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MODULE HANDBOOK

Module name	**Scientific Writing and Ethics**
Module level, if applicable	Bachelor
Code, if applicable	MII21-1003
Courses, if applicable	Scientific Writing and Ethics
Semester(s) in which the module is taught	Fall (Odd)
Person responsible for the module	Dr. Suprapto, M.I.Kom.
Lecturer(s)	Dr. Suprapto, M.I.Kom.
Language	Bahasa Indonesia and English
Relation to curriculum	Bachelor degree, compulsory, 1st semester.
Teaching methods	100 minutes of lectures and 120 minutes of structured activities per week.
Workload (incl. contact hours, self-study hours)	1. Lectures: 2 x 50 = 100 minutes (1.3 hours) per week. 2. Exercises and Assignments: 2 x 60 = 120 minutes (2 hours) per week. 3. Private study: 2 x 60 = 120 minutes (2 hours) per week.
Credit points	2 credit points
Requirements according to the examination regulations	A student must have attended at least 75% of the lectures to sit in the exams.
Required and recommended prerequisites for joining the module	Programming

<table>
<tr><td>Learning outcomes and their corresponding PLOs</td><td>After completing this module, a student is expected to:
LO1 Students should be able to understand the main components (parts) required in writing scientific article, especially one for their thesis.
LO2 Students should be capable of doing a review from an already available academic research result reports, then giving it some comments and critics.
LO3 Students capable of defining components (or sections) in scientific article writing, starting from determining title until the making of summary while selecting the words and the correct grammar used in writing.
LO4 Students understand and capable of implementing the steps of writing process for scientific article (prewriting, writing, revision, editing, proofread).
LO5 Students capable of utilizing writing tools such as Google Scholar, Research Gate, Bibtex, and some other open source programs.
LO6 Students capable of producing at least one simple scientific article at the end of the course (class).

<table>
<tr><th colspan="2">PLO</th><th>LO1</th><th>LO2</th><th>LO3</th><th>LO4</th><th>LO5</th><th>LO6</th></tr>
<tr><td rowspan="5">Program Learning Outcome (PLO)</td><td>PLO1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>PLO2</td><td>√</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>PLO3</td><td></td><td>√</td><td>√</td><td>√</td><td>√</td><td></td></tr>
<tr><td>PLO4</td><td></td><td></td><td></td><td></td><td></td><td>√</td></tr>
<tr><td>PLO5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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<tr><td>Content</td><td>The course gives students some knowledges of how to write scientific articles finely, both in the side of format (or structure) and contents. In order to obtain good writing, the selection of appropriate words and sentences is very important. At the end of the class, it is required that each student has a simple scientific writing.</td></tr>
<tr><td>Study and examination requirements and examination forms</td><td>5 Assignments, Mid-terms examination, and Final examination.</td></tr>
<tr><td>Media employed</td><td>LCD, blackboard, and websites.</td></tr>
<tr><td>Assessments and evaluation</td><td>LO1: Problem 1 in midterm (7.5%) and assignment (5%).
LO2: Problem 2 in midterm (7.5%) and assignment (5%).
LO3: Problem 3 in midterm (7.5%) and assignment (5%).
LO4: Problem 4 in midterm (7.5%) and assignment (5%).
LO5: Problem 1 and 3 in final exam (15%) and assignment (10%).
LO6: Problem 2 and 4 in final exam (15%) and assignment (10%)</td></tr>
</table>

Reading list	1. Kumar, R., 2011, Research Methodology a step-by-step guide for beginners, SAGE, Los Angeles, London, New Delhi, Singapore, Washington DC. 2. 2. Fisher, J. P., et al., Guidelines for writing a research paper for publication, Mary Ann Liebert, Inc. publishers.

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