

1. Course Identity

Course Name/Block	Inferential Statistics		
Faculty	Economics	Study Program	Accounting
Code	31203721	Credit Point	3
Group	Compulsory Subjects	Intake	Compulsory
Semester	3	Availability	Odd Semesters
Metode	In Class	Media	Blended
Subject Group/Block	Research Methodology	Prerequisite	Descriptive Statistics
Lecturer/Coordinator			

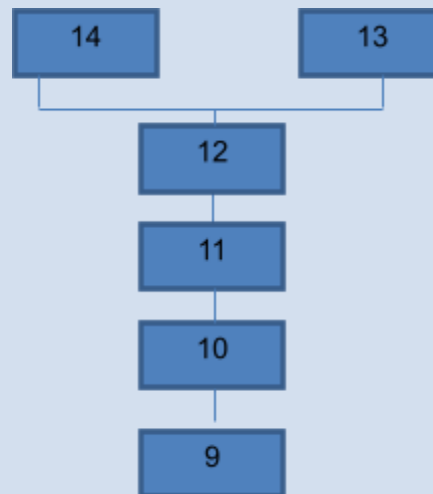
2. Learning Outcomes (LO)

Code CPL	Formulation of Graduates' Learning Outcome (LO)	Code of CLO	Formulation of Course Learning Outcome (CLO)	Indicator	Assessment	Weight
2.4	Being able to compile a scientific description of the results of the study above in the form of a thesis or final project report, and upload it on the college page	2.4.6	Able to understand the Decision Making Process in the perspective of economics	Students are able to use decision making statistics	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam /Final Exam	Test Based: Mid Semester Exam (30%), Final Exam (30%)
		2.4.8	Able to understand the concept of sampling distribution including its preparation method	Students are able to understand the types of samples and sampling techniques	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam/Final Exam	
		2.4.9	Understanding the Concept of Estimating Statistics includes testing the hypothesis of large samples and small samples	Students are able to arrange hypotheses appropriately, as well as testing them	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam/Final Exam	
		2.4.10	Able to describe the concept of regression which includes simple correlations, multiple correlations, functions in regression, treatment of qualitative variables and lag in regression	Students are able to understand regression and its use in relationships between variables	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam/Final Exam	
		2.4.11	Able to understand the Concepts and benefits of Chi-Square Testing	Students are able to calculate using chi-square	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam/Final Exam	Performance Based: Assessment (40%)

		2.4.12	Able to understand the concept of ranking data and be able to test ranking data	Students are able to explain and calculate funds berperingkat	1. The activeness of students in class discussions. 2. Assignment 3. Mid Semester Exam/Final Exam	
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3. Map of Learning Achievement Analysis

The following is a map of the topics taught in this course::



4. Learning Experience and Reference

Learning Experience	Students will be given lessons about the use of statistics in proving conjectures or hypotheses from various methods. In addition, students will also be given the knowledge of fig proving the influence between variables
References	1. Berenson, Mark L., David M. Levine, dan Timothy C. Krehbiel. 2013. Basic Business Statistics. Pearson (BLK)

5. Details of Learning Activities

Meeting	CLO/ Sub-CLO	Course Outline	Method/Learning Model	Implementat ion	References
1		Syllabus Explanation and Learning Contract	TM: The lecturer provides an explanation of the rules during	Classroom, 150 minutes	

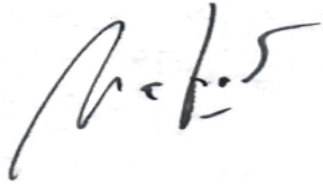
			lectures as well as teaching materials and references for one semester.		
2	2.4.8	Samples and sampling techniques	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 7
3	2.4.9	One sample testing <ul style="list-style-type: none"> • Statistical error type • Standard deviations are known • Standard deviation is unknown 	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 9
4	2.4.9	One sample testing <ul style="list-style-type: none"> • One-sided testing • Proportion 	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 9
5	2.4.9	Two-sided testing <ul style="list-style-type: none"> • Variants are assumed to be the same • Variants are assumed not to be the same 	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 10
6	2.4.9	Two-sided testing <ul style="list-style-type: none"> • Population related • Two proportions 	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 10
7	2.4.9	One-way ANOVA	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 11
8	2.4.9	Two-way ANOVA	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed</p>	Classroom, 150 minutes	BLK Ch 11
9	2.4.11	Chi square test	<p>TM: The lecturer explains the lecture material according to the topic.</p> <p>PT: Students are given practice questions according to the topics discussed.</p>	Classroom, 150 minutes	BLK Ch 12
10	2.4.11	Mc Nemar Test Wilcoxon Rank	<p>TM: The lecturer explains the lecture material according to the topic.</p>	Classroom, 150 minutes	BLK Ch 12

			PT: Students are given practice questions according to the topics discussed		
11	2.4.10	Simple Regression	TM: The lecturer explains the lecture material according to the topic. PT: Students are given practice questions according to the topics discussed	Ruang Kelas, 150 menit	BLK Ch 13
12	2.4.10	Multiple regression	TM: The lecturer explains the lecture material according to the topic. PT: Students are given practice questions according to the topics discussed	Classroom, 150 minutes	BLK Ch 14
13	2.4.10	Test for Normality, Autocorrelation, Multicollinearity, Coefficient of determination	TM: The lecturer explains the lecture material according to the topic. PT: Students are given practice questions according to the topics discussed	Classroom, 150 minutes	BLK Ch 14
14	2.4.10	Thesis data processing practices	TM: The lecturer explains the lecture material according to the topic. PT: Students are given practice questions according to the topics discussed	Classroom, 150 minutes	BLK Ch 13,14

6. Assessment and Evaluation System

Assessment System	The Benchmark for Assessment Reference of this course employs assessment criteria and weights in accordance with the Rector's Decree No. 5/PR/Rek/BPA/III/2014 Article 12:																															
	<table border="1"> <thead> <tr> <th>Total</th> <th>Grade</th> <th>Total</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>> 80,00</td> <td>A</td> <td>62,50 – 64,99</td> <td>C+</td> </tr> <tr> <td>77,50 – 79,99</td> <td>A-</td> <td>60,00 – 62,49</td> <td>C</td> </tr> <tr> <td>75,00 – 77,49</td> <td>A/B</td> <td>55,00 – 59,99</td> <td>C-</td> </tr> <tr> <td>72,50 – 74,99</td> <td>B+</td> <td>50,00 – 54,99</td> <td>C/D</td> </tr> <tr> <td>70,00 – 72,49</td> <td>B</td> <td>45,00 – 49,99</td> <td>D+</td> </tr> <tr> <td>67,50 – 69,99</td> <td>B-</td> <td>40,00 – 44,99</td> <td>D</td> </tr> <tr> <td>65,00 – 67,49</td> <td>B/C</td> <td>< 40</td> <td>E</td> </tr> </tbody> </table>	Total	Grade	Total	Grade	> 80,00	A	62,50 – 64,99	C+	77,50 – 79,99	A-	60,00 – 62,49	C	75,00 – 77,49	A/B	55,00 – 59,99	C-	72,50 – 74,99	B+	50,00 – 54,99	C/D	70,00 – 72,49	B	45,00 – 49,99	D+	67,50 – 69,99	B-	40,00 – 44,99	D	65,00 – 67,49	B/C	< 40
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Evaluation System	<ul style="list-style-type: none"> 75% of students who take this course have a minimum average total score of 70 (B), if the indicator has not been reached then an assignment / repair test will be conducted 																															



Date :	Date :	Date :
Validated by the Head of Study Program	Checked by Subject Group Coordinator	Prepared by Instructor:
		
Dr. Mahmudi, S.E., M.Si, Ak, CMA		