

UNIVERSITAS NEGERI YOGYAKARTA

FACULTY OF MATHEMATICS AND NATURAL SCIENCES DEPARTMENT OF SCIENCE EDUCATION

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Bachelor of Educationin in Science

MODULE HANDBOOK

Module name:	Lab-work of Development of Science instructional media II				
Module level, if applicable:	Undergraduate				
Code:	PIA6110				
Sub-heading, if applicable:	-				
Classes, if applicable:	-				
Semester:	5 th (fifth)				
Module coordinator:	Sabar Nurohman, M.Pd.				
Lecturer(s):	Widodo Setiyo Wibowo, M.Pd,				
Language:	Bahasa Indonesia				
Classification within the curriculum:	Compulsory Course				
Teaching format / class hours per week during the semester:	100 minutes lectures and 120 minutes structured activities per week.				
Workload:	Total workload is 90.67 hours per semester which consists of 100 minutes lectures and 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.				
Credit points:	1 (3 ETCS)				
Prerequisites course(s):	PIA6104				
Targeted learning outcomes:	After accomplishing this course students are able to: CO1. show independency and responsibility in carrying out individual tasks and group assignments CO2. Show independent, systematic, and measurable performance in developing ICT-based science instructional media CO3. Make decision about solving problem related to design and develop ICT-based science instructional media in various types such as audio, visual, video, and interactive presentations. CO4. responsible for achieving results of group work.				
Content:	This course will study about designing and developing photography-based and video-based science instructional media, and interactive presentations using adobe flash software.				

Study/exam achievements:	Attitude assessment is carried out at each meeting by observation and / or self-assessment techniques using the assumption that basically every student has a good attitude. The student is given a value of very good or not good attitude if they show it significantly compared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of the requirements to pass the course. Students will pass from this course if at least have a good attitude.							
	The final mark will be weight as follow: No							
	1	CO1, CO2 and CO3 CO4	a. performance b. product 1 c. product 2 d. product 3	Project and presentation	10% 30% 30% 30%			
Forms of media:	Board, LCD Projector, Laptop/Computer, DSLR Camera, Handycam							
Literature:	A. Smaldino, Russel, Heinich, and Molenda. (2005). Instructional Technology and Media for Learning. New Jersey: Pearson Merrill Prentice Hall B. Good Linda, (2009). Teaching and Learning With Digital Photography. New Delhi: Corwin Press C. Smyth,Ellen &Volker,John.(20130.Enhancing Instruction with Visual Media: Utilizing Video and Lecture Capture. New York: IGI Global D. MADCOMS. (2009). PanduanLengkap: Adobe Flash CS4 Profesional.: Andi Publisher							

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1		✓										
CO2								✓				
CO3										✓		
CO4												✓