Module Handbook

Module's Name	Physics for School
Module's Grade	Undergraduate Program (S-1)/Bachelor
Abbreviation /code (if any)	
Subtitles (if any)	
Courses included in the module (if any)	
Semester/year	5/3rd year
Module Coordinator	Nadi Suprapto, Ph.D
Lecturer	Nadi Suprapto, Ph.D Dra. Suliyanah, M.Si Abu Zainuddin, M.Pd Setyoadmoko, M.Pd
Language used	Indonesian
Classification in the curriculum	Compulsory course/~~elective course~~
Learning format/number of class hours per week	Per week consists of: 3 hours face to face (1 hour face to face = 50 minutes/hour)
Workload	3x50 minutes face to face, 3x60 minutes structured tasks, 3x60 minutes independent learning, for 14 weeks, a total of 126 hours face-to-face/semester
CU	3
Precondition course	
Learning Outcome	**Knowledge:** Master physics concepts and their learning including misconceptions and strategies to overcome them, and have knowledge of the contents of the Senior High School physics curriculum. **Skill:** Have the skills to analyze the contents of physics material including breadth and depth. **Competence:** Have the ability to take advantage of ICT-based learning resources and learning media in reviewing the Senior High School physics curriculum **Attitude and Social:** Having a responsible attitude which is reflected in the results of critical and thorough analysis of physics material
Content	This lecture discusses the depth, breadth, order of delivery, and examples of implementation and plans and simulations of learning from physics learning materials for Senior High School class X, XI, and XII and vocational physics.
Attribute soft skill	Work effectively individually and group in task Responsibility

<table>
<tr><td>Assessment of CLO/exam</td><td>Students are considered competent and pass if they get at least a minimum test score of 68 (Mid and Final), and structured activities (assignments/T) and participatory activities (P)
The final grade (NA) is calculated according to the formula:
$NA = \frac{(2xP)+(3xT)+(2xMid)+(3xFinal)}{10}$
Convert the 0-100 scale value to a 0-4 scale and the letters are arranged as follows.

<table>
<tr><th>Alphabet</th><th>Score</th><th>Interval</th></tr>
<tr><td>A</td><td>4,00</td><td>85 ≤ A < 100</td></tr>
<tr><td>A-</td><td>3,75</td><td>80 ≤ A- < 85</td></tr>
<tr><td>B+</td><td>3,50</td><td>75 ≤ B+ < 80</td></tr>
<tr><td>B</td><td>3,00</td><td>70 ≤ B < 75</td></tr>
<tr><td>B-</td><td>2,75</td><td>65 ≤ B- < 70</td></tr>
<tr><td>C+</td><td>2,50</td><td>60 ≤ C+ < 65</td></tr>
<tr><td>C</td><td>2,00</td><td>55 ≤ C < 60</td></tr>
<tr><td>D</td><td>1,00</td><td>40 ≤ D < 55</td></tr>
<tr><td>E</td><td>0,00</td><td>0 ≤ E < 40</td></tr>
</table>
</td></tr>
<tr><td>Media</td><td>Handbook, power point slide</td></tr>
<tr><td>Reference</td><td>1. Ong, L K, 2009, Longman Matriculation Study Guide. Pearson-Longman
2. Hewitt, P. G, 2002, Practicing Physics Conceptual Physics 6th ed. San Francisco: Addison Wesley
3. Senior High School syllabus, Physics Subject</td></tr>
<tr><td>Note</td><td></td></tr>
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