

MODULE HANDBOOK

Module Name:	Mathematics Education Seminar
Module Level:	Sarjana (S-1) / Bachelor
Abbreviation, if applicable:	8420202200
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	6/ third year
Module Coordinator(s):	Rooselyna Ekawati, Ph.D.
Lecturer(s):	Team
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. 2 x 170 minutes = 340 minutes = 5.67 hours lectures
Workload:	15 weeks per semester consisting of: <ul style="list-style-type: none"> ➤ 1.7 hours lectures (2 x 50 minutes) per week, ➤ 2 hours tutorial assignments (2 x 60 minutes) per week, ➤ 2 hours individual study (2 x 60 minutes) per week, Total workload: 14x2x170 minutes = 4,760 minutes = 3.17 ECTS*
Credit Point:	2
Requirements:	-
Learning Goals:	<p>Knowledge (KNO-2) CLO-1: Formulate problems related to mathematics learning for later research</p> <p>Knowledge (KNO-3) CLO-2: Explain the concepts and techniques for drafting scientific papers CLO-3: Write a draft of paper, research proposals, or scientific articles</p>

	<p>Competency (COM-1) CLO-4: Communicate ideas and research results orally and in writing</p> <p>Competency (COM-2) CLO-5: Analyze data and discuss data / information obtained from a mathematics education research</p> <p>Social Attitude (SOC-1) CLO-6: Recommend alternative solutions to problems in mathematics teaching and learning</p> <p>Social Attitude (SOC-2) CLO-7: Demonstrate publication ethics in writing articles, papers, mathematics education research proposals</p>																														
Content:	Concepts and techniques for writing scientific papers, compiling papers related to mathematics education, presenting and discussing them through active learning with Focus Group Discussion settings.																														
Study/exam achievements	<ul style="list-style-type: none"> ➤ 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: <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Index</th> <th>Converted Score</th> <th>Score Range</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>4.00</td> <td>$85 \leq A \leq 100$</td> </tr> <tr> <td>A-</td> <td>3.75</td> <td>$80 \leq A- < 85$</td> </tr> <tr> <td>B+</td> <td>3.50</td> <td>$75 \leq B+ < 80$</td> </tr> <tr> <td>B</td> <td>3.00</td> <td>$70 \leq B < 75$</td> </tr> <tr> <td>B-</td> <td>2.75</td> <td>$65 \leq B- < 70$</td> </tr> <tr> <td>C+</td> <td>2.50</td> <td>$60 \leq C+ < 65$</td> </tr> <tr> <td>C</td> <td>2.00</td> <td>$55 \leq C < 60$</td> </tr> <tr> <td>D</td> <td>1.00</td> <td>$40 \leq D < 55$</td> </tr> <tr> <td>E</td> <td>0.00</td> <td>$0 \leq E < 40$</td> </tr> </tbody> </table>	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	$0 \leq E < 40$
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	<p>[1] Suseno, S. (1980). <i>Teknik Penulisan Ilmiah Populer</i>. Jakarta: Gramedia</p> <p>[2] Tim. (2011). <i>Panduan Penulisan Proposal dan Skripsi Program Studi Kimia</i>. Surabaya: Unesa University Press</p>																														

	<p>[3] Tim (2006). <i>Panduan Penulisan dan Penilaian Skripsi</i>. Surabaya: Unesa Univeristy Press.</p> <p>[4] Relevant scientific articles from national/international journal</p>
Note	<p>*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.</p>