

Universitas Negeri Surabaya Faculty of Education Undergraduate Guidance and Counseling Study Program

Document Code

SEMESTER LEARNING PLAN

Courses				COD	DE					C	Cou	rse F	am	ily			Cre	dit V	Vei	ght			SEN	/IES	STER	Co Da	mpilation te
Descript	ive s	tatistics		8620	01021	167											T=2	P=	-0	ECT	5=3.	18		3		Jul	y 17, 2024
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Learning model	J	Case Studies		<u> </u>																							
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		Supporters:																									
Support lecturer	ting	Dr. Eko Darminto Prof. Dr. Mocham Dr. Ari Khusumad	, M.Si. nad Nur dewi, S.	rsalim .Pd., №	, M.S M.Pd.	i.																					
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Data

and answer (voiceexpression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout

		results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness				
2	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand standard number measurements. Students understand distribution slope measurements. Data	 1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics 3.Measurement scale 4.understand mean centered measurement 5.can interpret the results of average calculations 6.understand median centered measurement 7.can interpret the results of median calculations 8.understand centralized measurement 9.can interpret the results of mode 9.can interpret the results of mode 9.can interpret the results of mode 9.can interpret the results of quartile measurements 11.can interpret the results of quartile calculations 12.understand quartile measurements 13.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of quartile calculations 15.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of quartile calculations 16.understand decile measurements 17.can interpret the results of decile calculations 18.understand the measurements 19.can interpret the results of percentile measurement of Average Deviation 19.can interpret the Average Deviation 	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14. B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

		20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance calculations 22.understand Standard Number measurements and be able to interpret the results of Standard Number calculations 23.understand the measurement of Data Distribution Skewness 24.interpret the results of data distribution Skewness 24.interpret the results of data distribution Skewness 24.interpret the results of data distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness				
3	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand average deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand standard number measurements. Students understand standard number measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand data distribution skew measurements. Data	 Students Understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale Understand mean centered measurement Can interpret the results of average calculations understand median centered measurement can interpret the results of median calculations understand centralized measurement mode calculations Understand centralized measurement node calculations Understand quartile measurements can interpret the results of mode calculations understand quartile calculations understand quartile calculations understand quartile calculations understand 	 Criteria: Activeness (quantity of participating) Organization of ideas/arguments Accuracy of argument Language Usage: Accuracy Clarity Attitude and intonation during discussion/question and answer (voice-expression, volume and intonation) A. Contents Accuracy of concept/material A. Completeness of material coverage Accuracy for the concept/material S. Depth in elaborating the material A. Conformity with the specified systematics N. Neatness of layout 	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

		quartile				
		measurements				
		13.can interpret				
		the results of				
		quartile				
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		percentile				
		calculations				
		18.understand				
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		measurement				
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		22.understand				
		Standard				
		Number				
		measurements				
		and be able to				
		interpret the				
		results of				
		Standard				
		Number				
		calculations				
		23.understand				
		the				
		measurement				
		of Data				
		Distribution				
		Skewness				
		24.interpret the				
		results of data				
		distribution				
		slope				
		calculations				
		25.understand				
		the				
		measurement				
		of Data				
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		calculation				
		Distribution				
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4	Students understand the	1.Students	Criteria:	Small		0%
4	Students understand the lecture material	1.Students understand	Criteria: 1.Activeness (quantity	Small Group Discussion		0%
4	Students understand the lecture material and process for 1	1.Students understand the lecture	Criteria: 1.Activeness (quantity of participating) 2. Organization of	Small Group Discussion (SGD)		0%
4	Students understand the lecture material and process for 1 semester. Students understand the	1.Students understand the lecture material for 1	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas (arguments)	Small Group Discussion (SGD) Contextual		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of	1.Students understand the lecture material for 1 semester 2 Understand	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of	Small Group Discussion (SGD) Contextual Instruction		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students	1.Students understand the lecture material for 1 semester 2.Understand the basic	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument	Small Group Discussion (SGD) Contextual Instruction (CI)		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand controlized	1.Students understand the lecture material for 1 semester 2.Understand the basic concents of	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Lappuage Usage:	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements	1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students	1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics 3.Measurement	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%
4	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile	1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics 3.Measurement scale	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

understand decile measurements. Students understand percentile . measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand data distribution skew measurements. Students understand distribution slope measurements. Data

mean centered measurement 5.can interpret the results of average calculations 6.understand median centered measurement 7.can interpret the results of median calculations 8.understand centralized measurement mode 9.can interpret the results of mode calculations 10.understand quartile measurements 11.can interpret the results of quartile calculations 12.understand quartile measurements 13.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of decile calculations 16.understand percentile measurements 17.can interpret the results of percentile calculations 18.understand the measurement of Average Deviation 19.can interpret the results of the Average Deviation calculation 20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance

calculations 22.understand Standard Number

interpret the results of Standard Number calculations 23.understand the measurement of Data Distribution

discussion/question and answer (voiceexpression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout measurements and be able to

		Skewness 24.interpret the results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness				
5	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand distribution slope measurements. Data	 Students understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement can interpret the results of understand median calculations understand centralized measurement can interpret the results of median calculations understand centralized measurement can interpret the results of mode calculations understand quartile measurements can interpret the results of quartile measurements can interpret the results of decile calculations understand percentile measurements can interpret the results of decile calculations understand percentile measurements can interpret the results of percentile measurements 	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

		Deviation calculation 20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance calculations 22.understand Standard Number measurements and be able to interpret the results of Standard Number calculations 23.understand the measurement of Data Distribution Skewness 24.interpret the results of data distribution Skewness 24.interpret the results of data distribution Slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation spiralness 26.interpret the calculation Spiralness 26.interpret the calculation Spiralness				
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		12.understand	1				
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		13.can interpret					
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		10.understand					
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		17.can interpret					
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		calculation					
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		the					
		measurement					
		of Standard					
		Deviation and					
		Variance					
		21.can interpret					
		the results of					
		Standard					
		Deviation and					
		Variance					
		calculations					
		22.understand					
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		Number					
		measurements					
		and he able to					
		interpret the					
		roculto of					
		results of					
		Standard					
		number					
		calculations					
		23.understand					
		the					
		measurement	1				
		of Data					
		Distribution					
		Skewness					
		24.interpret the					
		results of data	1				
		distribution	1				
		slope	1				
		calculations	1	1	1		
		25.understand					
		25.understand the					
		25.understand the measurement					
		25.understand the measurement of Data					
		25.understand the measurement of Data Distribution					
		25.understand the measurement of Data Distribution Spiralness					
		25.understand the measurement of Data Distribution Spiralness 26.interpret the					
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7	Students	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students	Criteria:	Small			0%
7	Students understand the	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand	Criteria: 1.Activeness (quantity	Small Group			0%
7	Students understand the lecture material	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture	Criteria: 1.Activeness (quantity of particination)	Small Group Discussion			0%
7	Students understand the lecture material and process for 1 semester Studente	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1	Criteria: 1.Activeness (quantity of participating) 2.Organization of	Small Group Discussion (SGD)			0%
7	Students understand the lecture material and process for 1 semester. Students understand the	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arruments	Small Group Discussion (SGD) Contextual			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2 Linderstand	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3 Accuracy of	Small Group Discussion (SGD) Contextual Instruction			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2.Understand the basis	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument	Small Group Discussion (SGD) Contextual Instruction (CI)			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4 Language Usago:	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Structure	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6 Clority	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50			0%
7	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile	25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of Statistics 3.Measurement	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50			0%

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Data

intonation during

discussion/question

and answer (voice-

expression, volume

and intonation)

8.A. Contents

9.1. Accuracy of concept/material

10.2. Accuracy of

examples for the

concept/material

11.3. Completeness of material coverage

12.4. Confusion in

discussing the

elaborating the

15.6. Correct use of

material

material

14.B. Writing

language 16.7. Conformity with

the specified

systematics

layout

17.8. Neatness of

13.5. Depth in

supporting

		Distribution Skewness 24.interpret the results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution				
8	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand distribution skew measurements. Students understand distribution slope measurements. Data	 Students understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement Can interpret the results of median calculations Sunderstand centralized measurement mode calculations understand calculations Sunderstand calculations understand quartile calculations understand quartile calculations anterpret the results of quartile calculations anterpret the results of quartile calculations anterpret the results of decile calculations anterpret the results of decile calculations anterpret the results of percentile measurements calculations anderstand percentile measurements calculations anderstand percentile	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

		the Average Deviation calculation 20. understand the measurement of Standard Deviation and Variance 21. can interpret the results of Standard Deviation and Variance calculations 22. understand Standard Number measurements and be able to interpret the results of Standard Number calculations 23. understand the measurement of Data Distribution Skewness 24. interpret the results of data distribution slope calculations 25. understand the measurement of Data Distribution slope calculations 25. understand the measurement of Data Distribution Spiralness 26. interpret the calculation spiralness				
9	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand distribution skew measurements. Data	 Students understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement can interpret the results of median calculations understand median can interpret the results of median can interpret the results of median can interpret the results of median understand centralized measurement can interpret the results of mode can interpret the results of mode can interpret the results of 	 Criteria: Activeness (quantity of participating) Organization of ideas/arguments Accuracy of argument Acagument Accuracy of argument Accuracy Carity Actitude and intonation during discussion/question and answer (voice-expression, volume and intonation) B.A. Contents A. Contents Accuracy of concept/material A. Completeness of material coverage A. Confusion in discussing the material B. Depth in elaborating the material Correct use of language C. Conformity with the specified systematics B. Neatness of layout 	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

		quartile calculations 12.understand quartile measurements 13.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of decile calculations 16.understand percentile measurements 17.can interpret the results of percentile calculations 18.understand the measurement of Average Deviation 19.can interpret the results of the Average Deviation 20.understand the measurement of Standard Deviation and Variance				
		Standard Number measurements and be able to interpret the results of Standard Number calculations 23.understand the measurement of Data Distribution Skewness 24.interpret the results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness				
10	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized	1.Students understand the lecture material for 1 semester 2.Understand the basic concepts of	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage:	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand data distribution skew measurements. Students understand distribution slope measurements. Data

measurements.

Statistics 3.Measurement scale 4.understand mean centered measurement 5.can interpret the results of average calculations 6.understand median centered measurement 7.can interpret the results of median calculations 8.understand centralized measurement mode 9.can interpret the results of mode calculations 10.understand quartile measurements 11.can interpret the results of quartile calculations 12.understand quartile measurements 13.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of decile calculations 16.understand percentile measurements 17.can interpret the results of percentile calculations 18.understand the measurement of Average Deviation 19.can interpret the results of the Average Deviation calculation 20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance calculations 22.understand Standard Number measurements and be able to interpret the results of Standard Number calculations 23.understand

the

J.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voiceexpression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of lavout

	measurement of Data Distribution Skewness 24.interpret the results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness				
Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand distribution skew measurements. Students understand distribution slope measurements. Data	 Students understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement can interpret the results of median calculations understand centered measurement can interpret the results of median calculations understand centralized measurement mode can interpret the results of mode calculations understand quartile measurements can interpret the results of quartile measurements can interpret the results of quartile calculations understand quartile measurements can interpret the results of quartile calculations understand quartile measurements can interpret the results of quartile calculations understand percentile measurements can interpret the results of decile calculations understand percentile measurements can interpret the results of decile calculations understand percentile measurements 	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

	I		of Average				
			Deviation				
			19.can interpret				
			the results of				
			Deviation				
			calculation				
			20.understand				
			measurement				
			of Standard				
			Deviation and				
			21.can interpret				
			the results of				
			Standard				
			Variance				
			calculations				
			22.understand				
			Number				
			measurements				
			and be able to				
			results of				
			Standard				
			Number				
			23.understand				
			the				
			measurement				
			Distribution				
			Skewness				
			24.interpret the				
			distribution				
			slope				
			calculations 25 understand				
			the				
			measurement				
			of Data				
			Spiralness				
			26.interpret the				
			calculation				
			Distribution				
			Spiralness				
	12	Studente	1 0 1	Critorio	Cmall		004
	12	understand the	1.Students	1.Activeness (quantity	Group		0%
		lecture material and process for 1	the lecture	of participating)	Discussion		
		semester. Students	material for 1	2.Organization of	(SGD) Contextual		
		basic concepts of	semester 2 Understand	3.Accuracy of	Instruction		
		statistics. Students understand	the basic	argument	(CI) 2 X 50		
		centralized	concepts of	4.Language Usage:	2 / 30		
		Students	Statistics 3.Measurement	6.Clarity			
		understand quartile measurements.	scale	7.Attitude and			
		Students	4.understand	intonation during			
		understand decile measurements.	mean centered	discussion/question			
		Students	measurement 5.can interpret	and answer (voice- expression, volume			
		percentile	the results of	and intonation)			
		measurements. Students	average	8.A. Contents			
		understand	6.understand	S.1. Accuracy of concept/material			
		measurements.	median	10.2. Accuracy of			
		Students understand	centered	supporting			
		standard deviation	7.can interpret	concept/material			
		measurements.	the results of	11.3. Completeness			
		Students understand	median	of material coverage			
		standard number	8.understand	discussing the			
		Students	centralized	material			
Į		understand data	measurement	13.5. Depth in			
		distribution skew	mode	elaborating the			
		distribution skew measurements.	mode 9.can interpret	elaborating the material			
		distribution skew measurements. Students understand	mode 9.can interpret the results of	elaborating the material 14.B. Writing			
		distribution skew measurements. Students understand distribution slope measurements	mode 9.can interpret the results of mode	elaborating the material 14.B. Writing 15.6. Correct use of			
		distribution skew measurements. Students understand distribution slope measurements. Data	mode 9.can interpret the results of mode calculations 10.understand	elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with			

1	I	quartile	the specified	I	1	1	1
		measurements	systematics				
		11.can interpret	17.8. Neatness of				
		the results of	layout				
		quartile					
		12.understand					
		quartile					
		measurements					
		13.can interpret					
		quartile					
		calculations					
		14.understand					
		decile					
		15 can interpret					
		the results of					
		decile					
		calculations					
		percentile					
		measurements					
		17.can interpret					
		the results of					
		calculations					
		18.understand					
		the					
		measurement					
		Deviation					
		19.can interpret					
		the results of					
		the Average					
		Deviation					
		20.understand					
		the					
		measurement					
		of Standard					
		Variance					
		21.can interpret					
		the results of					
		Standard					
		Variance					
		calculations					
		22.understand					
		Standard					
		number					
		and be able to					
		interpret the					
		results of					
		Standard					
		Number					
		23 understand					
		the					
		measurement					
		of Data					
		Skewness					
		24.interpret the					
		results of data					
		distribution					
		siope					
		25.understand					
		the					
		measurement					
		01 Data Distribution					
		Spiralness					
		26.interpret the					
		calculation					
		results of Data					
		Spiralness					
13	Students	1.Students	Criteria:	Small			0%
-	understand the	understand	1.Activeness (quantity	Group			
	and process for 1	the lecture	of participating)	Discussion			
	semester. Students	material for 1	2.Organization of	Contextual			
1		Semester	incus/arguments	I	1	1	l i

basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand data distribution skew measurements. Students understand distribution slope measurements. Data

2.Understand the basic concepts of Statistics 3.Measurement scale 4.understand mean centered measurement 5.can interpret the results of average calculations 6.understand median centered measurement 7.can interpret the results of median calculations 8.understand centralized measurement mode 9.can interpret the results of mode calculations 10.understand quartile measurements 11.can interpret the results of quartile calculations 12.understand quartile measurements 13.can interpret the results of quartile calculations 14.understand decile measurements 15.can interpret the results of decile calculations 16.understand percentile measurements 17.can interpret the results of percentile calculations 18.understand the measurement of Average Deviation 19.can interpret the results of the Average Deviation calculation 20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance calculations 22.understand Standard Number measurements and be able to interpret the results of Standard

Instruction 3.Accuracy of (CI) argument 2 X 50 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voiceexpression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout

14	Students	 Number calculations 23.understand the measurement of Data Distribution Skewness 24.interpret the results of data distribution slope calculations 25.understand the measurement of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 26.interpret the calculation results of Data Distribution Spiralness 1 Students 	Criteria:	Small		0%	
14	students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand average deviation average deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand distribution skew measurements. Students understand distribution slope measurements. Data	 Students understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement can interpret the results of median centered measurement can interpret the results of median centralized measurement ncalculations slaunderstand centralized measurement mode slaunderstand quartile measurement slaunderstand quartile measurements 11.can interpret the results of mode calculations 10.understand quartile measurements 11.can interpret the results of quartile measurements 13.can interpret the results of quartile measurements 13.can interpret the results of quartile measurements 15.can interpret the results of quartile measurements 15.can interpret the results of decile measurements 15.can interpret the results of decile measurements 15.can interpret the results of decile measurements 15.can interpret	 Criteria: 1. Activeness (quantity of participating) 2. Organization of ideas/arguments 3. Accuracy of argument 4. Language Usage: 5. Accuracy 6. Clarity 7. Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8. A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the specified systematics 17.8. Neatness of layout 	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%	

		the measurement of Average Deviation 19.can interpret the results of the Average Deviation calculation 20.understand the measurement of Standard Deviation and Variance 21.can interpret the results of Standard Deviation and Variance				
		22.understand Standard Number measurements and be able to interpret the				
		results of Standard Number calculations 23.understand the				
		measurement of Data Distribution Skewness 24.interpret the				
		results of data distribution slope calculations 25.understand the				
		measurement of Data Distribution Spiralness 26.interpret the calculation results of Data				
15	Students understand the lecture material and process for 1 semester. Students understand the basic concepts of statistics. Students understand centralized measurements. Students understand quartile measurements. Students understand decile measurements. Students understand percentile measurements. Students understand average deviation and variance measurements. Students understand standard deviation and variance measurements. Students understand standard number measurements. Students understand standard number measurements. Students understand standard number measurements. Students understand standard data distribution skew measurements. Students understand distribution slope measurements. Data	 Listibution Spindemess understand the lecture material for 1 semester Understand the basic concepts of Statistics Measurement scale understand mean centered measurement can interpret the results of average calculations understand median centered measurement can interpret the results of median calculations understand centralized measurement mode can interpret the results of median calculations understand centralized measurement mode can interpret the results of mode can interpret the results of mode 	Criteria: 1.Activeness (quantity of participating) 2.Organization of ideas/arguments 3.Accuracy of argument 4.Language Usage: 5.Accuracy 6.Clarity 7.Attitude and intonation during discussion/question and answer (voice- expression, volume and intonation) 8.A. Contents 9.1. Accuracy of concept/material 10.2. Accuracy of supporting examples for the concept/material 11.3. Completeness of material coverage 12.4. Confusion in discussing the material 13.5. Depth in elaborating the material 14.B. Writing 15.6. Correct use of language 16.7. Conformity with the concified	Small Group Discussion (SGD) Contextual Instruction (CI) 2 X 50		0%

1		quarme	ule specilieu		I		
		measurements	systematics				
		the results of	L7.8. Neatness of layout				
		quartile	layour				
		calculations					
		12.understand					
		measurements					
		13.can interpret					
		the results of					
		calculations					
		14.understand					
		decile					
		15.can interpret					
		the results of					
		decile					
		16.understand					
		percentile					
		measurements					
		the results of					
		percentile					
		calculations					
		the					
		measurement					
		of Average					
		Deviation					
		19.can interpret					
		the results of					
		Deviation					
		calculation					
		20.understand					
		measurement					
		of Standard					
		Variance					
		21.can interpret					
		the results of					
		Standard Deviation and					
		Variance					
		calculations					
		Standard					
		Number					
		measurements					
		interpret the					
		results of					
		Standard Number					
		calculations					
		23.understand					
		the measurement					
		of Data					
		Distribution					
		Skewness 24.interpret the					
		results of data					
		distribution					
		siope calculations					
		25.understand					
		the					
		measurement of Data					
		Distribution					
		Spiralness					
		∠o.interpret the calculation					
		results of Data					
		Distribution					
		Spirainess					
16							0%

0%

Notes

- 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.