

## RUBRIC FOR ATTITUDES

Course/Code	:	
Group Number	:	
Student Name	:	

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1	<b>Disiplin</b> diukur dengan kriteria: a) Persentase kehadiran >75% b) Hadir tepat waktu c) Mengirimkan tugas tepat waktu d) Mengikuti semua tata tertib perkuliahan/ praktikum		Fulfill only one requirement indicators	Fulfill two requirement indicators	Fulfill three requirement indicators	Fulfill all requirement indicators		

2	<p><b>Kejujuran</b> diukur dengan kriteria:</p> <ul style="list-style-type: none"> <li>a) Tidak menyontek pada saat ujian</li> <li>b) Tidak melakukan plagiarims (&gt;20%)</li> <li>c) Tidak melakukan manipulasi data</li> </ul>			Fulfill only one requirement indicators	Fulfill two requirement indicators	Fulfill three requirement indicators		
3	<p><b>Tanggung jawab</b> diukur dengan kriteria:</p> <ul style="list-style-type: none"> <li>a) Melaksanakan tugas dengan tuntas</li> <li>b) Responsif terhadap instruksi pengajar</li> <li>c) Saling mendorong satu dengan yang lain</li> <li>d) Bertindak dengan solidaritas</li> </ul>		Fulfill only one requirement indicators	Fulfill two requirement indicators	Fulfill three requirement indicators	Fulfill four requirement indicators		

4	<b>Sikap ilmiah</b> diukur dengan kriteria: a) Berpikiran terbuka pada saat berdiskusi di kelas b) Memeiliki rasionalitas ketika berargumentasi c) Rasa ingin tahu d) Berpikir kritis		Fulfill only one requirement indicators	Fulfill two requirement indicators	Fulfill three requirement indicators	Fulfill four requirement indicators		

## **RUBRIC FOR THE DIRECT ASSESSMENT (MULTIPLE, SHORT ANSWERS, AND FILL THE BLANK TEST)**

The direct assessment rubric is structured as follows:

1. Assessment can be in the form of multiple, short answers, fill the blank, and structured essay test
2. The explanation of the assessment instructions is clear and easy for students to understand
3. The questions in the direct assessment refer to the LO as the learning target for the course
4. Determination of scores in multiple questions, short answers, and fill the blank test is adjusted to the number of questions and the type of subject
5. Assessment in the form of an essay test is arranged in separate detail

## **RUBRIC FOR ESSAY TEST**

Course Name :

Student Name/NIM :

All answers should be given in paragraphs with complete sentences; the point value may vary from one test to another, each lecture can use the percentages as rough guide for grading criteria for his/her topic test

No	Criteria	1 (<20)	2 (21-40)	3 (41-60)	4 (61-80)	5 (80-100)	Weight	Score
1	The answer should meet criteria, such as: a. Complete and detail answer b. contextual explanation of the answer is very thorough and easy to understand	Does not meet all of the criteria	meet one of the criteria	meet some of the criteria	meet most of the criteria	meet all the criteria		

	c. the answer is relevant to the topic question d. structured writing organization							
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**PRESENTATION TASK ASSESSMENT RUBRIC: Presentation**

Subject Name/Code :  
 Task Title :  
 Student Name :  
 Group :

<b>Indicator</b>	<b>1 (&lt;50)</b>	<b>2 (50-60)</b>	<b>3 (61-70)</b>	<b>4 (71--80)</b>	<b>5 (80&lt;)</b>	<b>Weight</b>	<b>Score</b>
The quality of slides indicated by criteria below: a. Text, font size and graphic proportion for each slide is excellent b. Excellent contrast color setting c. supported by sufficient and fine graphic d. supported by sufficient visual	The quality of slides does not meet all criteria	The quality of slides meets one criteria	The quality of slides meets some criteria	The quality of slides meets most criteria	The quality of slides meets all criteria		
The slide content should meet criteria: a. the material delivered is in line with the topic of discussion b. Logical sequencing, concise content and clarity c. excellent structured writing organization d. correct spelling	The slide content does not meet all criteria	The slide content meets one criteria	slide content meets some criteria	slide content meets most criteria	slide content meets all criteria		
Presentation delivery should meet criteria: a. Clear volume and intonation b. Excellence confidence, body language, and	The slide content does not meet all criteria	The slide content meets one criteria	slide content meets some criteria	slide content meets most criteria	slide content meets all criteria		

<p>connection in presenting the topic</p> <p>c. Excellent Timing organization in presentation delivery</p> <p>d. Smoothly and comprehension in presentation delivery</p>							
<p>Respond to the question and good team work are indicated by criteria:</p> <p>a. good attitude in responding to questions</p> <p>b. The respond is relevant with the question asked</p> <p>c. Giving reasonable answer</p> <p>d. Good cooperation between members in responding to questions</p>	<p>Respond to the question does not meet all criteria</p>	<p>Respond to the question meets one criteria</p>	<p>Respond to the question meets some criteria</p>	<p>Respond to the question meets most criteria</p>	<p>Respond to the question meets all criteria</p>		

### RUBRIC for Student Participation in Discussion

Course Name :

Student Name/NIM :

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1	Frequency of participation in class		Student doesn't have initiative during the discussion even he/she is asked to	Student contributes actively once during the discussion	Student contributes actively twice during the discussion	Student contributes actively more than twice during the discussion		
2	Quality of comments required: a) Comprehensive b) Using Indonesian Standard c) Constructive d) Balanced: opinion, criticism, contribution e) Relevant comment or question to topic discussion	Comment fulfills one requirement	Comment fulfills two requirements	Comment fulfills three requirements	Comment given fulfills four requirements	Comment fulfills all requirement		
3	Listening skills	Does not listen to others; regularly talks while others speak or does not pay	Student is often inattentive and needs reminder of focus of class. Frequently makes	Student is often inattentive and needs reminder of focus of class. Occasionally makes	Student is mostly attentive when others present ideas, materials, or during the interactive	Student listens attentively when others present materials or during the interactive		



		attention while others speak; detracts from discussion; sleeps, etc.	disruptive comments while others are speaking	disruptive comments while others are speaking	discussion	discussion		
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## RUBRIC FOR LABORTORY-FIELD WORK

Course/Code	:	
Group Number	:	
Student Name	:	

Course learning outcome: students able to use bioscience in solving problems related to biological resources in tropical environments  
 students conduct case analysis to build solution recommendations, assisted by group discussions to test and develop design solutions;  
 Each Course can use criteria 1-5 according to the type of laboratory/field work

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1	Equipment handling, indicated by: a) Understand standar operational procedure for equipment use b) Able to operate equipment/tools correctly c) Handling equipment with care			Fulfill only one requirement indicators	Fulfill two requirement indicators	Fulfill all requirement indicators		

2	<p>Activity observation, indicated with:</p> <ul style="list-style-type: none"> <li>a) Perform laboratory/field techniques precise and systematically</li> <li>b) Safety awareness during laboratory/field work</li> <li>c) Ability to run software/application correctly</li> <li>d) Able to complete data collection</li> <li>e) Clean up, return all equipment and materials after laboratory/field work</li> </ul>	Fulfill only one criteria required by the course	Fulfill two criteria required by the course	Fulfill three criteria required by the course	Fulfill four criteria required by the course	Fulfill all criteria required by the course		
3	<p>Attitude and interaction in group, indicated by:</p> <ul style="list-style-type: none"> <li>a) Showing enthusiastic</li> </ul>	Not fulfill all criteria required by the course	Fulfill only one criteria required by the course	Fulfill two criteria required by the course	Fulfill three criteria required by the course	Fulfill all criteria required by the course		

	<p>performance during lab./field-work</p> <p>b) Respect during interaction with lecture/ lab. assistant</p> <p>c) Showing commitment and loyalty in team work</p> <p>d) Open mind, and respect other's opinion</p>							
4	<p>Literature, indicated by:</p> <p>a) The references used (textbook, article journal, proceeding) are within &lt;10 years publication</p> <p>b) All references used are stated in the manuscript</p> <p>c) The references are cited using appropriate sentence</p> <p>d) Using primary</p>	Fulfill only one criteria required by the course	Fulfill two criteria required by the course	Fulfill three criteria required by the course	Fulfill four criteria required by the course	Fulfill all criteria required by the course		

	<p>source for references</p> <p>e) The references used are in accordance to the topics discussed</p>							
5	Report (Writing report)	Does not fulfill any point format structure required by the course	Fulfill one point format structure required by the course	Fulfill some points format structure required by the course	Fulfill most points format structure required by the course	Excellent, fulfill all points format structure required by the course		

## RUBRIC FOR CASE METHOD/PROBLEM BASED LEARNING

Course/Code	:	
Group Number	:	
Student Name	:	

Course learning outcome: students able to use bioscience in solving problems related to biological resources in tropical environments  
 students conduct case analysis to build solution recommendations, assisted by group discussions to test and develop design solutions;  
 Each Course can use criteria 1-5 according to the type of problem-based learning/case method implemented

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1.	Identification of the main issues and/or problems indicated by: a) New topic issue/recently happening b) Problem identification c) Understanding the problem d) Complete problem statement using Indonesian	Does not fulfill requirement indicators	Fulfill one requirement indicators	Fulfill two requirement indicators	Fulfill three requirement indicators	Excellent, Fulfill four requirement indicators		

	Standard							
2.	Literature research & review	Use <2 Good national journal article within <5 years publication	Use <2 Good international journal article within <5 years publication	Use 2-3 Good international journal article within <5 years publication	Use >5 Good international journal article within <5 years publication	Use >5 Excellent international reputation journal article within <5 years publication		
3.	Analysis of the key issues	the analysis does not meet all the criteria required by the course	Incomplete analysis	Insightful and thorough analysis of <b>some</b> the key issues required by the course	Insightful and thorough analysis of <b>most</b> the key issues required by the course	Insightful and thorough analysis of <b>all</b> the key issues required by the course		
4.	Alternative solutions and/or options		analysis of alternative solutions does not cover the main issues proposed	Less comprehensive analysis alternative solutions cover some the main issues proposed	Comprehensive analysis of alternative solutions covers most the main issues proposed	Comprehensive analysis of alternative solutions cover all the main issues proposed		
5.	Case Report (Video, Resume, Article, presentation)	Does not fulfill any point format structure required by the course	Fulfill one point format structure required by the course	Fulfill some points format structure required by the course	Fulfill most points format structure required by the course	Excellent, fulfill all points format structure required by the course		

## PROJECT-BASED LEARNING RUBRIC

Course/Code	:	
Group Number	:	
Student Name	:	

Course learning outcome: students able to use bioscience in solving problems related to biological resources in tropical environments or students propose and implement project through laboratory or field works, literature/ web science study, or problem based;  
 Each Course can use criteria 1-5 according to the type of project based learning implemented

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1.	Defining Topic or problem: a) New topic issue/recently happening or New Problem issue/recently happening b) Student state the problem/topic clearly c) identifies underlying topic/problem d) Project title using grammatical standard	Does not meet all the course requirement of topic or problem defined	meet one the course requirement of topic or problem defined	meet some the course requirement of topic or problem defined	meet most the course requirement of topic or problem defined	Excellent, completely meet all the course requirement of topic or problem defined		
2.	Propose planning indicated by:: a) Choosing project topic b) Pre-communicative activities c) Asking essential	students carry out one of the requirements specified by the	students carry out two of the requirements specified by the course	students carry out three of the requirements specified by the course	students carry out four of the requirements specified by the	students carry out all the requirements specified by the		



	<p>questions</p> <p>d) Designing project plan</p> <p>e) Creating project timeline</p>	course			course	course		
3.	<p>Data collection is evaluated based on criteria:</p> <p>a) preparation of material and equipment</p> <p>b) Handling equipment</p> <p>c) Systematic implementation stages ( in sequence procedure)</p> <p>d) Complete parameter measurement</p> <p>e) Students can work together and very independent</p>	students carry out one of the criteria specified by the course	students carry out two of the criteria specified by the course	students carry out three of the criteria specified by the course	students carry out four of the criteria specified by the course	students carry out all the criteria specified by the course		
4.	<p>Data analysis is evaluated based on criteria:</p> <p>a) Analyzed based on the project objective (s)</p> <p>b) use the correct/ appropriate data analysis (quantitative or qualitative analysis method)</p> <p>c) verified by valid references/ resources</p> <p>d) comprehensive explanation/narration</p>	students do not carry out all the criteria specified by the course	students carry out one of the criteria specified by the course	students carry out two of the criteria specified by the course	students carry out three of the criteria specified by the course	students carry out all the criteria specified by the course		
5.	<p>Recommendations on effective solutions</p> <p><b>(additional point for</b></p>	students carry out one of the	students carry out two of the requirements	students carry out three of the	students carry out four of the	students carry out all the		

	<b>Project based on Problem/Case):</b> a) short-term and long-term recommendations; b) realistic time frames, c) designation of roles and responsibilities of all stakeholders d) designed an appropriate evaluation program	requirements specified by the course	specified by the course	requirements specified by the course	requirements specified by the course	requirements specified by the course		
6.	Literature research & review	Use <2 national journal article within <5 years publication	Use <2 international journal article within <5 years publication	Use 2-3 international journal article within <5 years publication	Use >5 international journal article within <5 years publication	Use >5 international reputation journal article within <5 years publication		
7.	Report (Video, Writing report, Article, oral reporting/presentation, product)	Does not fulfill any point format structure required by the course	Fulfill one point format structure required by the course	Fulfill some points format structure required by the course	Fulfill most points format structure required by the course	Excellent, fulfill all points format structure required by the course		



**UNIVERSITAS JEMBER**  
**FACULTY OF MATHEMATICS AND NATURAL SCIENCES**  
**BACHELOR PROGRAMME IN BIOLOGY**

**RUBRIC ASSESSMENT**

**SOCIODRAMA/ROLE PLAY**

Date :  
Time :  
Course :  
Team Work :

No	Criteria	Level 1 (<50)	Level 2 (50-60)	Level 3 (61-70)	Level 4 (71-80)	Level 5 (80<)	Weight	Score
1.	Material suitability	No in accordance	Not enough in accordance	Enough in accordance	In accordance	Very suitable		
2.	Preparedness	Very bad	bad	Good enough	good	excellent		
3.	Participation	Not active during topic role play presentation	sometimes active during topic role play presentation	usually willing and focused during topic role play presentation	Always active and focused during topic role play presentation	very Active and focused during topic role play presentation		
4.	Character presentation	limited communication of character's role	adequate communication of character's role	competent communication of character's role	Very competent communication of character's role	Convincing communication of character's role		
5.	Objective achievement	The objective is not established and achieved	The objective is unclearly established and achieved	The objective is quite clearly established and achieved	achieved is clearly established and achieved	The objective is very clearly established and achieved		



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6.	Use of Non-Verbal Cues: a. Voice b. Gestures c. Eye contact d. Costumes e. tools	Limited variety of just 1 non-verbal cue is used in a developing way.	Satisfactory variety of 2 non-verbal cues used in an acceptable way	Good variety of 3 non-verbal cues are used in a competent way	impressive variety of 4 non-verbal cues are used in an exemplary way.	Very impressive variety of 5 non-verbal cues are used in an exemplary way.		
7.	Creativity and innovation	Choices demonstrate little awareness and do little to enhance role play	Choices demonstrate awareness and developing acceptably enhance role play	Choices demonstrate thoughtfulness and completely enhance role play	choices demonstrate insight, less innovative and powerfully enhance role play	choices demonstrate insight, innovative, and powerfully enhance role play		

## RUBRIC for POSTER

Course/Code	:
Group Number	:
Student Name	:

Course learning outcome: students able to use bioscience in solving problems related to biological resources in tropical environments or students propose and implement project through laboratory or field works, literature/ web science study, or problem based;  
Each Course can use criteria 1-5 according to the type of project based learning implemented

No	Criteria	1 (<50)	2 (50-60)	3 (61-70)	4 (71-80)	5 (80<)	Weight	Score
1.	<p><b>Coverage of the topic:</b></p> <p>a) Title of poster is in accordance with defined/ selected topic</p> <p>b) Title of poster used grammatical standard</p> <p>c) The topic are new issue or recently happening</p> <p>d) The topic is easy to understand by audience</p>	Student does not fulfill any criteria requirement for coverage of the topic	Student only fulfill one criteria requirement for coverage of the topic	Student fulfill two criteria requirement for coverage of the topic	Student fulfill three criteria requirement for coverage of the topic	Student fulfill all criteria requirement for coverage of the topic		
2.	<p><b>Content and organisation:</b></p> <p>a) Material in poster is in line with the topic</p> <p>b) The poster are well organized and systematically</p> <p>c) Concise content and</p>	Student does not fulfill any criteria requirement for poster content and	Student only fulfill one criteria requirement for poster content and organisation	Student fulfill two criteria requirement for poster content and organisation	Student fulfill three criteria requirement for poster content and organisation	Student fulfill all criteria requirement for poster content and organisation		

	<p>showing clarity</p> <p>d) Excellent writing organisation and correct spelling</p>	organisation				n		
3.	<p><b>Lay out, graphics and design:</b></p> <p>a) Appropriate text, font size and graphic proportion</p> <p>b) Excellent contrast color setting</p> <p>c) Supported with selection of color (smooth color)</p> <p>d) Supported with sufficient graphic and visual setting</p>	Student does not fulfill all criteria requirement for poster lay outing, graphics and design	Student only fulfill one criteria requirement for poster lay outing, graphics and design	Student fulfill two criteria requirement for poster lay outing, graphics and design	Student fulfill three criteria requirement for poster lay outing, graphics and design	Student fulfill all criteria requirement for poster lay outing, graphics and design		