

## **UNIVERSITAS MATARAM**

(University of Mataram)

## **FAKULTAS TEKNIK**

(Faculty of Engineering)

## PROGRAM STUDI TEKNIK INFORMATIKA

(Department of Informatics Engineering)

## **MODULE HANDBOOK DESCRIPTION**

Final Project I (W22B71)

Module designation	Final Project I			
Semester(s) in which the module is taught	7 / fourth year			
Person responsible for the module	Selected Lectures			
Language	Indonesian/English			
Relation to curriculum	Compulsory			
Teaching methods	lectures, small group discussion, case base method, presentation			
contact hours, self-study hours)	Contact in minutes, each week of the 16 weeks/semester including final assessment:  • Lectures: 60 minutes/week • Consultation with supervisor: 600 minutes/week • Self-study: 450 minutes/week. • Final Exam: 90 minutes  Average study hours = 260,50 hours/semester			
Credit points	2 (~ 10,42 ECTS)			

Required and recommended prerequisites for joining the module	Student have passed 120 credits on BIE module courses			
Module objectives/ intended learning outcomes	<ol> <li>In this course, students are expected to be able to:         <ol> <li>Students are able to analyse and apply the knowledge obtained during the previous study.</li> <li>Students are able to communicate their research proposals</li> <li>Students are able to work individually and teamwork to define a research problem and determine the solution methods.</li> </ol> </li> </ol>			
Content	<ol> <li>Research basic concepts</li> <li>Qualitative and quantitative research methods</li> <li>Introduction part in a research proposal</li> <li>Literature review</li> <li>Theoretical framework</li> <li>Research hypothesis</li> <li>Measurement scale</li> <li>Research instruments</li> <li>Data collection technique</li> </ol>			
Examination forms	- Oral presentation			
Study and examination requirements	The final grade in the module is composed of:  a. Assignment assessment Research Proposal: 60%  b. Oral presentation assessment: 40%  Students must have a final grade of 65% or higher to pass			
Reading list	<ol> <li>Final Project Guidelines for Informatics Engineering,</li> <li>Academic Guidelines for the Faculty of Engineering</li> <li>Sugiyono, 2009. Metode Penelitian Kuantitatif Kualitatif dan R &amp; D. Cetakan ke 6 ALFABETA Bandung</li> <li>Sugiyono,2001. Statistika untuk Penelitian. Bandung: Alfabeta.</li> <li>Burhan Bungin, 2005. Metodologi Penelitian Kuantitatif, Kencana Prenada Media Group.</li> <li>Sastrapratedja, M., 2004. Landasan Moral Etika Penelitian. Warta Penelitian Universitas Gadjah Mada (Edisi Khusus), 50-59.</li> </ol>			