MODULE HANDBOOK
Topics of Applied Analysis

MASTER DEGREE PROGRAM
DEPARTMENT OF MATHEMATICS
FACULTY OF SCIENCE AND DATA ANALYTICS
INSTITUT TEKNOLOGI SEPULUH NOPEMBER

MODULE HANDBOOK

Topics of Applied Analysis

Module name	**Topics of Applied Analysis**
Module level	Postgraduate
Code	KM185384
Course (if applicable)	**Topics of Applied Algebra**
Semester	Fall
Person responsible for the module	Dr. Dieky Adzkiya, S.Si, M.Si
Lecturer	Dr. Dieky Adzkiya, S.Si, M.Si
Language	Bahasa Indonesia and English
Relation to curriculum	Master degree program, **Elective**, 3rd semester.
Type of teaching, contact hours	Lectures, <60 students
Workload	1. Lectures: 2 x 50 = 100 minutes per week. 2. Exercises and Assignments: 2 x 60 = 120 minutes (3 hours) per week. 3. Private learning: 2 x 60 = 120 minutes (3 hours) per week.
Credit points	2 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	-
Learning outcomes and their	Course Learning Outcome (CLO) after completing this module, 1. Students are able to assess the new topics of analysis, algebra and its application

corresponding PLOs	2. Students are able to assess the paper / paper relating on the topic 3. Students are able to present a role in the form of presentations and writing
Content	On this subject, topic-topic presented the latest in the field of analysis, algebra and its application study of paper and related paper presented the topic for the next student in the form of presentation. From this study are expected to emerge thesis topics. Subject: - The items you just about the analysis and its application - Recent Developments Analysis
Study and examination requirements and forms of examination	● In-class exercises ● Assignment 1, 2, 3 ● Mid-term examination ● Final examination
Media employed	LCD, whiteboard, websites (myITS Classroom), zoom.
Reading list	Text books and related Paper