

MODULE HANDBOOK

Module Name	Teks Mining / Text Mining	
Module level, if applicable	Undergraduate	
Code, if applicable	02143252019	
Subtitle, if applicable	-	
Courses, if applicable	-	
Semester(s) in which the module is taught	6	
Person responsible for the module	-	
Lecturer		
Language	Indonesian and English	
Relation to curriculum	Undergraduate degree program, elective course in 6th semester	
Type of teaching, contact hours	Undergraduate degree program, < 40 students	
Workload	Lectures: 2 x 50 = 100 minutes (1 hours 40 minutes) per week Private study: 2 x 60 = 120 minutes (2 hours) per week	
Credit points	2 SKS	
Requirements according to the examination regulations	A student must have attended at least 75% of the lectures to sit in the exams	
Recommended Prerequisites	Structured Programming	
Module objectives/intended learning outcomes	After completing this module, a student is expected to:	
	No	Course Learning Outcome
		PLO
	1	Students are able to understand the theory of text mining.
	2	After going through theoretical studies, students are able to describe how to process large data text. (preprocessing - processing - post processing)
	3	Able to design and implement simple text classification (Study case : Email spam)
	4	Able to implement text from any social media or the other internet information to create sentiment analysis
Content	In this course, we learn how to treat or process complex or large amounts of text data. Students	
Study and examination	Forms of examination:	

requirements and forms of Examination	No	Course Learning Outcome	Assessment method
	1	Students are able to understand the theory of text mining.	Quiz (10%)
	2	After going through theoretical studies, students are able to describe how to process large data text. (preprocessing - processing - post processing)	Report (30%)
	3	Able to design and implement simple text classification (Study case : Email spam)	Project (30%)
	4	After going through the design, students are able to create an image recognition application system that fits the theory of computer vision.	Project (30%)
Media employed	LCD, Whiteboard, PowerPoint Slide Presentation, Practical Guidance Video, websites, etc.		
Reading list	L. Jockers, 2014. Text Analysis with R for Students of Literature		