



**UNIVERSITAS MATARAM**  
*(University of Mataram)*  
**FAKULTAS TEKNIK**  
*(Faculty of Engineering)*  
**PROGRAM STUDI TEKNIK INFORMATIKA**  
*(Department of Informatics Engineering)*

**MODULE HANDBOOK DESCRIPTION**

Internet Programming (K22B71)

Module designation	<i>Internet Programming</i>
Semester(s) in which the module is taught	<i>7 / fourth year</i>
Person responsible for the module	<i>Ariyan Zubaidi, S.Kom., M.T.</i>
Language	<i>Indonesian</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lectures, Discussions, Hand-on Lab, Project</i>
Workload (incl. contact hours, self-study hours)	Contact Hours every week, each week of the 16 weeks/semester including Evaluation <ul style="list-style-type: none"> <li>● 3 x 50 minutes lecturer/week</li> <li>● 3 x 60 minutes class exercise/week</li> <li>● Self Study hours = 120 minutes/week</li> </ul> Total workload 450 minutes/week
Credit points	<i>3 (~ 4,8 ECTS)</i>
Required and recommended prerequisites for joining the module	Distributed System
Module objectives/intended learning outcomes	In this course, students are expected to be able to: <ol style="list-style-type: none"> <li>1. understand basic concept of network programming</li> <li>2. develop network aware application using Java.</li> </ol>

Content	This course covers topics such as basic concept of network programming, Input/Output in Java, Multithreading, and Socket Programming.
Examination forms	<i>Assignments, Post Test, Project, Scheduled Exam</i>
Study and examination requirements	<i>Assignments 20%, Project 30 %, Post Test 15 %, Scheduled Exam 35%</i>
Reading list	<ol style="list-style-type: none"><li>1. Eliote Rusty Harold, Java Network Programming, 4th Edition, 2013. O'Reilly.</li><li>2. Jan Graba, An Introduction to Network Programming with Java, 3th Edition, 2013. Springer.</li></ol>