

Evaluation in Mathematics Teaching and Learning

Module designation	Evaluation in Mathematics Teaching and Learning
Semester(s) in which the module is taught	II (even semester)
Person responsible for the module	Prof. Wardani Rahayu M.Si, Dr. Pinta Deniyanti S. M.Si, Dr. Ellis Salsabila M.Si
Language	Bahasa Indonesia
Relation to curriculum	-
Teaching methods	Lecture (i.e., group presentation and small group and classroom) Structured assignments (i.e., individual and group assignment)
Workload (incl. contact hours, self-study hours)	For this course, students required to meet a minimum of 154,66 hours in one semester, which consist of 26,66 hours for lecture 64 hours for structured assignments 64 hours for private study
Credit points	2 SKS \approx 5,2 ECTS
Required and recommended prerequisites for joining the module	Completing Mathematics Teaching and Learning Designs Course
Module objectives/intended learning outcomes	Students are able to: <ol style="list-style-type: none"> 1. Develop an assessment instrument. 2. Analyze instruments with various types of validity. 3. Analyze the test score based on the type of reliability. 4. Develop learning achievement test instruments. 5. Understand the various authentic assessments in detail. 6. Develop various authentic assessments in learning mathematics. 7. Analyze the evaluation, scoring, and grading of students' progress in learning mathematics
Content	Students will learn about: <ol style="list-style-type: none"> 1. Classroom Assessment Paradigm 2. Instrument Item Validity 3. Reliability 4. Test Instrument Development 5. Item Analysis 6. Authentic Assessment 7. Evaluation Theory (Scoring and Grading)
Examination forms	Assessment of the learning process according to the following components: Individual Assignment: 25% Group Presentation: 30% Report: 20% Final Exam: 20% Activity: 5%

Study and examination requirements	<p>Study and examination requirements:</p> <ol style="list-style-type: none"> 1. Students must attend 15 minutes before the class starts. 2. Students must switch off all electronic devices. 3. Students must inform the lecturer if they will not attend the class due to sickness, etc. 4. Students must submit all class assignments before the deadline. 5. Students must attend the exam to get a final grade.
Reading list	<p>Main References</p> <ol style="list-style-type: none"> 1. Popham, W. J. 1995. <i>Classroom Assessment: What Teachers Need to Know</i>. CA: Allyn and Bacon, Los Angeles. 2. Athanasou, James and Lasonas Lamprianou. 2002. <i>A Teachers Guide to Assesment</i>. Australia: Social Science Press. 3. McMillan, James H. 2008. <i>Assesment Essentials for Standards Based Education</i>. California: Corwin Press. 4. Butler, Susan M., and Nancy D McMunn. 2006. <i>Classroom Assessment</i>. San Fransisco: Jossey Bass. 5. Reynold, Cecil R., et al. 2009. <i>Measurement and Assessment in Education</i>. Ohio: Pearson. 6. Reynolds, C. R., Livingston, R. B., Wilson, V. 2010. <i>Measurement and Assessment in Education, Second Edition</i>, Pearson Education International New Jersey. 7. Kay Burk. <i>How to Assess Authentic Learning. Fifth Edition. 2009. Corwin a Sage Company.</i> 8. Dali Santun Naga. <i>Teori Sekor Pada Pengukuran Mental. 2012. Nagarani Citrayasa.</i>