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| Module designation | <i>Web Design Programming</i> |
| Semester(s) in which the module is taught | 5 |
| Person responsible for the module | <i>Dr. Kuswari Hernawati S.Si., M.Kom.</i> |
| Language | <i>Bahasa Indonesia</i> |
| Relation to curriculum | <i>Elective course</i> |
| Teaching methods | <i>150 minutes lectures and 180 minutes structured activities per week.</i> |
| Workload (incl. contact hours, self-study hours) | <i>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.</i> |
| Credit points | 3 |
| Required and recommended prerequisites for joining the module | <i>MAT6307 - Algorithm and Programming</i> |
| Module objectives/intended learning outcomes | <p><i>Students know that/know how to/are able to</i></p> <p><i>CO1 Demonstrate a collaborative attitude and independence in carrying out individual and group tasks</i></p> <p><i>CO2 Recognize and understand Web technology and its supporting elements, including: computer networks, the Internet, the World Wide Web (WWW), and HTML</i></p> <p><i>CO3 Understand and master the structure of HTML files</i></p> <p><i>CO4 Master the elements and aspects of web page design</i></p> <p><i>CO5 Analyzing the design of a website and the algorithm for presenting information</i></p> <p><i>CO6 Designing a website with good design and algorithm flow</i></p> <p><i>CO7 Implementing WEB designs with specific programming languages, both on the client side and server side</i></p> <p><i>CO8 Developing a website by utilizing supporting utilities to enrich its content.</i></p> |
| Content | <i>The Web Design Programming course is a course that lays the foundation for web application development with static and dynamic content documents by combining HTML, CSS, JavaScript, PHP-MySQL, and using CMS to build enterprise web pages.</i> |
| Examination forms | <i>CO1: 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.</i> |

| Study and examination requirements | <p>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><tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr><tr><td>1</td><td>CO 1</td><td>a. Presentation b. Discussion</td><td>Observation</td><td>5% 10%</td></tr><tr><td>2</td><td>CO 2, CO 3, CO 4</td><td>a. Individual assignment b. Group assignment c. Quiz d. Midterm e. Final test</td><td>Written</td><td>10% 10% 20% 20% 25%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table> | No | CO | Assessment Object | Assessment Technique | Weight | 1 | CO 1 | a. Presentation b. Discussion | Observation | 5% 10% | 2 | CO 2, CO 3, CO 4 | a. Individual assignment b. Group assignment c. Quiz d. Midterm e. Final test | Written | 10% 10% 20% 20% 25% | Total | | | | 100% |
|------------------------------------|---|---|----------------------|---------------------------------|----------------------|--------|---|------|----------------------------------|-------------|-----------|---|------------------|---|---------|---------------------------------|-------|--|--|--|------|
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| 1 | CO 1 | a. Presentation b. Discussion | Observation | 5% 10% | | | | | | | | | | | | | | | | | |
| 2 | CO 2, CO 3, CO 4 | a. Individual assignment b. Group assignment c. Quiz d. Midterm e. Final test | Written | 10% 10% 20% 20% 25% | | | | | | | | | | | | | | | | | |
| Total | | | | 100% | | | | | | | | | | | | | | | | | |
| Reading list | <p>1. Kuswari Hernawati. 2015. <i>Pemrograman Desain Web. Hand Book.</i></p> <p>2. Robins, Jennifer Nieders. 2012. <i>Learning Web Design Fourth Edition.</i> Canada : O'Reilly Media, Inc.</p> <p>3. Nixon, Robins. 2015. <i>Learning PHP, MySQL & JavaScript.</i> USA: O'Reilly Media, Inc.</p> <p>4. Andayani, dkk. 2024. <i>Pelatihan Pengembangan Video Pembelajaran dan Kuis Interaktif Berbantuan Software LUMI</i></p> | | | | | | | | | | | | | | | | | | | | |