MATARAM UNIVERSITY

(University of Mataram)

FACULTY OF ENGINEERING

(Faculty of Engineering)

INFORMATION ENGINEERING STUDY PROGRAM

(Department of Informatics Engineering)

MODULE HANDBOOK DESCRIPTION

Web Programming (D18KB213)

Module design	Web Programming
Semester(s) in which the module is taught	*4 / second year*
Person responsible for the module	*Royana Afwani , ST, MT*
Language	*English*
Relations to curriculum	*Compulsory*
Teaching methods	*Lectures, Discussions, Quiz, Project*
Workload (incl. contact hours, self-study hours)	Contact Hours every week, each week of the 16 weeks/semester including Evaluation ● 3 x 50 minutes lecturer/week ● 3 x 60 minutes class exercise/week ● Self Study hours = 120 minutes/week Total workload 450 minutes/week
Credit points	*3 (~4.8 ECTS)*
Required and recommended prerequisites for joining the module	Interaction Humans and Computers

Module objectives/intended learning outcomes	Web Programming course is to provide mastery of the basic principles Web Programming in the form of HTML, CSS, and Javascript tags in making a website as well have feature dynamic with language PHP server programming . Based on these main objectives, the Web programming courses have subject learning outcomes, namely: 1. Able to understand principle work web page as well install and setting environment for web development such as a web server. 2. Able to build client - side web page with Hypertext Markup Language, Cascade Style Sheet, and Javascript . 3. Able to build web page on server side with PHP programming : Hypertext Preprocessor . 4. Able To do database installation and create the connection with web page later also equipped with session feature for user authentication .
Content	This course provides students with knowledge, design, and analysis about Introduction Web Technology , Web Server with Apache, Hypertext Markup Language (HTML), Cascade Style Sheet (CSS), Javascript , PHP Hypertext Preprocessor , PHP and MySQL Connections , and Session.
Examination forms	*Assignments , Quiz, Mid Exam, Project (Oral Presentation)*
Study and examination requirements	*Assignments 10%,* *25% Quiz,* *Mid-Exam 25%* *Projects 40%*
Reading list	1. www.w3school.com 2. www.tutorialspoint.com 3. Kadir Abdul, Programming PHP