Module Handbook

Module Name:	Learning Media
Module Level:	Sarjana (S-1) / Bachelor
Abbreviation, if applicable:	8420202121
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	5/ third year
Module Coordinator(s):	Dr. Siti Khabibah, M.Pd
Lecturer(s):	Dr. Janet Trineke Manoy, M.Pd Dr. Siti Khabibah, M.Pd Dr. Pradnyo Wijayanti, M.Pd Nina Rinda Prihartiwi, M.Pd.
Language:	Indonesia
Relation to Curriculum:	For all level students, Compulsory course/ elective studies
Teaching format/class hours per week during the semester	Teaching format: lectures, tutorial assignment, and individual study. 3 x 170 minutes = 510 minutes = 8.5 hours lectures
Workload:	15 weeks per semester consisting of: ➢ 2.5 hours lectures (3 x 50 minutes) per week, ➢ 3 hours tutorial assignments (3 x 60 minutes) per week, ➢ 3 hours individual study (3 x 60 minutes) per week, Total workload : 14x3x170 minutes = 7,140 minutes = 4.76 ECTS*
Credit Point:	3
Requirements:	-
Learning Goals :	**KNO-2** CLO-1 Able to explain theories related to types/ classifications, functions, and basics of media development that utilize the surrounding environment (contextual) or ICT-based in learning to support mathematics learning in schools. **SKI-1** CLO-2 Able to apply types / classifications, functions, and basics of media development in designing media suitable for learning mathematics **COM-2** CLO-3 Able to develop manual or ICT-based media in mathematics learning based on the results of the compiled design

	SOC-1
	CLO-4 Able to analyze the advantages and disadvantages of manual or ICT-based media in mathematics learning
Content	This course discuss about assessing the meaning, type / classification, function, basics of media development, as well as being able to select, design, and produce learning media by utilizing the surrounding environment (contextual) and ICT through group / individual task-based learning, presentations, and IT.
Study/exam achievements	➢ Students are considered competent and pass if the final score calculated from the score of midterm exam, assignments, participation, and final exam is at least 55 or C. ➢ Final score is calculated as follows: ➢ 20% midterm exam + 30% assignments + 20% participation + 30% final exam ➢ Final index is defined as follow:

Index	Converted Score	Score Range
A	4.00	$85 \leq A \leq 100$
A-	3.75	$80 \leq A- < 85$
B+	3.50	$75 \leq B+ < 80$
B	3.00	$70 \leq B < 75$
B-	2.75	$65 \leq B- < 70$
C+	2.50	$60 \leq C+ < 65$
C	2.00	$55 \leq C < 60$
D	1.00	$40 \leq D < 55$
E	0.00	$0 \leq E < 40$

Forms of Media	Slides and LCD projectors, whiteboard, samples of learning media
Literature	[1] Mathematics books, both student books and teacher's books Clements, D. H., & Sarama, J. (2004). Learning trajectories in mathematics education. *Mathematical thinking and learning*, *6*(2), 81-89. [2] Fenrich, P.(1997). *Practical Guidelines For Creating Instructional Multimedia*Application. USA:Harcourt Brace College Publisher. [3] Heinich, R., Molenda. (1999). *Instructional Media and*

	Technologies forLearning. USA: Prentice Hall. [4] Journal of Education, both abroad and domestically [5] School curriculum [6] Robert Heinich Merril, 2002 *Instruction Media and Tecnologies for learning* [7] Smaldino, S.E., Deborah L.L., and James D.R., 2011. *Instructional Technology and Media for Learning: Learning Technology and Media for Learning.* Jakarta: Kencana.
Note	*Total hours per 1 credit in 1 semester={(1 credit x 170 minutes x 14 weeks)/60 minutes}=39.67 hours. each ECTS equals with 25 hours therefore 1 credit in 1 semester equals 1.59 ECTS.