

MODULE HANDBOOK

Module name		Nonparametric Statistics																			
Module level, if applicable		2 nd year																			
Code, if applicable		SST-404																			
Semester(s) in which the module is taught		4 th (fourth)																			
Person responsible for the module		Dina Tri Utari, S.Si., M.Sc.																			
Lecturer		Prof. Akhmad Fauzy, M.Si., P.hD. Dina Tri Utari, S.Si., M.Sc.																			
Language		Bahasa Indonesia																			
Relation to curriculum		Compulsory course in the second year (4 th semester) Bachelor Degree																			
Types of teaching and learning	Class size	Attendance time (hours per week per semester)	Form of active participation	Workload (hours per semester)																	
Lecture	50-60	2.5	Discussion, Presentation	Face to face teaching	35																
				Structured activities	48																
				Independent study	48																
				Exam	5																
Total workload		136 hours																			
Credit points		3 CUs / 5.1 ECTS																			
Requirements according to the examination regulations		Minimum attendance at lectures is 75%. Final score is evaluated based on quiz, assignment, mid-term exam, and final exam.																			
Recommended prerequisites		Statistics Method II (SST-204)																			
Related course		Statistical Consulting (SST-603)																			
Module objectives/intended learning outcomes		After completing this course, the students have ability to: CO 1. explain the basic concepts of nonparametric statistics CO 2. apply nonparametric tests from case studies CO 3. apply the goodness of fit test, correlation test, and regression analysis from case studies																			
Content		The basic concept of nonparametric statistics Nonparametric test for one sample Nonparametric test for two or more dependent samples Nonparametric test for two or more independent samples Goodness of fit test Correlation test Regression analysis																			
Study and examination requirements and forms of examination		<p>The final mark will be weighted as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">No</th> <th style="text-align: center;">Assessment components</th> <th style="text-align: center;">Assessment Types</th> <th style="text-align: center;">Weight (percentage)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>CO 1</td> <td>Assignment, Midterm Exam</td> <td style="text-align: center;">20%</td> </tr> <tr> <td style="text-align: center;">2</td> <td>CO 2</td> <td>Assignment</td> <td style="text-align: center;">40%</td> </tr> <tr> <td style="text-align: center;">3</td> <td>CO 3</td> <td>Final Exam</td> <td style="text-align: center;">40%</td> </tr> </tbody> </table>				No	Assessment components	Assessment Types	Weight (percentage)	1	CO 1	Assignment, Midterm Exam	20%	2	CO 2	Assignment	40%	3	CO 3	Final Exam	40%
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1	CO 1	Assignment, Midterm Exam	20%																		
2	CO 2	Assignment	40%																		
3	CO 3	Final Exam	40%																		
Media employed		Google Classroom, relevant websites, slides (power points), video, interactive media, white-board, laptop, LCD projector																			
Reading list		<ol style="list-style-type: none"> 1. Conover, W. J., 1988, Practical Non Parametrik Statistics, John Wiley and Sons Inc., New York 2. Daniel, W. W., 1989, Statistik Non Parametrik Terapan (Terjemahan), Gramedia, Jakarta 3. Siegel, S., 1997, Statistik Nonparametrik untuk Ilmu-ilmu Sosial (Terjemahan), Gramedia, Jakarta 																			

	4. Mendenhall, W. and Sincich, T., 1984, Statistics for Engineering and Computer Sciences, Duxbury Press, New York
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Mapping CO, PLO, and ASIIN's SSC

ASIIN		PLO												
		E	N	T	H	U	S	I	A	S	T	I	C	
Knowledge	a									CO1				
	b													
	c									CO2 CO3				
	d													
Ability	e													
	f													
Competency	g													
	h									CO2 CO3				
	i													
	j													
	k									CO2 CO3				
	l													