ME4096 - Meteorological Literacy and Practice

<table>
<tr><td colspan="4">COURSE LESSON PLAN
STUDY PROGRAM: METEOROLOGY
FACULTY/SCHOOL: FACULTY OF EARTH SCIENCES AND TECHNOLOGY
INSTITUT TEKNOLOGI BANDUNG</td></tr>
<tr><td>Course Code:
ME4096</td><td>Credits:
2</td><td>Semester:
7</td><td>Course Type:Compulsory course</td></tr>
<tr><td>Course Name</td><td colspan="3">Literasi dan Praktik Meteorologi</td></tr>
<tr><td></td><td colspan="3">Meteorological Literacy and Practice</td></tr>
<tr><td>Related Course</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td rowspan="6">Study Materials</td><td colspan="2">Scientific articles in national and international journals.</td><td>Expose</td></tr>
<tr><td colspan="2">Guidelines for summarizing, reviewing, and presenting scientific articles.</td><td>Explore</td></tr>
<tr><td colspan="2">Meteorological final project theses.</td><td>Expose</td></tr>
<tr><td colspan="2">Understanding the professional work environment.</td><td>Explore</td></tr>
<tr><td colspan="2">Learning to communicate formally with supervisors, peers, and subordinates.</td><td>Explore</td></tr>
<tr><td colspan="2">Applying and deepening knowledge from coursework and broadening perspectives on the professional work environment.</td><td>Explore</td></tr>
<tr><td colspan="4">Learning Outcomes</td></tr>
<tr><td colspan="2">Code</td><td colspan="2">LO</td></tr>
<tr><td colspan="2">PLO-5.1</td><td colspan="2">Possesses basic oral communication skills and is able to write scientific reports in the appropriate format.</td></tr>
<tr><td colspan="2">PLO-5.3</td><td colspan="2">Able to work effectively as an individual and in a team. (A4)</td></tr>
<tr><td colspan="2">PLO-5.4</td><td colspan="2">Able to demonstrate lifelong learning capability and readiness to pursue higher-level studies.</td></tr>
<tr><td>Code</td><td>CO</td><td colspan="2">Elements of Course Learning Outcomes (CO)</td></tr>
<tr><td>PLO-5.1</td><td>1</td><td colspan="2">Students are able to expand their knowledge of current meteorological research developments.</td></tr>
<tr><td>PLO-5.1</td><td>2</td><td colspan="2">Students are able to produce a written report on their internship activities. (C3)</td></tr>
<tr><td>PLO-5.3</td><td>3</td><td colspan="2">Students are able to manage activities within a team. (A4)</td></tr>
<tr><td rowspan="3">PLO-5.4</td><td>4</td><td colspan="2">Students are able to study current research methods relevant to supporting their final projects.</td></tr>
<tr><td>5</td><td colspan="2">Students are able to present and discuss research results effectively.</td></tr>
<tr><td>6</td><td colspan="2">Students are able to ensure their work does not violate professional ethics. (A3)</td></tr>
<tr><td colspan="2">Learning Methods</td><td colspan="2">Lecture
Group Discussion
Cooperative Learning
Problem-based Learning</td></tr>
<tr><td colspan="2">Learning Modalities</td><td colspan="2">Synchronous learning
Blended/Online Asynchronous</td></tr>
<tr><td colspan="2">Assessment Method</td><td colspan="2">Presentation and Report</td></tr>
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