

MODULE HANDBOOK

Module Name	Computer Network Administration		
Module level, if applicable	Undergraduate		
Code, if applicable	02143242014		
Subtitle, if applicable	-		
Courses, if applicable	-		
Semester(s) in which the module is taught	2		
Person responsible for the module	Puspanda Hatta, S.Kom.,M.Eng.		
Lecturer	Puspanda Hatta, S.Kom.,M.Eng.		
Language	Indonesian and English		
Relation to curriculum	Undergraduate degree program, compulsory course in 2nd semester		
Type of teaching, contact hours	Undergraduate degree program, < 40 students		
Workload	Lectures: 2 x 50 = 100 minutes (1 hours 40 minutes) per week Exercise and Assignments: 2 x 60 = 120 minutes (2 hours) 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			
Module objectives/intended learning outcomes	After completing this module, a student is expected to:		
	No	Course Learning Outcome	PLO
	1	Students are able to apply the management of computer network infrastructure after studying the network operating system according to the TCP/IP concept	PLO-11
	2	Students are able to apply the management of computer network services after studying server administration according to the TCP/IP concept	PLO-11
Content	This course studies the management of computer networks using network operating systems. After attending this course, students are expected to understand the tasks of the Network Operation Center (NOC) and be able to manage computer networks using the network operating system and the network services in it which are beneficial for the End-User. • Network operating system • Server Administration		

Study and examination requirements and forms of Examination	Forms of examination:	
	No	Course Learning Outcome
	1	Students are able to apply the management of computer network infrastructure after studying the network operating system according to the TCP/IP concept
	2	Students are able to apply the management of computer network services after studying server administration according to the TCP/IP concept
Media employed	LCD, Whiteboard, Power Point Slide Presentation, Practical Guidance Video, websites, etc.	
Reading list	1. <i>Mikrotik Kungfu (Panduan Router Mikrotik Lengkap & Jelas) Kitab 2., By Towidjojo, R, 2013</i> 2. <i>Linux System Administration, By Cobbaut, P, 2007</i> 3. <i>Ubuntu Server Administration (Network professional's library)., By Jang, M. H., 2009</i> 4. <i>Cisco Certified Network Associate Study Guide., By Todd Lammle., 2007</i> 5. <i>CCNA Lab Guide Nixtrain_1st Edition., By Agus Setiawan., 2015</i>	