

MODULE HANDBOOK

Module Name:	E-learning
Module Level:	Sarjana (S-1) / Bachelor
Abbreviation, if applicable:	8420202047
Sub-heading, if applicable:	-
Course included in the module, if applicable:	-
Semester/term:	5/ Third year
Module Coordinator(s):	Dr. Atik Wintarti, M.Kom
Lecturer(s):	Dr. Atik Wintarti, M.Kom Dr. Elly Matul Imah, M.Kom Dr. Janet Trineke Manoy, 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. 2 x 170 minutes = 340 minutes = 5.67 hours lectures
Workload:	15 weeks per semester consisting of: <ul style="list-style-type: none"> ➤ 2 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:	8420203152 Visual Programming
Learning Goals :	<p>Knowledge (KNO-2) CLO-1 : Understand e-learning concepts and the supporting technology</p> <p>Skill (SKI-1) CLO-2: Design e-learning mathematics using various learning approaches. CLO-3: Implement and evaluate e-learning mathematics using ICT.</p> <p>Social (SOC-1)</p>

	CLO-3: Apply critical and innovative thinking in implementing e-learning mathematics.																														
Content:	Definition of e-learning, history of development of e-learning, benefit of e-learning, learning strategy via e-learning, knowledge management through e-learning, Learning Management System (LMS) utilization, e-learning design, multimedia contents, implementation of e-learning, and e-learning evaluation.																														
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	$0 \leq E < 40$
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Forms of Media	Slides and LCD projectors, whiteboard																														
Literature	<p>[1] Faggiano, E., Ferrara, F., Montone, A. (Eds.) 2017, <i>Innovation and Technology Enhancing Mathematics Education</i>, Springer</p> <p>[2] Leung, A., Baccaglioni-Frank, A. (Eds.) 2017, <i>Digital Technologies in Designing Mathematics Education Tasks</i>, Springer</p> <p>[3] Rosenberg, M., et.al. 2014. <i>e-Learning Strategy</i>. The Learning Guild</p> <p>[4] Horton, W. 2012. <i>E-Learning by Design</i>. A Wiley Imprint.</p> <p>[5] LMS : Moodle, Google Classroom, Edmodo, Schoology, etc</p>																														
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.
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