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

MODULE HANDBOOK DESCRIPTION

SOFTWARE DEVELOPMENT PROJECT (K22U71)

Module designation	Software Development Project
Semester(s) in which the module is taught	*7 / fourth year*
Person responsible for the module	*Royana Afwani, S.T., M.T./Noor Alamsyah, S.T., M.T*
Language	*Indonesian*
Relation to curriculum	*Compulsory*
Teaching methods	*Lectures, Discussions, Project*
Workload (incl. contact hours, self-study hours)	Contact Hours every week, each week of the 16 weeks/semester including Evaluation ● 2 x 50 minutes lecturer/week ● 2 x 60 minutes class exercise/week ● Self Study hours = 120 minutes/week Total workload 480 minutes/week
Credit points	*2 (~ 3,17 ECTS)*
Required and recommended prerequisites for joining the module	-

Module objectives/intended learning outcomes	This course provides an understanding of the concepts used, activities, and processes in software development. Starting from the latest methods in software development, then choosing the right one to use in a case study of software development. Then also described methods for software testing, as well as project management with WBS and available project management tools.
Content	Through a series of activities to deliver learning materials, discussions, as well as group or independent assignments students are expected to be able to understand and implement the concepts used in activities and processes in making software adapted to the latest methods in software development.
Examination forms	*Assignments, Quiz, Project (Paper & Oral Presentation)*
Study and examination requirements	*Quiz/Assignment 20%,* *Mid-Test 25%,* *Project 55%*
Reading list	1) Software Engineering - Rekayasa Perangkat Lunak - Ian Sommerville. 2)https://www.pmi.org/pmbok-guidestandards/foundational/PMBOK 3)https://docs.oracle.com/cd/F51303_01/English/User_Guides/p6_pro_user/index.htm