

Development of Teaching Materials

Module Name :	Development of Teaching Materials	
Module Level :	Undergraduate	
Code :	00052144	
Sub-heading, if applicable :		
Classes, if applicable :		
Semester :	5 th /6 th /8 th	
Module coordinator :		
Lecturer(s) :	Dr. Firmanul Catur Wibowo, M.Pd	
Language :	Indonesian	
Classification within the curriculum :	Compulsory course	
Type of Teaching	Contact hours per week during the semester	Class Size
Lecture (Expository, discussion, exercise)	100 minutes	40
Workload	Total workload of this course 90,6 hours (3 ECTS) per semester which consist of 26,67 hours (0,89 ECTS) classroom activity, 32 hours (1.06 ECTS) structured task, and 32 hours (1.06 ECTS) per semester.	
Credit points :	3 ECTS	
Prerequisite course(s) :	-	
Course Outcomes :	<p>After taking this course the student have ability to :</p> <p>CLO35. Understand the concept of teaching materials in high school physics learning.</p> <p>CLO36. Identify the need for teaching materials in accordance with the characteristics of high school physics teaching materials.</p> <p>CLO37. Design teaching materials that are in accordance with high school physics material</p>	
Content :	<ol style="list-style-type: none"> 1. Role and function of teaching materials 2. Types of teaching materials 3. Understand the characteristics of high school physics teaching materials 4. Analyze the concept of high school physics teaching materials 5. Identify the needs of teaching materials according to teaching materials 6. Determine teaching materials that are in accordance with high school physics teaching materials 7. Design teaching materials in the form of descriptive designs 	

	8. Develop teaching materials that are in accordance with high school physics teaching materials																				
Study/exam achievements:	Examination are conducted as unit test, as following																				
	<table border="1"> <thead> <tr> <th>No</th> <th>Assesment Object</th> <th>Assesment Technique</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Case Based Learning %</td> <td>Project Assessment (for group project assessment)</td> <td>55%</td> </tr> <tr> <td>2</td> <td>Mid-semester exam (UTS)</td> <td>Written test</td> <td>15%</td> </tr> <tr> <td>3</td> <td>Final semester exam</td> <td>Written test</td> <td>15%</td> </tr> <tr> <td>4</td> <td>Paper presentation</td> <td>Presentation</td> <td>20%</td> </tr> </tbody> </table>	No	Assesment Object	Assesment Technique	Weight	1	Case Based Learning %	Project Assessment (for group project assessment)	55%	2	Mid-semester exam (UTS)	Written test	15%	3	Final semester exam	Written test	15%	4	Paper presentation	Presentation	20%
	No	Assesment Object	Assesment Technique	Weight																	
	1	Case Based Learning %	Project Assessment (for group project assessment)	55%																	
	2	Mid-semester exam (UTS)	Written test	15%																	
3	Final semester exam	Written test	15%																		
4	Paper presentation	Presentation	20%																		
Media :	Ms. Power Point and Demonstration tools																				
Literatures :	<ol style="list-style-type: none"> 1. Priyanto, Zaky. Making Educational Animation Using Flash. Informatika, 2008 2. Suciati, Andreas. Menguasai Pembuatan Animasi dengan Macromedia Flash MX. Jakarta ; PT. Elex Media Komputindo, 2003 3. Sadiman, Arief. Media Pendidikan ; Pengertian, Pengembangan dan Pemanfaatannya. Jakarta ; Raja Grafindo Persada, 2003 4. Heinich, Robert. Instructional Media and Technologies For Learning. New Jersey ; Prentice-Hall, 1996 5. Rohani, Ahmad, Media Instruksional Edukatif. Jakarta ; PT. Rineka Cipta, 1997 Smaldino, et al.. 6. Instructional Media and Technology for Learning. New Jersey: Prentice Hall.2005. 7. Hamalik,Oemar. Media Pendidikan. Bandung: PT.Citra Aditya Bakti.1994 8. Arsyad,Azhar. Media Pembelajaran.Jakarta:PT Raja Grafindo.2004 																				