

**MODULE HANDBOOK
FINAL PROJECT**



**BACHELOR DEGREE PROGRAM
DEPARTEMENT OF STATISTICS
FACULTY OF SCIENCE AND DATA ANALYTICS
INSTITUT TEKNOLOGI SEPULUH NOPEMBER**

ENDORSEMENT



MODULE HANDBOOK FINAL PROJECT DEPARTMENT OF STATISTICS INSTITUT TEKNOLOGI SEPULUH NOPEMBER

Proses Process	Penanggung Jawab Person in Charge			Tanggal Date
	Nama Name	Jabatan Position	Tandatangan Signature	
Perumus <i>Preparation</i>	Dr. Santi Wulan Purnami, M.Si	Dosen <i>Lecturer</i>		March 28, 2019
Pemeriksa dan Pengendalian <i>Review and Control</i>	Dr. Santi Wulan Purnami, M.Si	Tim kurikulum <i>Curriculum team</i>		April 15, 2019
Persetujuan <i>Approval</i>	Dr. Santi Wulan Purnami, M.Si	Koordinator RMK <i>Course Cluster Coordinator</i>		July 17, 2019
Penetapan <i>Determination</i>	Dr. Kartika Fithriasari, M.Si	Kepala Departemen <i>Head of Department</i>		July 30, 2019

MODULE HANDBOOK

FINAL PROJECT

Module name	FINAL PROJECT	
Module level	Undergraduate	
Code	KS184822	
Course (if applicable)	FINAL PROJECT	
Semester	Eighth Semester	
Person responsible for the module	Dr. Santi Wulan Purnami, M.Si	
Lecturer	Dr. Santi Wulan Purnami, M.Si	
Language	Bahasa Indonesia and English	
Relation to curriculum	Undergraduate degree program, mandatory , 8 th semester.	
Type of teaching, contact hours	Lectures, <50 students	
Workload	1. Research : 6x170 minutes = 1020 Minutes per week	
Credit points	6 credit points (sks)	
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.	
Mandatory prerequisites	At least 120 credits have been taken	
Learning outcomes	-	PLO-02 PLO-03 PLO-04 PLO-05 PLO-06 PLO-07 PLO-08 PLO-09

Content	<i>Thesis is a course that aim to enable students to solve problems in one of the 5 applied fields, namely business-industry, economy-finance, computing, socio-population and environmental-health. The final project begins with a proposal seminar presentation for about 1 hour, data collection, data entry and analysis as well as making a draft thesis report followed by validation and thesis examination.</i>
Study and examination requirements and forms of examination	<ul style="list-style-type: none"> • Research
Media employed	LCD, whiteboard, websites (myITS Classroom), zoom.
Reading list	<ol style="list-style-type: none"> 1. Departemen Statistika, 2018. Pedoman Tugas Akhir. 2. FMIPA-ITS, 1996. Pedoman Kerja Praktik dan Tugas Akhir.

Bahan Kajian <i>Study Materials</i>	
CPL yang dibebankan MK <i>PLO</i>	<p>CPL-2 Mampu merancang dan melaksanakan pengumpulan data dengan metodologi yang benar</p> <p>CPL-3 Mampu menganalisis data dengan metode statistika yang tepat dan menginterpretasikannya</p> <p>CPL-4 Mampu mengidentifikasi, memformulasi, dan menyelesaikan masalah statistika di berbagai bidang terapan</p> <p>CPL-5 Mampu menggunakan teknik komputasi dan perangkat komputer modern yang diperlukan dalam bidang statistika dan sains data</p> <p>CPL-6 Memiliki pengetahuan tentang isu terkini dan mendatang yang berkaitan dengan bidang statistika dan sains data</p> <p>CPL-7 Mampu berkomunikasi secara efektif dan bekerjasama dalam tim yang interdisiplin dan multidisiplin</p> <p>CPL-8 Memiliki tanggung jawab dan etika profesi</p> <p>CPL-9 Mampu memotivasi diri untuk berpikir kreatif dan belajar sepanjang hayat</p> <p><i>PLO-2 Able to design and carry out data collection using the correct methodology</i></p> <p><i>PLO-3 Able to analyze data with appropriate statistical methods and interpret</i></p> <p><i>PLO-4 Able to identify, formulate, and solve statistical problems in various applied fields</i></p> <p><i>PLO-5 Able to use computational techniques and modern computer equipment needed in the fields of statistics and data science</i></p> <p><i>PLO-6 Have knowledge of current and future issues related to statistics and data science</i></p> <p><i>PLO-7 Able to communicate effectively and work together in interdisciplinary teams and multidisciplinary teams.</i></p> <p><i>PLO-8 Have professional responsibility and ethics</i></p> <p><i>PLO-9 Able to motivate oneself to think creatively and learn throughout life</i></p>
CP-MK <i>CLO</i>	

Pertemuan <i>Meeting</i>	Kemampuan Akhir Sub CP-MK <i>Final Ability</i>	Keluasan (materi pembelajaran) <i>Extent (learning material)</i>	Metode Pembelajaran <i>Learning methods</i>	Estimasi Waktu <i>Duration</i>	Bentuk Evaluasi <i>Evaluation Type</i>	Kriteria dan Indikator Penilaian <i>Assessment Criteria and Indicators</i>	Bobot Penilaian <i>Scoring</i>
8	ETS						
16	EAS						