



**YOGYAKARTA STATE UNIVERSITY**  
FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
DEPARTMENT OF BIOLOGY EDUCATION  
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**Bachelor of Education in Biology**

**MODULE HANDBOOK**

Module name:	Workshop on Printed Media Production
Module level, if applicable:	Undergraduate
Code:	BIP6256
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	Odd
Module coordinator:	Rio Christy Handziko S.Pd.Si., M.Pd.
Lecturer(s):	Rio Christy Handziko S.Pd.Si., M.Pd.
Language:	Indonesian Language
Classification within the curriculum:	Elective Course
Teaching format/class hours per week during the semester:	100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week
Workload:	Total workload is 91 hours per semester which consists of 100 minutes of lectures, 120 minutes of structured activities, and 120 minutes of individual study per week for 16 weeks.
Credit points:	2 credits (3.28 ECTS)
Prerequisites course(s):	Workshop on Biology Instructional Material Development
Program Learning Outcomes:	PLO5. Understanding the principles of TPACK (Technological Pedagogical Content Knowledge) in biology learning.  PLO6. Mastering the use of information and communication technology in biology learning.
Course Outcomes	After taking this course, the students have the ability to:

	CO1. Understand the scope of printed media as instructional media. CO2. Understand research and development (R & D) for the production of instructional media. CO3. Know the steps and stages for the printed learning media production. CO4. Understand the functions, benefits, advantages, and limitations of printed instructional media. CO5. Analyze the curriculum to develop printed instructional media in accordance with the curriculum. CO6. Perform editing to develop the layout of printed instructional media. CO7. Develop printed instructional media based on the field and/or scientific studies. CO8. Design instruments for assessment and validation of instructional media. CO9. Assess and revise printed instructional media CO10. Cooperate with related parties to develop printed instructional media to obtain the International Standard Book Number (ISBN)															
Content:	This course deals with how to produce biology instructional media in the form of printed materials based on the needs of biology learning. The steps in research and development (R & D) in producing instructional media and the editing softwares or applications for managing the media layouts are discussed. It requires students to review and design media assessment and validation instruments, as well as review and submit a book and ISBN data requests to the National Library.															
Study/exam achievements:	<div>The final mark will be weight as follows:</div> <table><tr><th>No</th><th>CO</th><th>Assessment Object</th><th>Assessment Technique</th><th>Weight</th></tr><tr><td>1</td><td>CO1 to CO10</td><td>Observed attitudes, knowledge, and skills</td><td>Survey, test, rubrics and manuals</td><td>100%</td></tr><tr><td colspan="4">Total</td><td>100%</td></tr></table>	No	CO	Assessment Object	Assessment Technique	Weight	1	CO1 to CO10	Observed attitudes, knowledge, and skills	Survey, test, rubrics and manuals	100%	Total				100%
No	CO	Assessment Object	Assessment Technique	Weight												
1	CO1 to CO10	Observed attitudes, knowledge, and skills	Survey, test, rubrics and manuals	100%												
Total				100%												
Forms of media:	Real objects, model, multimedia															
Reference:	A. Thiagarajan, Sivasailam, dkk. (1974). <i>Instructional Development for Training Teachers of Exceptional Children</i> . Washington DC: National Center for Improvement Educational System.  B. Borg & Gall. 1983. <i>Educational Research: An Introduction</i> . London: Longman Inc..  C. Gall, M. D., Borg, W. R., & Gall, J. P. (1996). <i>Educational Research Introduction</i> (6th ed.). White Plains, NY: Longman Publishers USA.  D. Campbell, A., McNamara, O., Gilroy, P. 2004. <i>Practitioner Research and Professional Development In Education</i> .															

**PLO and CO mapping**

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1					✓							
CO2					✓							
CO3					✓							
CO4					✓							
CO5					✓							
CO6						✓						
CO7						✓						
CO8						✓						
CO9						✓						
CO10						✓						