MODULE HANDBOOK

Instance number Instance number Oddie [evel, if applicable SST-205 Semester(s) in which the module is taught 2 nd (second) Person responsible for the module Achmad Fauzan, S.Pd., M.Si. Language Bahasa Indonesia Relation to curriculum Compulsory course in the first year (2 nd semester) Bachelor Degree Types of teaching and learning Class size teaching and solving Face to face teaching 23.33 Total Workload 90.67 hours Face to face teaching 23.33 Total Workload 90.67 hours Face to face teaching 23.33 Credit points 2 CUs / 3.4 ECTS Structured activities 32 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 Related Course Introduction to Mathematical Statistics I (SST-302) After completing this course, the students have the ability to: CO1. describe random variables (discrete and continuous) and their distribution, and marginal distributions (Binomial, Multinomial, Hypergeometric, Poisson, Normal, Exponential) CO2 describe some properties of probability and conditional probability. Describe some properties of probability and conditional	Module name		Introduction to Pr	obability						
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	3 CO3	Assignment, Final Exam	25%					
	4 CO4	Assignment, Final Exam	20%					
	5 CO5	Assignment, Final Exam	10%					
Media employed	Google Classroom, relevant websites, slides (power points), video,							
Wedia employed	interactive media, white-board, laptop, LCD projector							
	1. Nugraha, Jaka, 2017, "Pengantar Distribusi dan Probabilitas,"							
	Penerbit UII							
	2. Bain, LJ and Engelhart, M., Introduction to Probability and							
	Mathematical Statistics, Duxbury Press, 1992							
Deading list	3. Ross, S., 1997, Introduction to Probability Models 6th ed,							
Reading list	Academic Press, San Diego							
	4. Hoffman-Jorgensen, J., 1994, Probability with a View Towards							
	Statistics, Chapman and Hall, New York 5. https://ocw.mit.edu/resources/res-6-012-introduction-to-							
	probability-spring-2018/							

Mapping CO, PLO, and ASIIN's SSC

ASIIN		PLO											
		Е	Ν	Т	Н	U	S	Ι	Α	S	Т	Ι	С
Knowledge	a							CO1					
	b												
	c												
	d							CO2					
Ability	e							CO3					
	f							CO4 CO5					
Competency	g							005					
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