UNIVERSITAS NEGERI YOGYAKARTA
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
DEPARTMENT OF MATHEMATICS EDUCATION
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Bachelor of Education in Mathematics **MODULE HANDBOOK**

Module name:	Assessment of Mathematics Learning
Module level, if applicable:	Undergraduate
Code:	PMA6207
Sub-heading,if applicable:	-
Classes,if applicable:	-
Semester:	5th
Module coordinator:	Jailani, M.Pd
Lecturer(s):	Heri Retnawati, Dr.; Kana Hidayati, Dr.; Jailani, Dr.
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, 120 minutes structured activities, and 120 minutes self-study per week for 16 weeks.
Creditpoints:	2
Prerequisites course(s):	Mathematics Curriculum and Learning (PMA6204)
Course Outcomes	After taking this course the students have ability to: CO1. Show fairness, tolerance, and honesty in lectures CO2. Demonstrate collaborative attitude and independence in carrying out individual tasks and group assignments CO3. Communicate ideas related to the assessment of mathematics learning in writing and verbally

	CO4. Use various programs to improve communication optimization CO5. Understand the formal, academic and professional basics for assessment of mathematics learning CO6. Understand the basic concepts in assessment of mathematics learning CO7. Develop instruments of assessment for mathematics learning (assessment of process, assessment of learning outcomes for affective, knowledge and skills domain n related to school mathematics (SMP / MTs, SMA / MA, or SMK) in accordance with the 2006 Curriculum, 2013 Curriculum (and/or the latest curriculum) CO8. Use various computer programs for quantitative analysis of instruments or of the items
Content:	This course discusses basic concepts in educational assessment; government policies related to the assessment, validity and reliability of instruments; forms of test or non-test instruments; planning, prototiping and developing test and non-test instruments for mathematics learning; and if possible, practicing item analysis: test instruments, alternative tests, and non-tests; theoretically and empirically (manuals and computer program)
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 attitudeif they show it significantlycompared to other students in general. The result of attitude assessment is not a component of the final grades, but as one of therequirements to pass the course. Students will pass from this course if at least have a good attitude.

<table>
<tr><td></td><td>The final mark will be weight as follow:

<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
CO2</td><td>Course participation, attendance, assigment</td><td>Observation, journal</td><td>10%</td></tr>
<tr><td>2</td><td>CO3
CO4
CO5
CO6
CO7
CO8</td><td>a. Assigment
b. Mid exam
c. Post exam</td><td>Presentation, written test</td><td>30%
30%
30%</td></tr>
<tr><td colspan="4">Total</td><td>100%</td></tr>
</table></td></tr>
<tr><td>Formsof media:</td><td>Board, LCD Projector, Laptop/Computer</td></tr>
<tr><td>Literature:</td><td>1. Allen, M.J. & Yen, W.M. 1979. Introduction to Measurement Theory. Monterey, CA.: Brooks/Cole Publishing Company.
2. Betsy McCoach, D; Gable, Robert K.; Madura, John P. 2013. Instrument Development in affective Domain. New York: Sringer.
3. Miller, M.D., Linn, R.L., & Gronlund, N.E. 2009. Measurement and Assessment in Teaching. Upper Saddle River, N.J. : Pearson
4. Peraturan-PeraturanPerundang-Undangan yang terkaitdenganStandarPenilaianPendidikan (UU, PP, Permen Pendidikan Nasional RI yang mutakhir).
5. Webb, N. F. dan Coxford, A.F. 1993. Assessment in The Mathematics Classroom. Reston, VA: National Council Teacher of Mathematics.</td></tr>
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PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
CO1	✓											
CO2		✓										
CO3			✓									
CO4				✓								
CO5						✓						
CO6						✓						
CO7											✓	
C08											✓	