

MODULE HANDBOOK

Module Name	Pemrograman Web																			
Module level, if applicable	Undergraduate																			
Code, if applicable	02143142029																			
Subtitle, if applicable	-																			
Courses, if applicable	-																			
Semester(s) in which the module is taught	3																			
Person responsible for the module	Nurchaya Pradana Taufik Prakisyta, S.Kom., M.Cs.																			
Lecturer	Nurchaya Pradana Taufik Prakisyta, S.Kom., M.Cs.																			
Language	Indonesian and English																			
Relation to curriculum	Undergraduate degree program, compulsory course in 3th semester																			
Type of teaching, contact hours	Undergraduate degree program, < 40 students																			
Workload	Lectures: 2 x 50 = 100 minutes (1 hours 40 minutes) per week Exercise and Assignments: 2 x 60 = 120 minutes (2 hours) per week Private study: 2 x 60 = 120 minutes (2 hours) per week																			
Credit points	2 SKS																			
Requirements according to the examination regulations	A student must have attended at least 75% of the lectures to sit in the exams																			
Recommended Prerequisites	Web Design																			
Module objectives/intended learning outcomes	<p>After completing this module, a student is expected to:</p> <table border="1"> <thead> <tr> <th>No</th> <th>Course Learning Outcome</th> <th>PLO</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Able to write PHP language syntax according to W3C standards</td> <td>PLO-11</td> </tr> <tr> <td>2</td> <td>Able to make web based application connection with database</td> <td>PLO-11</td> </tr> <tr> <td>3</td> <td>Able to implement CRUD and REST operations</td> <td>PLO-11</td> </tr> <tr> <td>4</td> <td>Able to apply PHP libraries</td> <td>PLO-11</td> </tr> <tr> <td>5</td> <td>Able to create web based application using PHP</td> <td>PLO-11</td> </tr> </tbody> </table>		No	Course Learning Outcome	PLO	1	Able to write PHP language syntax according to W3C standards	PLO-11	2	Able to make web based application connection with database	PLO-11	3	Able to implement CRUD and REST operations	PLO-11	4	Able to apply PHP libraries	PLO-11	5	Able to create web based application using PHP	PLO-11
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Content	<p>This course provides knowledge to students about creating a simple website that includes masters, transactions. The relationship between PHP Programming, HTML, Database and their implementation in making a simple web-based system.</p> <ul style="list-style-type: none"> ● PHP Introduction & PHP Tags ● PHP and database connection ● CRUD Konsep concept ● HTTP Method REST ● Basic PHP Framework 																		
Study and examination requirements and forms of Examination	<p>Forms of examination:</p> <table border="1" data-bbox="488 569 1341 940"> <thead> <tr> <th>No</th> <th>Course Learning Outcome</th> <th>Form of Exam</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Able to write PHP language syntax according to W3C standards</td> <td>Essay Test (15%)</td> </tr> <tr> <td>2</td> <td>Able to make web based application connection with database</td> <td>Essay Test (15%)</td> </tr> <tr> <td>3</td> <td>Able to implement CRUD and REST operations</td> <td>Essay Test (15%)</td> </tr> <tr> <td>4</td> <td>Able to apply PHP libraries</td> <td>Essay Test (15%)</td> </tr> <tr> <td>5</td> <td>Able to create web based application using PHP</td> <td>Essay Test (40%)</td> </tr> </tbody> </table>	No	Course Learning Outcome	Form of Exam	1	Able to write PHP language syntax according to W3C standards	Essay Test (15%)	2	Able to make web based application connection with database	Essay Test (15%)	3	Able to implement CRUD and REST operations	Essay Test (15%)	4	Able to apply PHP libraries	Essay Test (15%)	5	Able to create web based application using PHP	Essay Test (40%)
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Media employed	LCD, Whiteboard, Power Point Slide Presentation, Practical Guidance Video, websites, etc.																		
Reading list	<ol style="list-style-type: none"> 1. Yohanes Setiawan, 2011. Design dan Pemrograman Web 1, STMIK Atma Luhur : Bangka Belitung. 2. Achmad Solichin, achmatim@bl.ac.id, Design dan Pemrograman Web 1 (PG110), Universitas Budi Luhur: Jakarta 3. Adhi Prasetyo, 2012. Buku Pintar Pemrograman Web. Jakarta :Mediakita. 4. Macoms. 2012. Aplikasi Pemrograman Javascript untuk Halaman Web. Yogyakarta : CV. ANDI. 5. Kadir, Abdul, 2015. Pemrograman Web Mencakup HTML, CSS, JAVASCRIPT, & PHP, Andi Offset Yogyakarta. 6. Winanrno, E, Zaki, A & SmitDev Community, 2014, Pemrograman web berbasis HTML5, PHP & Javascript, PT Elex Media Komputindo, Jakarta 7. Raharjo, B, Heryanto, I, dan K. Rosdiana, E, 2014. Modul Pemrograman Web HTML, PHP & MYSQL revisi kedua, Modula, Bandung 																		