Have coherent and up-to-date knowledge in the field of animal science and in accordance with applicable legal regulations and can apply aspects of animal welfare.					

LO14	Able to communicate effectively both verbally and in writing to the public while respecting cultural diversity, views opinions nationally and globally.
Course Learning Outcomes (CLO)	
CLO Credit	
CLO0127: Able to apply logical, critical and systematic thinking in compiling research results	6.14%
CLO0345: Able to find solutions to problems related to research results	9.21%
CLO0405: Able to analyze data using various methods and experiments related to research results	3.07%
CLO0506: Able to compare literature based on data and current information related to research results	3.07%
CLO0639: Able to evaluate research results related to the latest innovations in the field of animal husbandry	6.14%
CLO0712: Able to provide information related to scientific experiment activity plans in the field of animal husbandry	6.14%
CLO1141: Able to explain the latest methods and experiments related to research results	6.14%
CLO1228: Able to explain research data in accordance with developments in science related to the field of animal husbandry.	30%
CLO1418: Able to present research results both orally and in writing related to the field of animal husbandry science.	30%
Final Ability of Each Learning Stage (Sub-CLO)	
Sub-CLO1	After taking this lecture, students are able to understand the concept of research results seminars.
Sub-CLO2	After taking this course, students are able to formulate research results.
Sub-CLO3	After taking this course, Students are able to examine research results based on literature searches, so that able to construct arguments, discussions
Sub-CLO4	After taking this course, Students are able to formulate research conclusions and suggestions
Sub-CLO5	After taking this course, Students are able to compile a research results seminar power point
Sub-CLO6	After taking this course, Students are able to present research results

Correlation of CLO with Sub-CLO	Sub-CLO1	Sub-CLO 2	Sub-CLO 3	Sub-CLO4	Sub-CLO5	Sub-CLO6
	CLO0127	√	√	√		
	CLO0345		√	√	√	
	CLO0405			√		
	CLO0506			√		
	CLO0639		√	√		
	CLO0712		√	√		
	CLO1141		√	√		
	CLO1228				√	√
	CLO1418					√
Brief Description of Course	This course is designed to equip students to be able to compile good research reports and present them in a...					
Study Material: Learning materials	BK07 Application and Development of Animal Science and Technology 1. Research report preparation skills 2. Skills in presenting research results 3. Discussion skills 4. Scientific article writing skills					
Library	Main: 1.					
	Supporters: 1.					

Supporting lecturer							
Required Courses							
(1)	Final ability of each learning stage (Sub-CLO) (2)	Evaluation		Form of Learning; Learning methods; Student Assignments; [Estimated Time]		Study Materials (Learning materials) (7)	Assessment Criteria (%) (8)
		Indicator (3)	Criteria and Techniques (4)	Asynchronous (5)	Synchronous (6)		
1	Sub-CLO1: After taking this lecture, students are able to understand the concept of research results seminars.	Accuracy in formulate research results and study results into a complete report	Criteria: - Technique: -	KM+PT (1 week x 2 credits x 120 minutes) Learning methods: <i>Self-Paced Learning</i> Activity: a. Attendance presence b. Download and read the Syllabus (RPS), Learning Implementation Plan (SAP), Course Agreement, and Learning Materials Mode (Learning Management System): class.usu.ac.id	TM (1 week x 2 credits x 50 minutes) Learning methods: a. Lecture b. Discussion Activity: a. Online/offline learning b. Class discussion c. Make notes about learning materials Media: a. Slides/ ppt b. Zoom meeting/ LCD c. Text book	Subject: - The purpose and scope of the research results seminar	0%

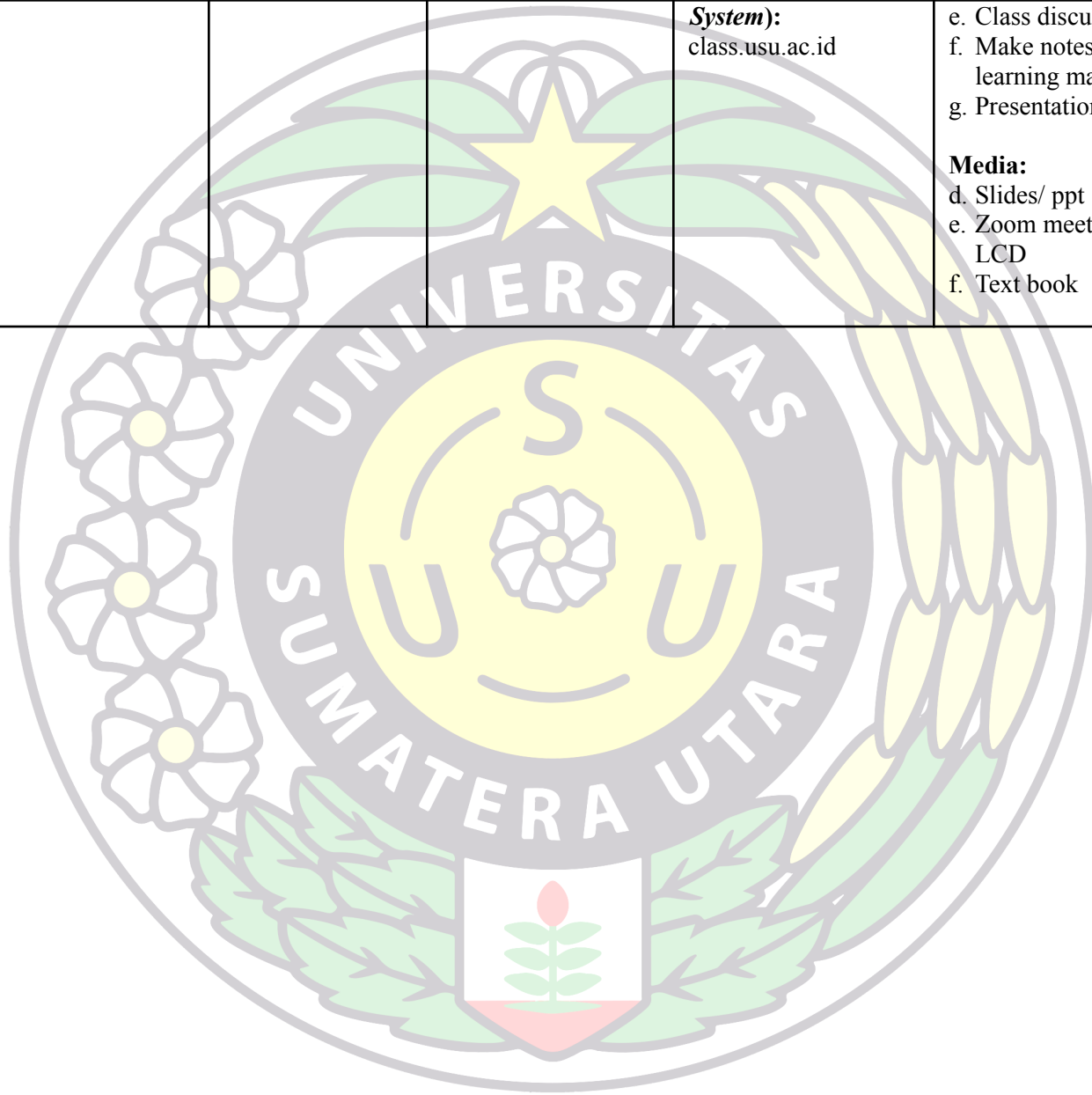
<p>2-4</p>	<p>Sub-CLO2: After taking this course, students are able to formulate research results.</p>	<p>Accuracy in explaining main findings from the research results that are in accordance with the research design</p>	<p>Criteria: - Technique: -</p>	<p>KM+PT (2 weeks x 2 credits x 120 minutes) Learning methods: <i>Self-Paced Learning</i> Activity: <i>a. Recording attendance</i> Mode (Learning Management System): class.usu.ac.id</p>	<p>TM (2 weeks x 2 credits x 50 minutes) Learning methods: a. Lecture b. Discussion Activity: a. Online/offline learning b. Class discussion c. Make notes about learning materials Media: a. Slides/ ppt b. Zoom meeting/ LCD c. Text book</p>	<p>Subject: - Communicat ion - Results narrative study - Chronology of research results - Data checking (editing) - Coding - Entering data (data entry) - Tabulating</p>
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5-7	<p>Sub-CLO 3:</p> <p>After taking this course, students are able to study research results based on literature search, so that able to compose argumentation, discussion</p>	<p>Accuracy in explaining research results based on literature search, so that able to compose argumentation, discussion</p>	<p>Criteria:</p> <ul style="list-style-type: none"> - <p>Technique:</p> <ul style="list-style-type: none"> - 	<p>KM+PT (2 weeks x 2 credits x 120 minutes)</p> <p>Learning methods: <i>Self-Paced Learning</i></p> <p>Mode (Learning Management System): class.usu.ac.id</p>	<p>TM (2 weeks x 2 credits x 50 minutes)</p> <p>Learning methods:</p> <ol style="list-style-type: none"> a. Lecture b. Discussion <p>Activity:</p> <ol style="list-style-type: none"> a. Online/offline learning b. Class discussion c. Make notes about learning materials <p>Media:</p> <ol style="list-style-type: none"> a. Slides/ ppt b. Zoom meeting/ LCD c. Text book 	<p>Subject:</p> <ul style="list-style-type: none"> - Communication Method - Search literature - Review the results - research with existing literature 	Case Meth 25%
8	<p>Sub-CLO 4:</p> <p>After taking this course, students are able formulate research conclusions and suggestions</p>	<p>Accuracy informulate research conclusions and suggestions</p>	<p>Criteria:</p> <p>Using assessment rubrics</p> <p>Technique:</p> <ul style="list-style-type: none"> - 	<p>KM+PT (2 weeks x 2 credits x 120 minutes)</p> <p>Learning methods: <i>Self-Paced Learning</i></p> <p>Activity:</p> <ol style="list-style-type: none"> a. Recording attendance 	<p>TM (2 weeks x 2 credits x 50 minutes)</p> <p>Learning methods:</p> <ol style="list-style-type: none"> a. Lecture b. Discussion <p>Activity:</p> <ol style="list-style-type: none"> a. Online/offline learning b. Class discussion c. Make notes about learning materials 	<p>Subject:</p> <ul style="list-style-type: none"> - Communication - Composing materials Conclusion and Suggestions 	PJBL Rese resu repo

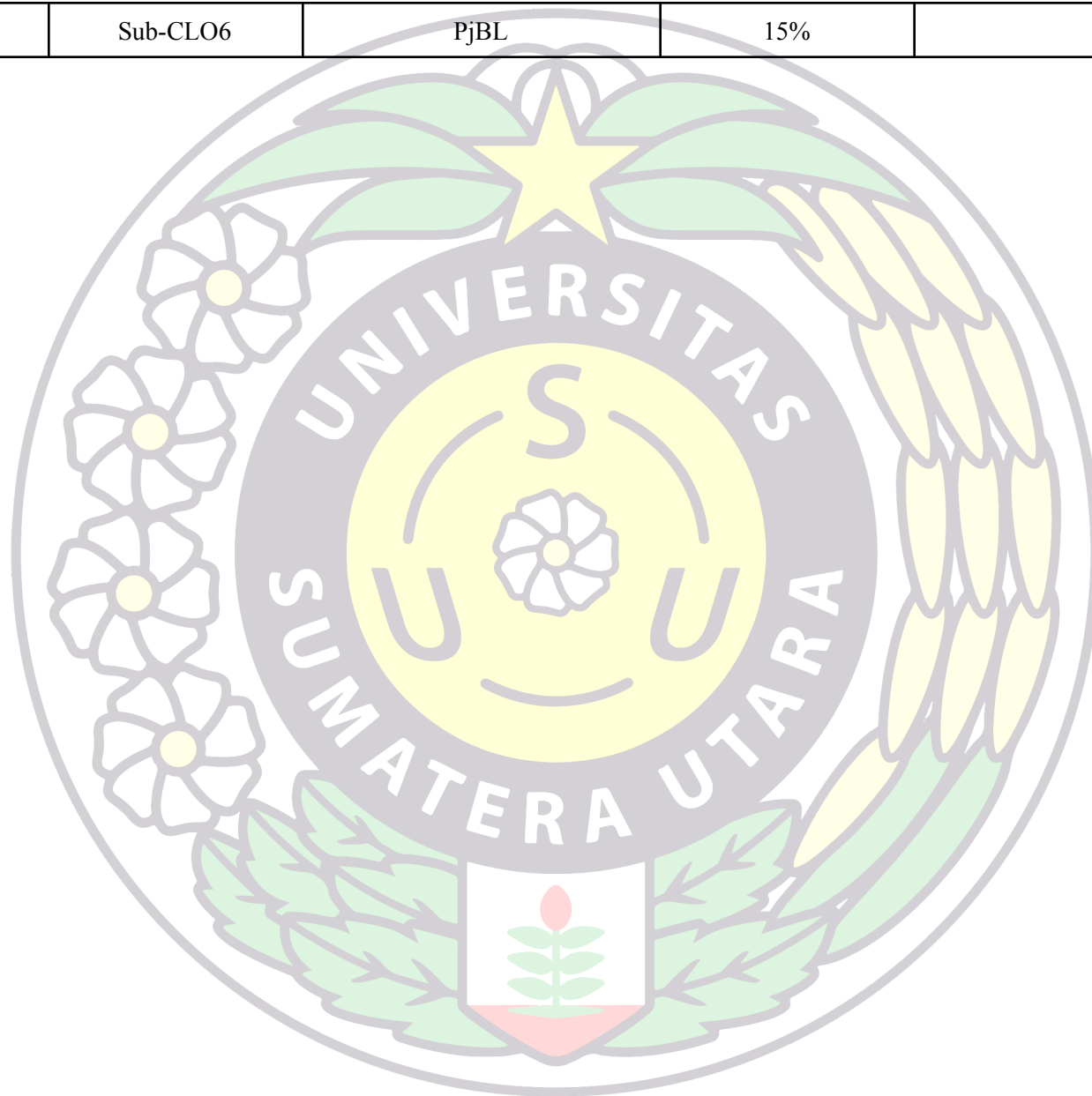
				Mode (Learning Management System): class.usu.ac.id	Media: a. Slides/ ppt b. Zoom meeting/ LCD Text book		
9-10	Sub-CLO 5: After taking this course, Students are able to compose power point seminar results study	Accuracy in understand evaluate feed for beef cattle according to maintenance needs	Critehappy: - Ttechnique: -	KM+PT (5 weeks x 2 credits x 120 minutes) Learning methods: <i>Self-Paced Learning</i> Mode (Learning Management System): class.usu.ac.id	TM (2 weeks x 2 credits x 50 minutes) Learning methods: a. Lecture b. Discussion Activity: a. Online/offline learning b. Class discussion c. Make notes about learning materials Media: a. Slides/ ppt b. Zoom meeting/ LCD c. Text book	Subject - Communicati on - Good and interesting power point writing methods	PJBL PP resea resu
11-16	Sub-CLO 6: After taking this course, students are able presenting the results study	Accuracy in explainingdisorde rs that occur in the nutrition of beef cattle	Critehappy: - Ttechnique: -	KM+PT (5 weeks x 2 credits x 120 minutes) Learning methods: <i>Self-Paced Learning</i> Mode (Learning Management	TM (2 weeks x 2 credits x 50 minutes) Learning methods: c. Lecture d. Discussion Activity: d. Online/offline learning	Subject - Communic ation - Good and interesting presentatio n method	PJB 109 (Prese ion)res h res

				<p>System): class.usu.ac.id</p>	<p>e. Class discussion f. Make notes about learning materials g. Presentation</p> <p>Media: d. Slides/ ppt e. Zoom meeting/ LCD f. Text book</p>		
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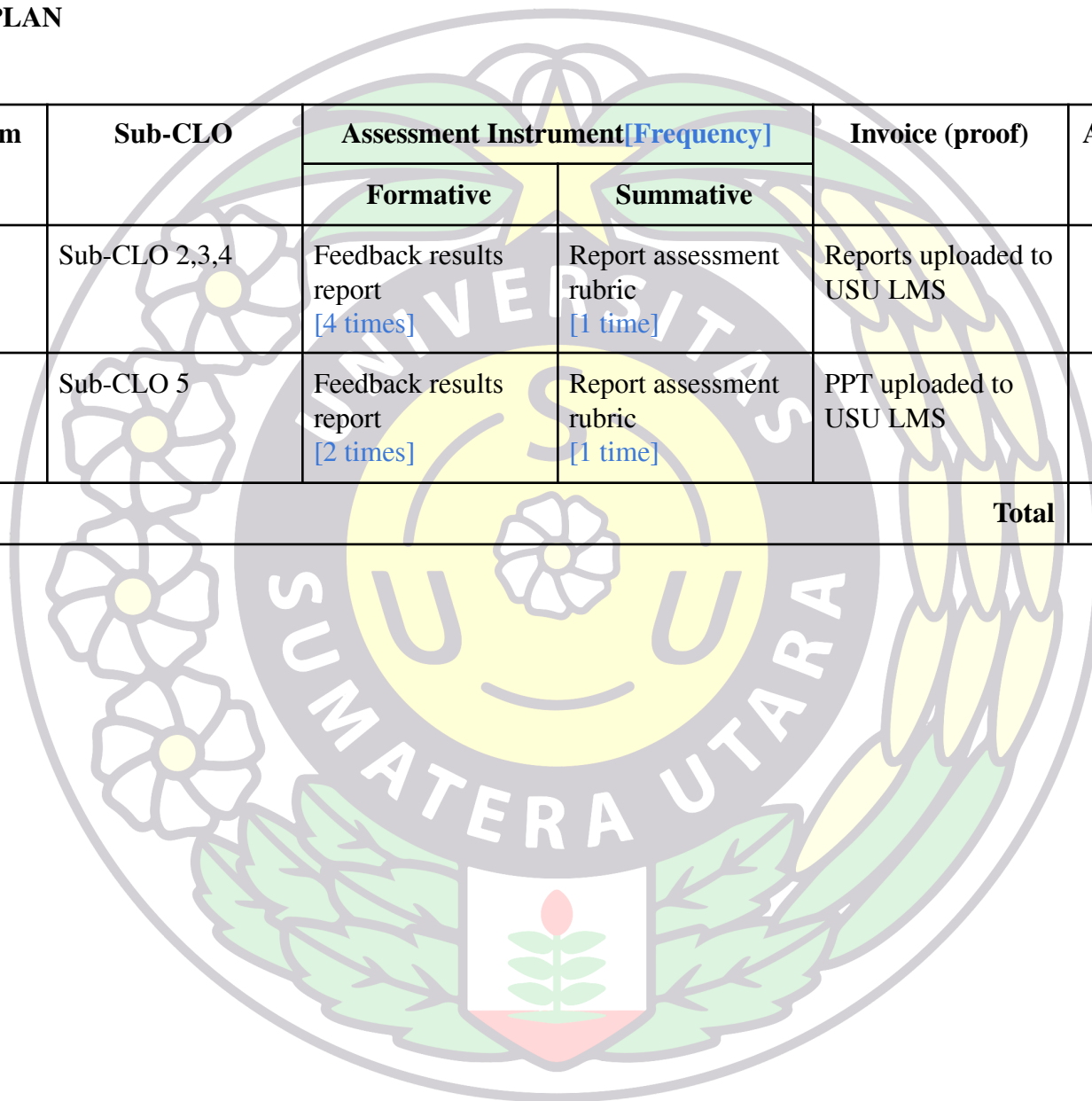
CLO Code and Percentage	CLO Sub Code	Evaluation Form	Percentage	Total	Implementation of Evaluation
CLO0127	Sub-CLO2	Case Mehod	3.07%	8.14%	Week 3
	Sub-CLO3	Case Mehod	5.07%		Week 4
CLO0345	Sub-CLO2	Case Mehod	5.07%	11.21%	Week 3
	Sub-CLO3	Case Mehod	3.07%		Week 4
	Sub-CLO4	Case Mehod	3.07%		Week 4
CLO0405	Sub-CLO3	Case Mehod	5.07%	5.07%	Week 5
CLO0506	Sub-CLO3	Case Mehod	5.07%	5.07%	Week 5
CLO0639	Sub-CLO2	Case Mehod	3.07%	8.14%	Week 4
	Sub-CLO3	Case Mehod	5.07%		Week 4
CLO0712	Sub-CLO2	Case Mehod	3.07%	8.14%	Week 7
	Sub-CLO3	Case Mehod	5.07%		Week 7
CLO1141	Sub-CLO2	Case Mehod	3.07%	6.14%	Week 5
	Sub-CLO3	Case Mehod	3.07%		Week 7
CLO1228	Sub-CLO5	PjBL	10%	20 %	Week 10
	Sub-CLO6	PjBL	10%		Week 16
CLO1418	Sub-CLO5	PjBL	15%	30%	Week 10

	Sub-CLO6	PjBL	15%		Week 16
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ASSESSMENT PLAN

Evaluation Form	Sub-CLO	Assessment Instrument [Frequency]		Invoice (proof)	Assessment Credit (%)
		Formative	Summative		
Project-Based Learning	Sub-CLO 2,3,4	Feedback results report [4 times]	Report assessment rubric [1 time]	Reports uploaded to USU LMS	50%
Case Method	Sub-CLO 5	Feedback results report [2 times]	Report assessment rubric [1 time]	PPT uploaded to USU LMS	50%
				Total	100%



ASSESSMENT RUBRIC

Presentation Assessment Rubric

CATEGORY	4 Very good	3 Good	2 Enough	1 Not enough	Mark
Group Preparation	<p>The group fully prepared themselves and performed optimal presentation exercises.</p> <p>Complement each other between group members with clear tasks for each group member.</p>	<p>The group seemed fairly prepared but may need more presentation practice.</p> <p>The responsibilities of each group member need to be identified.</p>	<p>The group made efforts to prepare themselves but did not practice presentation preparation.</p> <p>Tasks and responsibilities are assigned and accepted without due consideration.</p>	<p>The group did not appear to have prepared at all for their presentation.</p> <p>Tasks and responsibilities are assigned and accepted randomly.</p>	
Presentation Organization	<p>The group presents the content clearly, logically, and systematically, through an introduction, main ideas, and a cohesive conclusion.</p> <p>Groups use effective visual aids to support and strengthen presentations.</p>	<p>The group presents the content logically and systematically, through an introduction, main ideas and conclusion.</p> <p>Groups use visual aids that show a connection to the content of the presentation.</p>	<p>The group presents the content in a fairly logical and systematic manner, but does not contain an introduction, main ideas, or conclusion.</p> <p>The group occasionally used visual aids that did not support the content of the presentation.</p>	<p>Groups present the content randomly without any introduction, main ideas, or conclusions.</p> <p>The group used visual aids that were not supportive or had no visual aids at all.</p>	
Task Achievement	<p>Each group member is able to demonstrate solid</p>	<p>Each group member demonstrated good</p>	<p>Each group member demonstrated sufficient</p>	<p>Each group member had no knowledge of the</p>	

	knowledge through their respective presentations and elaborations, and deliver the part of the presentation that is their task according to the time allocation.	knowledge through their respective presentations and elaborations but in a shorter time than the time allocated for them.	knowledge but failed to provide elaboration, and presented his part in only half the time allocated to him.	content and presented their respective sections in less than half the time allocated to them.	
Presentation Content Mastery	Each group member demonstrated full understanding of the presentation topic. The main ideas presented are supported by evidence and critically evaluated.	Each group member showed a good understanding of the presentation topic. Most of the main ideas are illustrated with relevant evidence.	Each group member demonstrated a good understanding of some aspects of the topic. Some illustrations are given, but not critically evaluated.	Each member of the group did not appear to understand the presentation topic very well. Some evidence is mentioned, but not integrated into the presentation or evaluated.	
Answers to Questions	The group was able to correctly answer almost all of the questions asked by the audience about their presentation topic.	The group was able to answer most of the questions asked by the audience about the topic of their presentation correctly.	The group was able to answer several questions asked by the audience about their presentation topic appropriately.	The group was unable to answer questions asked by the audience about their presentation topic appropriately.	
Communication Quality	Group interaction with the audience shows interest and respect for the opinions of others. The responses given support effective communication.	Group interaction with the audience shows interest and respect for the opinions of others. Responses generally support effective communication.	Some parts of the interaction in the discussion show interest and respect for other people's opinions.	Interaction in discussion shows disrespect for other people's opinions. Responses do not support effective communication.	



RESEARCH RESULTS REPORT ASSESSMENT RUBRIC

STUDENT NAME :.....

NO.	CRITERIA	ASPECTS THAT RATED	MAX VALUE	AMOUNT
1.	Research result a. Data compilation (tables, graphs) b. Explanation of findings c. Benefits of research d. Hypothesis		30	
2.	Discussion a. Relation of results to objectives, theory, or previous research b. Up to date references (last 10 years)		40	
3.	Conclusion and Suggestions a. Conclusion Refers to the research objectives and the results obtained b. Suggestions provide practical or theoretical direction that can be taken from the research findings.		20	
4.	Writing techniques a. Typing error b. Writing citation sources		10	
		Amount	100	