



**MINISTRY OF EDUCATION AND CULTURE**  
**UNIVERSITAS NEGERI SURABAYA**  
**FACULTY OF MATHEMATICS AND NATURAL SCIENCES**  
**DEPARTMENT OF PHYSICS**

Ketintang Campus, Jalan Ketintang, C3 Building, Surabaya 60231  
 Website: <https://pendidikan-fisika.fmipa.unesa.ac.id/>, email: [s1-pfis@unesa.ac.id](mailto:s1-pfis@unesa.ac.id)

**Undergraduate Programme of Physics Education**

**Module Handbook**

Module Name :	<i>Media pembelajaran</i> Learning Media					
Module level :	Bachelor degree/Undergraduate Programme					
Course Code :	8420302129					
Abbreviation, if applicable:	-					
Courses included in the module, if applicable:	Not Applicable					
Semester/Term	5/Third Year					
Module coordinator(s)						
Lecturer(s):	Dr. Rudy Kustijono, MS Abd. Kholiq, S.Pd., MT					
Language:	<i>Bahasa Indonesia</i>					
Classification within the curriculum:	Compulsory/ <del>Elective</del>					
Teaching format/class hours per week during the semester:	2 contact hours of lectures (Indonesia credit semester or sks*)					
Workload :	2 x 50 minutes lectures, 2 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 90 total hours per semester ~ 3.18 ECTS**					
Credit Point:	2 sks (3.18 ECTS)					
Requirements:	Digital Literacy					
Learning goals/competencies:	<ol style="list-style-type: none"> <li>1. Examining various media and teaching aids in learning</li> <li>2. Developing learning aids</li> <li>3. Developing learning posters/banners</li> <li>4. Developing presentation learning media</li> <li>5. Developing a learning Ebook</li> <li>6. Developing learning videos</li> <li>7. Developing learning websites and weblogs</li> <li>8. Developing animation learning media</li> </ol>					
Content	This course is a course that designs and develops teaching and learning aids, both in the form of hardware and software, namely everything that can be used to stimulate the thoughts, feelings, attention and abilities or skills of students so that it can encourage the learning process.					
Attribute Soft skill:	Scientific report, public speaking, and team work					
Study/exam achievements:	Students are considered to complete the course and pass if they obtain at least 40% of maximum final grade. The final grade (NA) is calculated based on the following ratio: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Assessment Components</th> <th>Percentage of contribution</th> </tr> </thead> <tbody> <tr> <td>Participation</td> <td>20%</td> </tr> </tbody> </table>		Assessment Components	Percentage of contribution	Participation	20%
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	Assignment	30%
	Mid-semester test	20%
	Final semester test	30%
Learning Methods :	Student-centered approach, lecture and discussion, and presentations (structured activities)	
Form of Media:	<i>Power Point</i> slides, e-book file, and multimedia.	
Literature (primary references):	<ol style="list-style-type: none"><li>Green TD and Brown A, 2002, <i>Multimedia Project in the Classroom</i>, California: Corwin Press, Inc.</li><li>Rusli M, Hermawan D and Supuwingsih NN, 2017, <i>Innovative Multimedia Learning</i>, Yogyakarta: Andi Offset.</li></ol>	
Notes:	*1 sks in learning process = three periods consist of: (a) scheduled instruction in a classroom or laboratory (50 minutes); (b) structured activity (60 minutes); and (c) individual activity (60 minutes) according to the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 44 Year 2015 jo. the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 50 Year 2018.	
	**1 sks = 1,59 ECTS according to Rector Decree Of Universitas Negeri Surabaya No. 598/Un38/Hk/Ak/2019	