



**INSTITUT TEKNOLOGI SEPULUH NOPEMBER
FACULTY OF SCIENCE AND DATA ANALYTICS
DEPARTMENT OF STATISTICS
STATISTICS UNDERGRADUATE PROGRAM**

Course	Course Name	:	Practical Work
	Course Code	:	SS234758
	Credit	:	2 SKS
	Semester	:	VII

COURSE DESCRIPTION

Practical Work 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.

PROGRAM LEARNING OUTCOME

- PLO-1 Able to demonstrate attitudes and character that reflect: devotion to God Almighty, ethics and integrity, noble character, sensitivity and care for social and environmental problems, respecting cultural differences and pluralism, upholding law enforcement prioritizing the interests of the nation and wider community, through creativity and innovation, excellence, strong leadership, synergy, and other potential to achieve maximum results.
- PLO-2 Able to study and utilize science and technology in order to apply it to the field of Statistics, as well as being able to make appropriate decisions from the results of one's own work or group work in the form of final assignment reports or other forms of learning activities whose output is equivalent to the Final Assignment through logical, critical thinking, systematic and innovative.
- PLO-3 Able to manage one's own learning, and develop oneself as a lifelong learner to compete at national and international levels, in order to make a real contribution to solving problems by implementing information and communication technology and paying attention to the principles of sustainability and understanding technology-based entrepreneurship
- PLO-5 Able to apply statistical theory to statistical methods
- PLO-6 Able to design, collect and manage data with the right methodology
- PLO-7 Able to use modern computing devices to solve statistical problems
- PLO-9 Able to apply statistical methods to analyze theoretical and real problems
- PLO-10 Able to apply business, industrial, economic, social, health or environmental statistical methods to real problems

COURSE LEARNING OUTCOME

- Able to communicate verbally and in writing in Indonesian and English;
- Able to manage and work in a team;
- Able to have professional ethics;
- Responsible for the results of independent and group work; And

Develop and maintain work networks inside and outside the institution.

MAIN SUBJECT

1. Preparation of practical work proposals;
2. Implementation of practical work in the field;
3. Resolving problems encountered in the practical workplace; And
4. Preparation of practical work reports.

PREREQUISITE

Regression Analysis, Categorical Data Analysis

REFERENCES

1. Working Guidelines Practice and Final Project Statistics- ITS