Department of Mathematics
Institut Teknologi Sepuluh Nopember
email : matematika@its.ac.id – web : https://www.its.ac.id/matematika

Course	**Course Name**	**: Topics in Algebra**
	Course Code	**: KM184813**
	Credit	**: 2**
	Semester	**: 8**

Description of Course	
In this course will be given new insights to students about the material / topics that are developing and in accordance with current needs. In this lecture we studied new topics about algebra, both in terms of theoretical and applied. The paper / paper review of the topic is presented in the form of discussions and presentations. It is expected to appear topics of the final project.	
Learning Outcome	
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
Course Learning Outcome	
1. Students are able to study new topics about algebra, both theoretical and the application 2. Students are able to understand and relay material from paper / related papers in the form of presentation	
Main Subject	
Material on new topics in algebra and its applied, algebra paper / papers on related topics.	

Prerequisites
Reference
1. Lidl, R. dan Pilz, G, “Applied Abstract Algebra (Undergraduate Texts in Mathematics) 2nd edition”, 1997 2. Books and papers for related topics
Supporting Reference