Department of Mathematics Institut Teknologi Sepuluh Nopember

email: matematika@its.ac.id - web: https://www.its.ac.id/matematika

Course	Course Name	: Topics in Modeling, System, and Simulation
	Course Code	: KM184819
	Credit	: 2
	Semester	: 8

Description of Course

This course examines new topics of modeling, optimization and other applied. Paper / paper studies on the topic are presented in the form of discussions and presentations. It is hoped that the topics of the final project will arise.

Learning Outcome

PLO	[C2] Students are able to identify and explain foundations of		
1	mathematics that include pure, applied, and the basic of computing		
PLO	[C3] Students are able to solve simple and practical problems by		
2	applying basic mathematical statements, methods and computations		
PLO 3	[C4] Students are able to analyze simple and practical problems in at		
	least one field of analysis, algebra, modeling, system optimizations		
	and computing sciences		
PLO 4	[C5] Students are able to work on a simple and clearly defined		
	scientific task and explain the results, both written and verbally either		
	on the area of pure mathematics or applied mathematics or computing		
	sciences		
PLO	[C3] Students are able to make use of the principles of long life		
5	learning to improve knowledge and current issues on mathematics		

Course Learning Outcome

- 1. Students are able to study new topics about analysis and algebra
- 2. Students are able to understand and relay material from paper / related papers in the form of presentation

Main Subject

Materials on new topics of analysis and algebra, paper / analysis and algebra papers on related topics.

Prerequisites

Reference

1. Books and papers for related topics

Supporting Reference