MODULE HANDBOOK

Module Name:	School Mathematics
Module Level:	Sarjana (S-1) / Bachelor
Abbreviation, if applicable:	8420203111
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	5/ Third year
Module Coordinator(s):	Abdul Haris Rosyidi, M.Pd.
Lecturer(s):	Dr. Pradnyo Wijayanti, M.Pd. Dr. Masriyah, M.Pd. Abdul Haris Rosyidi, M.Pd.
Language:	Indonesia
Classification within the curriculum:	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:	Innovative Learning I
Learning Goals:	**Knowledge** CLO-1: Demonstrate knowledge related to school mathematics for lower and upper secondary school **Skill** CLO-2: Design, implement and evaluate the mathematics teaching and learning process of SMP / MTs using ICT. **Competency** CLO-3: Communicate ideas orally and in writing effectively related to lower and upper secondary school mathematics content

	CLO-4 Able to make decisions related to the completion of school mathematics course assignments that are the responsibility of students. **Social** CLO-5: Show scientific, critical and innovative attitude in lower and upper secondary school mathematics learning.
Content:	Mathematical concepts in lower dan upper secondary school, essential materials of mathematical concepts in lower and upper secondary school, student and / or teacher misconceptions and their alternative learning through reflective active learning.
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
Literature	[1] Yee Lee Peng, 2006. Teaching Secondary School Mathematics, A Resource Book. Singapore : Mc Graw Hill [2] Sultan Alan, Artzt, Alice F. 2011. The Mathematics That Every Secondary Scool Math Teacher Need To Know. New York: Routledge. [3] School Mathematics books for secondary school relevant with current curriculum

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.