

**MODULE HANDBOOK
PRACTICAL WORK**



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

ENDORSEMENT PAGE



MODULE HANDBOOK PRACTICAL WORK 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

PRACTICAL WORK

Module name	PRACTICAL WORK	
Module level	Undergraduate	
Code	KS184721	
Course (if applicable)	PRACTICAL WORK	
Semester	Seventh Semester (Ganjil)	
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 , 7 th semester.	
Type of teaching, contact hours	Lectures, <50 students	
Workload	1. Research : 3 x 170 = 510 minutes per week	
Credit points	3 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	Has been taken at least 100 credits	
Learning outcomes and their corresponding PLOs	<ol style="list-style-type: none"> 1. <i>Able to communicate orally and in writing in Indonesian and English;</i> 2. <i>Able to manage and work in teams;</i> 3. <i>Able to have professional ethics;</i> 4. <i>Responsible for the results of independent and group work; and</i> 5. <i>Developing and maintaining networks inside and outside the institution.</i> 	PLO-02 PLO-03 PLO-04 PLO-05 PLO-06 PLO-07 PLO-08 PLO-09

Content	<i>Work Practice is courses aimed at students being able to learn to work and be able to apply statistical methods in the world of work. The learning strategy used is direct practice in a private or government institution for 1 month at least 20 effective working days (@ 7 hours per day) and reporting for 2 months (@ 3.5 hours per day). Each student is guided by a supervisor in the department and agency. The assessment is based on practical work reports.</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	1. Working Guidelines Practice and Final Project Statistics- ITS

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 with 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 modern computational techniques and computer equipment needed in 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 lifelong.</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/MID TERM EXAMINATION						

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>
16	EAS/ FINAL EXAMINATION						

PUSTAKA/REFERENCES :