COURSE LEARNING PLAN

<table>
<tr><td></td><td colspan="5">UNIVERSITY OF BRAWIJAYA
FACULTY OF ANIMAL SCIENCE
DEPARTMENT OF ANIMAL SCIENCE
UNDERGRADUATE STUDY PROGRAM OF ANIMAL SCIENCE
LEARNING PLAN: LIVESTOCK AGRIBUSINESS MANAGEMENT</td></tr>
<tr><td>Course</td><td>Code</td><td>Weight (credits)</td><td>Semester</td><td colspan="2">Compilation Date</td></tr>
<tr><td>Livestock Agribusiness Management</td><td>PES60008</td><td>3 credits</td><td>5</td><td colspan="2">July 25, 2020</td></tr>
<tr><td rowspan="2">Authorization</td><td colspan="2">Course Coordinator</td><td colspan="2">Head of Undergraduate Study Program</td><td>Vice Dean 1</td></tr>
<tr><td colspan="2">Ir.Hari Dwi Utami,MS.M.Appl.Sc.Ph.D</td><td colspan="2"></td><td>Dr.Ir. Halim Natsir, MSP</td></tr>
<tr><td rowspan="3">Learning Outcome (LO)</td><td colspan="5">PLO</td></tr>
<tr><td colspan="5">1. Able to develop comprehensive insight and mindset according to the science and field of the animal industry ILO 4
2. Able to demonstrate independent, quality, and measurable performance (both quality and quantity) effectively, efficiently, and sustainably ILO 7</td></tr>
<tr><td colspan="5">CLO
1. Students are able to develop insight into livestock agribusiness management and the livestock industry
2. Students are able to plan value-added products and expand market reach
3. Students have the ability to develop managerial skills and competencies in the field of technology from upstream, on processing, downstream to livestock agroindustry</td></tr>
<tr><td>Brief Course Description</td><td colspan="5">This course consists of an understanding of agribusiness management concepts and systems, decision-making processes in agribusiness, input procurement management in agribusiness, on-farm management/cultivation and downstream management and marketing management in livestock agribusiness.</td></tr>
<tr><td>Topics</td><td colspan="5">1. Lecture/study contract, introduction in the outline of livestock agribusiness management
2. Agribusiness Management and scope
3. Livestock Agribusiness Dynamics in Indonesia
4. Agribusiness Management upstream sub-system/upstream sector/up-stream agribusiness
5. Supply Chain Management
6. Agribusiness Livestock/farm Management /on-farm
7. Partnership system/Partnership in livestock agribusiness
8. Mid-term Test
9. Livestock Production Processing Management
10. Agribusiness Management Sub-System Downstream / down-stream agribusiness
11. Financial management
12. Risk Management
13. Agroindustry Management
14. Value chain management
15. Implementation of livestock agribusiness management
16. Final Exam

Practicum: Each class consists of 8-10 groups (survey)</td></tr>
<tr><td>References</td><td colspan="5">1. Principles of Agricultural Economics (Andrew Barkley and Paul W Barkley)
2. Agribusiness Principles of Management (David Van Fleet, Ella Van Vleet, George Seperich)</td></tr>
</table>

	3. Agribusiness Management (Freddie Barnard, Jay Akridge. Frank Dooley, and John Foltz)	
Learning Media	Software	Hardware
	Software, Power Point	Laptop, LCD
Teaching Team	**1. Ir. Hari Dwi Utami,MS.M.Appl,Sc.Ph.D.IPM.ASEAN Eng** 2. Dr.Ir. Umi Wisaptiningsih,MS 3. Dr.Ir. Bambang Ali Nugroho,DEA.IPM.ASEAN Eng 4. Prof. Dr. Budi Hartono,MS.IPU.ASEAN Eng 5. Dr. Ir. MB Hariyono,MS 6. Prof.Dr.Ir.Zaenal Fanani,MS.IPU 7. Jaisy Aghniarahim Putritamara,S.Pt.,MP 8. Dr.Nanang Febrianto,S.Pt.,MP	
Prerequisite Courses	1.Introduction to Management 2. Livestock Production Economy	

Week	Sub-CLO	Indicator	Learning Material/Topic	Learning Method	Criteria & Form of Assessment	Weight of Assessment (%)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	1. Obeying the lecture contract and adapting the agreed rules in class 2. Students are able to outline management and agribusiness	1. Students follow the lecture guidelines and adapt to the rules 2. Students describe the theory of management and agribusiness in the livestock sub-sector	1. Lecture contract regarding: lecture material for 1 semester, the composition of Mid-term test, Final test, practicum, assignments, and quizzes scores 2. Understanding the theory of management and agribusiness in the livestock sub-sector	*Student-centered Learning* *Small group discussion*		
2	Students are able to analyze the current condition of agribusiness management and its scope	Students are able to analyze the current condition of livestock agribusiness management and materials related to food and fiber related boundaries	1. Functions and roles of management in the livestock agribusiness sector 2. Learning limitations of livestock agribusiness management (food and fiber)	*Student-centered Learning* *Small group discussion*		
3	Students are able to analyze the Dynamics of Livestock	Students are able to evaluate livestock agribusiness regulations	1. Policy in livestock agribusiness management	*Student-centered Learning*		

	Agribusiness in Indonesia			*Small group discussion*		
4	Students analyze upstream sub-system agribusiness management	Students are able to analyze raw material procurement management	1. Sources of raw materials 2. Method of raw materials procurement 3. Raw material handling method	*Student-centered Learning* *Small group discussion*		
5	Students analyze supply chain management	Students are able to analyze supply chain management including information, products and finance	1. Information Flow 2. Product Flow 3. Financial Flow	*Student-centered Learning* *Small group discussion*		
6	Students are able to analyze the on-farm sub-system agribusiness management	Students are able to analyze the on-farm sub-system agribusiness including cultivation management and technology	1. Livestock management 2. on-farm Technology	*Student-centered Learning* *Small group discussion*		
7	Students are able to analyze partnerships in livestock agribusiness	Students are able to analyze partnerships including types/scheme of partnership systems in livestock agribusiness	1. Partnership type 2. Partnership system	*Student-centered Learning* *Small group discussion*		
8	MID-TERM EXAM					40%
9	Students are able to determine and analyze livestock product processing management	Students are able to determine planning, organizing and controlling in accordance with SOP standards	1. Processing planning 2. Processing organization 3. Controlling processing/product quality control	*Student-centered Learning* *Small group discussion*		
10	Students are able to determine downstream sub-system agribusiness management	Students are able to determine consumer analysis, competition/competitor analysis, marketing plans/marketing channel selection	1. Consumer analysis 2. Competitor analysis 3. Marketing plan/marketing channel analysis	*Student-centered Learning* *Small group discussion*		
11	Students are able to analyze financial management	Students are able to analyze the efficiency of livestock agribusiness management from a	1. Cost Efficiency (profit and loss) 2. Break-even point	*Student-centered Learning*		

		financial basis to price determination	3. Cash flow	*Small group discussion*		
12	Students are able to analyze risk management	Students are able to analyze risk management including risks from upstream to downstream	1.Risk of Procurement of raw materials 2. Production Risk 3.Market risk 4. Financial risk 5. HR Risk 6. Legal risk/BPPOM/PIRT	*Student-centered Learning* *Small group discussion*		
13	Students are able to analyze agroindustry management	Students are able to analyze agroindustry management including upstream to downstream subsystems at the industrial level	1. Upstream management 2. Management on farm 3. Downstream management 4. Industrial marketing management	*Student-centered Learning* *Small group discussion*		
14	Students are able to analyze the value chain	Students are able to analyze the product value chain from upstream to downstream	1. Upstream value chain 2. Value chain on farm 3. Downstream value chain	*Student-centered Learning* *Small group discussion*		
15	Students are able to implement Livestock Agribusiness Management	Students are able to analyze the latest issues/new trends in livestock agribusiness management	An agribusiness journal that is in accordance with the new trend of the industrial revolution 4.0	*Study case*		
16	FINAL EXAM					40%

ASSESSMENT RUBRIC

	UNIVERSITY OF BRAWIJAYA FACULTY OF ANIMAL SCIENCE DEPARTMENT OF ANIMAL SCIENCE UNDERGRADUATE STUDY PROGRAM OF ANIMAL SCIENCE		
Course	: Livestock Agribusiness Management		
Score level	CLO and PLO	Conversion	PLO Score
PLO 1: Able to develop insight and a comprehensive mindset in accordance with the science and field of the livestock industry. CLO 1: Students are able to develop insight, plan, evaluate and be able to adapt to changes in the environmental management system of livestock agribusiness and the livestock industry			
Very Good (4)	Show the ability to develop insight, plan, evaluate and be able to adapt to changes in the environmental management system of the livestock agribusiness management system and the livestock industry **comprehensively**	80-100	1
Good (3)	Show the ability to develop insight, plan, evaluate and be able to adapt to changes in the environmental management system of the livestock agribusiness management system and the livestock industry **well**	70-79	0.75
Moderate (2)	Show **limited** ability to develop insight, plan, evaluate and be able to adapt to changes in the environmental management system of the livestock agribusiness management system and the livestock industry	60-69	0.5
Poor (1)	Show **very limited** ability to develop insight, plan, evaluate and be able to adapt to changes in the environmental management system of the livestock agribusiness management system and the livestock industry	<60	0.25
Score Level	CLO and PLO	Conversion	PLO Score
PLO 2: Able to study the implications of the development or implementation of science and technology that applies and pays attention to humanities values according to their expertise based on scientific principles, procedures and ethics in order to produce superior solutions and ideas CLO 2: Students are able to plan value-added products and expand market reach			
Very Good (4)	Show the ability to determine the value chain (added value, quality, productivity, economic value, non-economic/satisfaction) and plan **comprehensively** to expand market reach	80-100	1
Good (3)	Show the ability to determine the value chain (added value, quality, productivity, economic value, non-economic/satisfaction) and plan **well** to expand market reach	70-79	0.75
Moderate (2)	Show **limited** ability to determine the value chain (added value, quality, productivity, economic value, non-economic/satisfaction) and plan to expand market reach	60-69	0.5
Poor (1)	Show **very limited** ability to determine the value chain (added value, quality, productivity, economic value, non-economic/satisfaction) and plan to expand market reach	<60	0.25
Score Level	CLO and PLO	Conversion	PLO Score

PLO 1: Able to develop insight and a comprehensive mindset in accordance with the science and field of the livestock industry. PLO 2: Able to study the implications of the development or science and technology that pays attention to and applies humanities values according to their expertise based on scientific principles, procedures and ethics in order to produce superior solutions and ideas CLO 3: Able to develop managerial skills and competencies in the field of technology from upstream, on processing, downstream to livestock agroindustry			
Very Good (4)	Show the ability to plan, implement and evaluate livestock agroindustry from the upstream, on-processing and downstream sub-systems **comprehensively**	80-100	1
Good (3)	Show the ability to plan, implement and evaluate the livestock agroindustry from the upstream, on processing and downstream sub-systems **well**	70-79	0.75
Moderate (2)	Show **limited** ability to plan, implement and evaluate the livestock agroindustry from the upstream, on processing and downstream sub-systems	60-69	0.5
Poor (1)	Show **very limited** ability to plan, implement and evaluate the livestock agroindustry from the upstream, on processing and downstream sub-systems	<60	0.25

Formula to Calculate PLO Score: $\frac{Level\ Skor}{\sum level\ skor} \times \frac{\sum CLO}{\sum PLO}$

CLO Score Calculation

Assessed components	Component Weights	CLO Weight on the Score		
		CLO 1	CLO 2	CLO 3
Structured task	0.10	0.3	0.3	0.4
Quiz	0.10		0.3	0.7
Practicum	0.20	0.3	0.7	
Midterm Exam	0.30	0.4	0.6	
Final Exam	0.30		0.4	0.6

1. Students are able to develop insight into the management of livestock agribusiness and the livestock industry
2. Students are able to plan value-added products and expand market reach
3. Students have the ability to develop managerial skills and competencies in the field of technology from upstream, on processing, downstream to livestock agroindustry

PLO Score Calculation

CLO	CLO Score	CLO Weight	PLO	
			PLO 4	PLO 5
CLO 1			1.0	
CLO 2				1.0
CLO 3			0.4	0.6

1. Able to develop insight and a comprehensive mindset in accordance with the science and field of the livestock industry. PLO 4
2. Able to examine the implications of the development or implementation of science and technology that applies and pays attention to humanities values based on their expertise based on scientific principles, procedures and ethics in order to produce solutions, superior ideas. PLO 5

Lecture Portfolio

	UNIVERSITY OF BRAWIJAYA **FACULTY OF ANIMAL SCIENCE** **STUDY PROGRAM OF ANIMAL SCIENCE**		
Course: Livestock Agribusiness Management	Code: PES 60008	RMK:	Semester: V
Lecturer	1.Ir. Hari Dwi Utami,MS.M.Appl,Sc.Ph.D.IPM.ASEAN Eng 2.Dr.Ir. Umi Wisaptiningsih,MS 3.Dr.Ir. Bambang Ali Nugroho,DEA.IPM.ASEAN Eng 4.Prof. Dr. Budi Hartono, MS.IPU.ASEAN Eng 5.Dr. Ir. MB Hariyono,MS 6.Prof. Dr. Ir. Zaenal Fanani,MS.IPU 7.Jaisy Aghniarahim Putritamara,S.Pt.,MP 8.Dr. Nanang Febrianto,S.Pt.,MP		

Introduction (Describe the necessary explanation and experiences that have been conducted about this course)

The learning method uses *Student Center Learning*

1	**Objectives** (Describe general and specific course objectives)
	1. Students are able to develop insight into the management of livestock agribusiness and industry 2. Students are able to construct value-added products and expand market reach 3. Students are able to project managerial skills and competencies in the field of agro-industrial technology.
2	**Learning Strategies** (describe the strategy used to achieve the course objective - CLO)
	Student Center Learning
3	**Lecture Management** (describe the lecture management: lectures, tutorials, practicum, assignments, major assignments, etc.)
	Presentation
4	**Lecture Contents** (explain its suitability with the applicable curriculum)
	1. Lecture/study contract, introduction in the outline of livestock agribusiness management 2. Agribusiness Management and scope 3. Livestock Agribusiness Dynamics in Indonesia 4. Agribusiness Management upstream sub-system/upstream sector/up-stream agribusiness 5. Supply Chain Management 6. Agribusiness Livestock/farm Management /on-farm 7. Partnership system/Partnership in livestock agribusiness 8. Mid-term Test 9. Livestock Production Processing Management 10. Agribusiness Management Sub-System Downstream / down-stream

	agribusiness 11. Financial management 12. Risk Management 13. Agroindustry Management 14. Value chain management 15. Implementation of livestock agribusiness management 16. Final Exam
5	**Lecture Participants** (provide an overview of the lecture participants)
	V semester students who have taken the Management fundamentals Course and Livestock Production Economics Course
6	**Attendance Percentage** (% lecturer attendance; % student attendance)
	In accordance with the study/lecture contract
7	**Evaluation System** (explain the homework, quizzes, group assignments, practicum, etc.)
	1. Quiz 2. Group assignment 3. Practicum 4. Mid-term Test 5. Final Test
8	**Class Observation** (explain important and interesting things that were encountered during the lecture)
	Students simulate e-business practices
9	**Learning Outcomes** (explain the achievement of the objectives that have been set, also include the learning achievements that can be explained)
	Attached to the rubric
10	**Obstacles (provide an overview of the main obstacles in the learning process)**
11	**Score Distribution** (provide the score distribution following the learning achievements of this course)
	In accordance with the study contract
12	**Conclusion**
13	**Improvement Recommendations**
	Appendices:
	1. 2. Etc.

ONLINE MID-TERM TEST
2020/2021 FACULTY OF ANIMAL SCIENCE
UNIVERSITY OF BRAWIJAYA

COURSE	: **Livestock Agribusiness Management**
DATE	: Tuesday, November 3 2020
TIME	: 09.00-10.40
LECTURER	: Teaching team of Livestock Agribusiness Management

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1.1 Explain the dynamics of Beef Cattle Agribusiness in the On-Farm sub-system?
1.2. As a prospective Livestock graduate, how do you minimize these dynamics?

2. Related to the management of the "Fried Chicken" supply chain in Malang, explain:
2.1. How is the Information Flow?
2.2. How is the product flow?
2.3. How is the Financial Flow?

3 Explain briefly the relation between the current government program ("providing quality, safe and local resource-based feed") and meeting the demand for food from livestock during New Normal ("quality, healthy and safe food)"?

Good Luck!!

FINAL EXAM OF ODD SEMESTER 2020/2021

Course/class	: Livestock Agribusiness Management
Lecturer	
Test type	: Closed Book

Complete the following questions clearly and adjust them in the order of the questions.

Please Write Neatly and Minimize the Use of Pen Eraser or Tipp-ex

1. a. Explain the dynamics of the downstream agribusiness sub-system with dairy cows. And if you are a stakeholder in that commodity, what solution do you take to overcome the problem in the downstream subsystem based on the innovation and technology side that will be adopted.

2. a. Explain the concept of a virtual-based value chain in the engagement of millennial consumers for dairy cows

3. If you are a free-range chicken producer what is your concept in dealing with the lazy economy through the pandemic regarding the sale of these products

4. Explain your strategy to minimize variable costs for feed in order to be efficient in the financial management of broiler commodities and explain how the solution is to provide feed considering that basal feeds such as corn and soybean meal are imported and certainly expensive.

ILO PER STUDENT

Name	Course Code	Credit	ILO_1	ILO_2	ILO_3	ILO_4	ILO_5	ILO_6	ILO_7	ILO_8	ILO_9	ILO_10	ILO_11	ILO_12	ILO_13	Final Mark	Letter Mark
EGI ARISTIADI SETIAW	PES60008	5.1	0	0	0	33.289	36.678	0	0	0	0	0	0	0	0	32	E
TIKA SEPTI WARDANI	PES60008	5.1	0	0	0	87.651	90.498	0	0	0	0	0	0	0	0	80.6	A
MOKHAMAD SAERUL ANWAR	PES60008	5.1	0	0	0	81.611	81.03	0	0	0	0	0	0	0	0	73.1	B
SURYA MANTIKA DWI FADHLULLAH	PES60008	5.1	0	0	0	88.859	86.412	0	0	0	0	0	0	0	0	78.5	B+
INASABRILLA HENDAR DAHAYU	PES60008	5.1	0	0	0	84.43	83.123	0	0	0	0	0	0	0	0	75.2	B+
MAULIDA HANDINI	PES60008	5.1	0	0	0	92.483	92.093	0	0	0	0	0	0	0	0	83	A
AUFAR ISLAM ARSYI	PES60008	5.1	0	0	0	79.597	78.538	0	0	0	0	0	0	0	0	71	B
DIAH NUR AINI	PES60008	5.1	0	0	0	90.47	90.598	0	0	0	0	0	0	0	0	81.5	A

Color Meaning	
80 <= Score	EXCELLENT
65 <= Score < 80	SATISFACTORY
50 <= Score < 65	DEVELOPING
0 < Score < 50	UNSATISFACTORY

EUNIKE YANTI JESIKA LUMBANTOBING	PES60008	5.1	0	0	0	89.262	90698	0	0	0	0	0	0	0	0	81.2	A
PARISTIWAINI WULANDARI	PES60008	5.1	0	0	0	90.389	90.14	0	0	0	0	0	0	0	0	81.2	A
QURROTA A`YUNI	PES60008	5.1	0	0	0	86.04	85.316	0	0	0	0	0	0	0	0	77	B+
ADELIA PUTRI PALIAMANDA	PES60008	5.1	0	0	0	66.711	61.495	0	0	0	0	0	0	0	0	56.9	C
LAYLA NAFISAHTUZ ZAHRO	PES60008	5.1	0	0	0	89.463	89.601	0	0	0	0	0	0	0	0	80.6	A
SHERIL VIOLIA SEPTIALIFANTARI	PES60008	5.1	0	0	0	79.396	83.123	0	0	0	0	0	0	0	0	73.7	B
RISWANDA PARAMITHA ARNONI	PES60008	5.1	0	0	0	92.282	92.691	0	0	0	0	0	0	0	0	83.3	A
NADIA MUSTIKA SARI	PES60008	5.1	0	0	0	88.174	90.239	0	0	0	0	0	0	0	0	80.6	A
ELVI INDAH SAPUTRI	PES60008	5.1	0	0	0	82.617	85.515	0	0	0	0	0	0	0	0	76.1	B+

CHOLIFATUL ANNISA	PES60008	5.1	0	0	0	89.463	87.608	0	0	0	0	0	0	0	0	79.4	B+
PRISKA RAHMAWATI	PES60008	5.1	0	0	0	81.007	80.332	0	0	0	0	0	0	0	0	72.5	B
AINY NOVITASARI	PES60008	5.1	0	0	0	85.034	85.316	0	0	0	0	0	0	0	0	76.7	B+
WILDA ZULFI CAMELIA	PES60008	5.1	0	0	0	75.772	79.435	0	0	0	0	0	0	0	0	70.4	B
RISKI ANDAYU WIJAYANTI	PES60008	5.1	0	0	0	79.396	79.967	0	0	0	0	0	0	0	0	71.8	B
DEDE APRYLASARI	PES60008	5.1	0	0	0	86.644	87.342	0	0	0	0	0	0	0	0	78.4	B+
REFIN FITRIA ROSDIANA PUTRI	PES60008	5.1	0	0	0	70.537	73.389	0	0	0	0	0	0	0	0	65.2	C+
ERLINA YUSIPRATISTYA RAMADHANI	PES60008	5.1	0	0	0	91.477	91.927	0	0	0	0	0	0	0	0	82.6	A
APRILIA WULAN SARI	PES60008	5.1	0	0	0	88.255	86.545	0	0	0	0	0	0	0	0	78.4	B+

NADELLA APRILIANI	PES60008	5.1	0	0	0	85.839	82.757	0	0	0	0	0	0	0	0	75.4	B+
NONI ASHRI MAGHFIROH	PES60008	5.1	0	0	0	81.248	82.538	0	0	0	0	0	0	0	0	73.9	B
DESY SANDRA RHOMADONA	PES60008	5.1	0	0	0	73.597	77.854	0	0	0	0	0	0	0	0	68.8	C+
VIRA SABRINA	PES60008	5.1	0	0	0	93.49	91.429	0	0	0	0	0	0	0	0	82.9	A
DINDA NOORAFIZA LUKMAN	PES60008	5.1	0	0	0	72.953	75.183	0	0	0	0	0	0	0	0	67	C+
AYU CAHYA YULIASARI	PES60008	5.1	0	0	0	90.268	91.03	0	0	0	0	0	0	0	0	81.7	A
ANIK SULISTIYOWATI	PES60008	5.1	0	0	0	91.396	92.465	0	0	0	0	0	0	0	0	82.9	A
AISKI REKASELA	PES60008	5.1	0	0	0	81.409	80.465	0	0	0	0	0	0	0	0	72.7	B
ARINI NUR SA`ADAH	PES60008	5.1	0	0	0	86.644	83.355	0	0	0	0	0	0	0	0	76	B+
RHIFA SITI FAUZIAH ND	PES60008	5.1	0	0	0	86.644	83.355	0	0	0	0	0	0	0	0	76	B+

AHMAD ALFI NURARIFIN	PES60008	5.1	0	0	0	79.638	81.342	0	0	0	0	0	0	0	0	72.7	B
NANDA DUWI ANTIKA	PES60008	5.1	0	0	0	69.329	75.482	0	0	0	0	0	0	0	0	66.1	C+
ADINDA AYU OKTAVIANI	PES60008	5.1	0	0	0	90.268	91.03	0	0	0	0	0	0	0	0	81.7	A
GARIN NAFISAH KARINA	PES60008	5.1	0	0	0	86.644	84.352	0	0	0	0	0	0	0	0	76.6	B+
DEVY NIA FATIMAH	PES60008	5.1	0	0	0	75.772	80.266	0	0	0	0	0	0	0	0	70.9	B

CLO PER STUDENT

Name	Course Code	CLO 1	CLO 2	CLO 3	Final Mark	Letter Mark
EGI ARISTIADI SETIAW	PES60008	17.143	26.809	71.818	32	E
TIKA SEPTI WARDANI	PES60008	84	88,851	96.364	80.6	A
MOKHAMAD SAERUL ANWAR	PES60008	84	82.468	75.909	73.1	B
SURYA MANTIKA DWI FADHLULLAH	PES60008	94.286	89.362	75.909	78.5	B+
INASABRILLA HENDAR DAHAYU	PES60008	88	85.149	75.909	75.2	B+
MAULIDA HANDINI	PES60008	94.286	93.191	88.182	83	A
AUFAR ISLAM ARSYI	PES60008	82.857	80.426	71.818	71	B
DIAH NUR AINI	PES60008	91.429	91.277	88.182	81.5	A
EUNIKE YANTI JESIKA LUMBANTOBING	PES60008	88	90.255	92.273	81.2	A
PARISTIWAINI WULANDARI	PES60008	92	91.149	86.545	81.2	A
QURROTA A`YUNI	PES60008	88.571	86.809	80	77	B+
ADELIA PUTRI PALIAMANDA	PES60008	64.571	58.596	71.818	56.9	C
LAYLA NAFISAHTUZ ZAHRO	PES60008	90	90	88.182	80.6	A
SHERIL VIOLIA SEPTIALIFANTARI	PES60008	74	80.553	92.273	73.7	B
RISWANDA PARAMITHA ARNONI	PES60008	92.286	92.809	92.273	83.3	A
NADIA MUSTIKA SARI	PES60008	85.429	88.979	94.727	80.6	A
ELVI INDAH SAPUTRI	PES60008	78.571	83.617	92.273	76.1	B+
CHOLIFATUL ANNISA	PES60008	93.429	89.745	80	79.4	B+
PRISKA RAHMAWATI	PES60008	83.143	81.574	75.909	72.5	B
AINY NOVITASARI	PES60008	85.429	85.66	84.091	76.7	B+

Color Meaning	
80 <= Score	EXCELLENT
65 <= Score < 80	SATISFACTORY
50 <= Score < 65	DEVELOPING
0 < Score < 50	UNSATISFACTORY

WILDA ZULFI CAMELIA	PES60008	70.571	76.979	88.182	70.4	B
RISKI ANDAYU WIJAYANTI	PES60008	79.143	79.957	80	71.8	B
DEDE APRYLASARI	PES60008	86	87.106	88.182	78.4	B+
REFIN FITRIA ROSDIANA PUTRI	PES60008	66.571	71.532	80	65.2	C+
ERLINA YUSIPRATISTYA RAMADHANI	PES60008	91.143	91.83	92.273	82.6	A
APRILIA WULAN SARI	PES60008	91.714	88.383	80	78.4	B+
NADELLA APRILIANI	PES60008	91.714	85.83	71.818	75.4	B+
NONI ASHRI MAGHFIROH	PES60008	79.714	81.872	84.909	73.9	B
DESY SANDRA RHOMADONA	PES60008	67.143	74.723	89	68.8	C+
VIRA SABRINA	PES60008	97.429	93.489	84.091	82.9	A
DINDA NOORAFIZA LUKMAN	PES60008	70	73.83	80	67	C+
AYU CAHYA YULIASARI	PES60008	89.429	90.681	92.273	81.7	A
ANIK SULISTIYOWATI	PES60008	90	91.83	94.727	82.9	A
AISKI REKASELA	PES60008	83.714	81.745	75.909	72.7	B
ARINI NUR SA`ADAH	PES60008	92.857	86.596	71.818	76	B+
RHIFA SITI FAUZIAH ND	PES60008	92.857	86.596	71.818	76	B+
AHMAD ALFI NURARIFIN	PES60008	77.429	80.34	84.909	72.7	B
NANDA DUWI ANTIKA	PES60008	59.714	70.766	92.273	66.1	C+
ADINDA AYU OKTAVIANI	PES60008	89.429	90.681	92.273	81.7	A
GARIN NAFISAH KARINA	PES60008	91.143	86.723	75.909	76.6	B+
DEVY NIA FATIMAH	PES60008	68.857	76.894	92.273	70.9	B

ILO_CLO

Student Num. 41

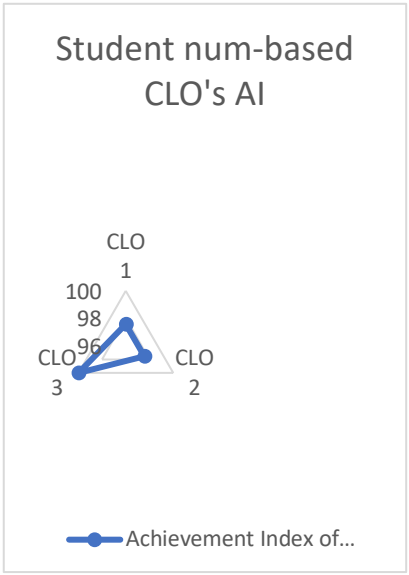
	ILO1	ILO2	ILO3	ILO4	ILO5	ILO6	ILO7	ILO8	ILO9	ILO10	ILO11	ILO12	ILO13
ILO Weight				0.298	0.602								
Weighted-Avg ILO-based AI				82.82	83.23								
				EXCELLENT	EXCELLENT								
Student Num. with ILO>55				40	40								
Stdn num-based AI				97.56	97.56								
				HIGH	HIGH								

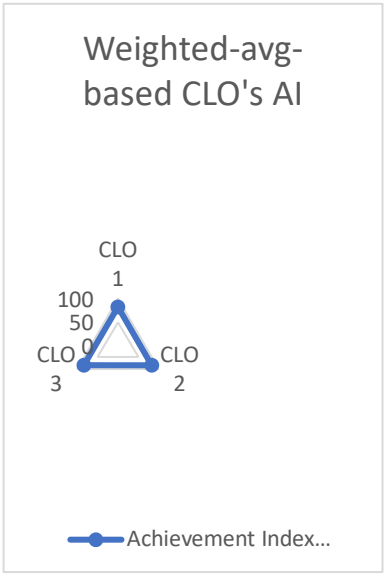
Std num-based AI	
70 <= AI	HIGH
60 <= AI < 70	MEDIUM
50 <= AI < 60	LOW
AI < 50	VERY LOW

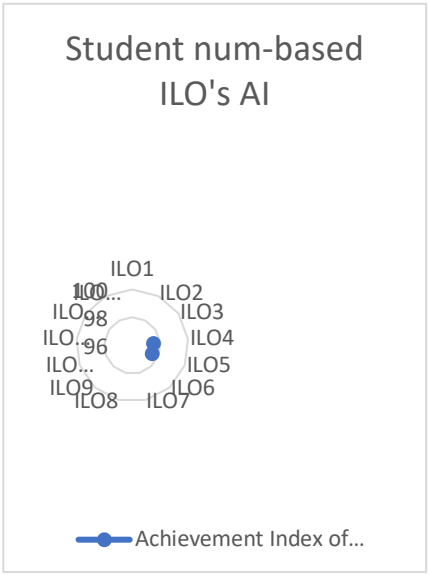
	CLO1	CLO2	CLO3	Weighted avg LO based AI	
CLO Weight	0,21	0,47	0,22	80 <= AI	EXCELLENT
Weighted avg CLO-based AI	82.39	83.06	83.83	65 <= AI < 80	SATISFACTORY
	EXCELLENT	EXCELLENT	EXCELLENT	50 <= AI < 65	DEVELOPING

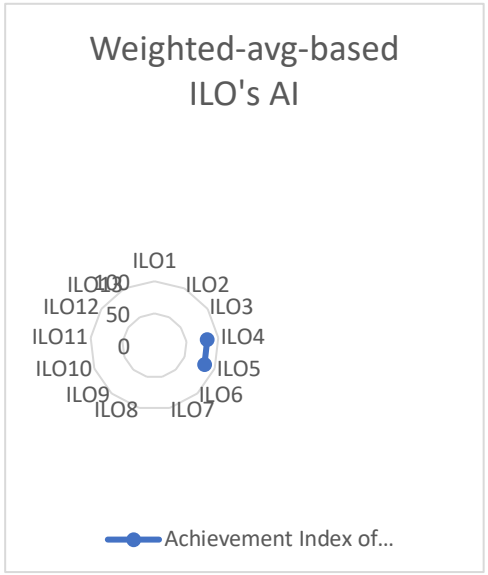
Student Num. with CLO>55	40	40	41
Std num-based AI	97.56	97.56	100
	HIGH	HIGH	HIGH

AI < 50	UNSATISFACTORY


Student num-based CLO's AI
CLO 1
CLO 2
CLO 3
100
98
96
Achievement Index of...


Weighted-avg-based CLO's AI
CLO 1
CLO 2
CLO 3
100
50
0
Achievement Index...


Student num-based ILO's AI
ILO1
ILO2
ILO3
ILO4
ILO5
ILO6
ILO7
ILO8
ILO9
100
98
96
Achievement Index of...


Weighted-avg-based ILO's AI
ILO1
ILO2
ILO3
ILO4
ILO5
ILO6
ILO7
ILO8
ILO9
ILO10
ILO11
ILO12
50
0
Achievement Index of...