



# UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
DEPARTMENT OF MATHEMATICS EDUCATION

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## Bachelor of Education in Mathematics

## MODULE HANDBOOK

Module name:	Web Design Programming
Module level, if applicable:	Undergraduate
Code:	MAT6361
Sub-heading, if applicable:	-
Classes, if applicable:	-
Semester:	6 <sup>th</sup>
Module coordinator:	Nur Hadi W, M.Eng
Lecturer(s):	Nur Hadi W, M.Eng
Language:	Bahasa Indonesia
Classification within the curriculum:	Elective course
Teaching format / class hours per week during the semester:	150 minutes lectures and 180 minutes structured activities per week.
Workload:	Total workload is 136 hours per semester which consists of 150 minutes lectures, 180 minutes structured activities, and 180 minutes self study per week for 16 weeks.
Credit points:	3
Prerequisites course(s):	Information and Communication Technology (MAT6204)
Course outcomes:	After taking this course the students have ability to: CO1. Demonstrate collaborative attitude and independence in carrying out individual and group assignments CO2. Explore a web page CO3. Explain aspects of web design CO4. Design a website CO5. Create a website for educational institution or for learning

Content:	This course is to lay the foundation for developing web applications with static and dynamic content documents by combining HTML, CSS, JavaScript, PHP-My SQL and using CMS to build enterprise web pages.																									
Study / exam achievements:	<p>Attitude assessment is carried out at each meeting by observation and / or self-assessment techniques using the assumption that basically every student has a good attitude. The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude.</p> <p>The final mark will be weight as follow:</p> <table border="1"> <thead> <tr> <th>No</th> <th>CO</th> <th>Assessment Object</th> <th>Assessment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>CO 2</td> <td>Presentation</td> <td>Observation</td> <td>10%</td> </tr> <tr> <td>2</td> <td>CO 3, CO 4</td> <td>a. Individual assignment b. Group assignment c. Mid test</td> <td>Written</td> <td>15% 25%</td> </tr> <tr> <td>3</td> <td>CO 5</td> <td>Presentation and final web project</td> <td>Observation</td> <td>40%</td> </tr> <tr> <td colspan="4">Total</td> <td>100%</td> </tr> </tbody> </table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO 2	Presentation	Observation	10%	2	CO 3, CO 4	a. Individual assignment b. Group assignment c. Mid test	Written	15% 25%	3	CO 5	Presentation and final web project	Observation	40%	Total				100%
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Total				100%																						
Forms of media:	Board, LCD Projector, Laptop/Computer																									
Literature:	<ol style="list-style-type: none"> <li>1. Kuswari Hernawati. 2015. Pemrograman Desain Web. Hand Book.</li> <li>2. Robins, Jennifer Nieders. 2012. Learning Web Design Fourth Edition. Canada : O'Reilly Media, Inc.</li> <li>3. Nixon, Robins. 2015. Learning PHP, MySQL &amp; JavaScript. USA: O'Reilly Media, Inc</li> </ol>																									

### PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO 10	PLO 11	PLO 12
CO1		√										
CO2				√								
CO3								√				
CO4								√				
CO5										√		