Subject	Sustainable Agriculture
Module Level, if available	Undergraduate Study Program of Agrotechnology
Subject Code	MKW 60627
Type of course	Applied Science
Credits	3 credits/ 5.1 ECTS
Semester	6
Pre-requisite	Basic of Soil Science
Parallel Class	A, B, and C
Module Description	This course provides students with an in-depth understanding of the characteristics and types of integrated farming techniques based on sustainable farming systems, as well as how to assess the sustainability of an agricultural system. The final ability in this course is that students are expected to be able to master factual knowledge and the latest issues about agro-ecosystem sustainability, besides that students are also expected to be able to implement effective and efficient agro-ecosystem management based on sustainable agricultural systems as good agricultural practices and can recommend best management practices in crop production systems that pay attention to ecological aspects.
Learning Outcomes	**Course Learning Outcomes (CLO)** CLO 1: Able to develop effective and efficient sustainable farming systems as good agricultural practices CLO 2: Able to design integrated farming techniques as best management practices in plant production systems that pay attention to ecological aspects
Learning Content	After completing this subject students are able to: 1. Master the principles of the agricultural system 2. assess the sustainability of an agricultural system 3. expected to be able to implement effective and efficient agro-ecosystem management based on sustainable agricultural systems as good agricultural practices 4. can recommend best management practices in crop production systems that pay attention to ecological aspects
Aims	Students are able to apply the learning outcomes of the Sustainable Agriculture Course in plant production systems both independently and in the industrial world of the agricultural and plantation sectors
Teaching Methods	Several methods applied in this course consist of lecturing, assignment, and group presentation. All these methods are applied on 3 parallel classes
Participant	• A class: 25 students in total; 6th semester = 23 students, and 8th semester = 2 students; • B class: 36 students in total; 6th semester = 34 students, 8th semester = 1 student, and 10th semester = 1 student • C class: 33 students in total; 6th semester = 32 students, and 10th semester = 1 student

Teaching Attendance	14 meetings were completely held (100%) by lecturer and students (A, B, and C classes)
Evaluation System	Component of assessment on this course consist of regular assignment, midle semester test and final semester test, presence and practice. All these component are then combined to obtain final score. Scoring matrix and question samples are available in Appendix 1 and Appendix 2

Learning Result	• Achievement CLO in A Class
	  CLO 1 = 69,3 (Satisfactory)
	  CLO 2 = 68 (Satisfactory)
	
	• Achievement ILO in B Class
	  CLO 1 = 51,74 (Developing)
	  CLO 2 = 60,65 (Excellent)
	
	• Achievement ILO in C Class
	  CLO 1 = 58,26 (Developing)
	  CLO 2 = 70,20 (Excellent)
	
	Complete achievement on average of CLO can be seen on Appendix 3

Statistical Distribution	• A Class, score distribution: A = 16 students (64%), B = 4 students (16%), and C = 5 students (20%) • B Class, score distribution: A = 19 students (53%), B = 4 students (11%), C = 10 students (28%) and Failed = 3 students (8%) • C Class, score distribution: A = 19 students (58%), B = 5 students (15%), C = 6 students (18%) and Failed = 3 students (9%) Complete achievement on each student can be seen on Appendix 4
Teaching Observation	Materials were delivered in Indonesian. The student could understand the materials well. • In A Class: there were 5 students poor on both CLO 1 and 6 students poor on both CLO 2 • In B Class: there were 18 students poor on CLO 1 and 18 students poor on CLO 2 • In C Class: there were 12 students poor on CLO 1 and 9 students poor on CLO 2
Learning Constraints	A, B, and C Class: Lack of practice in the field makes it difficult for students to understand about sustainable agriculture
Recommendation	• A Class: Paying more attention for students who hardly understand the materials. • B Class: Paying more attention for students who hardly understand the materials. Number of students should be split in A class. So each class has same number of students. • C Class: Paying more attention for students who hardly understand the materials.

Appendix 1. Scoring Matrix

Nomenclature	Weight	Final Score	
		Letter Mark	Score average
Assignment	20%	A	80 – 100
Midle semester test	20%	B	70 - <80
Final semester test	20%	C	55 - <70
Practice	30%	D	50 - < 55
Presence	10%	E	0 - <50

Appendix 2. Question samples

1. Apart from crop cultivation practices on land plots, it is also important to consider the environment in terms of water, biodiversity, and carbon stocks when doing agricultural research. Explain what Sustainable Agriculture is and whether or not it is permissible to utilize chemical inputs in the land in this system? (CLO 1)

2. Agroforestry, horticulture, dairy, sheep and goats, fisheries, poultry, pigeons, biogas, mushrooms, poly-culture, and the utilization of plant by-products are all part of the Integrated Farming System (IFS). Which IFS model can be constructed based on the potential of your place of origin? Explain! (CLO 2)

3. Improper application of N fertilizer and organic matter on agricultural land with steep slopes has the potential to pollute water. Explain the mechanism of N element and organic matter pollution in agricultural landscapes, including what management parameters have the capacity to pollute water. What causes this pollution, and how does it happen? What can be done to prevent pollution like this? (CLO 3)

Appendix 3. Achievement of CLO

A Class

Meetings	CLO 1 (%)	CLO 2 (%)
1	69,5	
2	65	
3	69,5	
4	66	
5-6	76,5	
7, 13		59,5
8-10		71,5
11-12, 14		73
Average	69,3	68
Predicate	SATISFACTORY	SATISFACTORY

B Class

Meetings	CLO 1 (%)	CLO 2 (%)
1	49,31	
2	51,75	
3	51,74	
4	51,04	
5-6	54,86	
7, 13		54,51
8-10		62,50
11-12, 14		64,93
Average	51,74	60,65
Predicate	DEVELOPING	SATISFACTORY

C Class

Meetings	CLO 1 (%)	CLO 2 (%)
1	56,06	
2	56,44	
3	59,71	
4	58,71	
5-6	60,61	
7, 13		62,88
8-10		73,11
11-12, 14		74,62
Average	58,26	70,20
Predicate	DEVELOPING	EXCELLENT

Standard

Std num-based AI			Weighted avg LO based AI	
70 <= AI	HIGH		70 <= AI	EXCELLENT
60 <= AI < 70	MEDIUM		60 <= AI < 70	SATISFACTORY
50 <= AI < 60	LOW		50 <= AI < 60	DEVELOPING
AI < 50	VERY LOW		AI < 50	UNSATISFACTORY

Appendix 4. Achievement on each student

A Class

No.	Nomer Induk Mahasiswa	Nama Mahasiswa	SUB-CPMK/BOBOT (NILAI HARIAN)																NILAI HARIAN (Assignment) (20%)		Midle Test (20%)	Final Test (20%)	Presence (10%)	Practice (30%)	NILAI AKHIR	
			1		2		3		4		5		6		7		8		Skala 4	Skala 100					ANGKA	HURUF
			5%		5%		7,5%		5%		12,5%		15%		22,5%		27,5%									
1	21701031013	Saiful Arif Zain	3,50	0,18	3,00	0,15	3,50	0,26	3,50	0,18	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	82,5	83	100	87	86,20	A
2	21701031020	Faisal Tamin	3,00	0,15	2,50	0,13	3,00	0,23	3,00	0,15	3,50	0,44	2,50	0,38	3,00	0,68	3,50	0,96	3,10	77,50	72,5	75	100	75	77,50	B
3	21801031001	DEVIYANTI	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	93	80	100	85	87,60	A
4	21801031004	Feri Adi Kurniawan	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	80	80	100	83	83,78	A
5	21801031005	Muhammad Agung Hidayat	-	-	-	-	-	-	2,00	0,10	2,00	0,25	-	-	1,00	0,23	1,00	0,28	0,85	21,25	72	75	100	73	65,55	C
6	21801031010	Dewi Ianah	3,50	0,18	3,50	0,18	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	87,5	80	100	80	84,50	A
7	21801031011	Usagi Farrozin S	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	80,5	85	100	90	86,98	A
8	21801031012	FITA FATMA PRATAMA	3,50	0,18	3,00	0,15	3,50	0,26	3,50	0,18	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	85	80	100	83	84,90	A
9	21801031013	Muhammad Syah Rizal	3,50	0,18	3,50	0,18	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	85	80	100	83	84,90	A
10	21801031014	Al amin	-	-	1,00	0,05	-	-	-	-	2,00	0,25	-	-	1,00	0,23	1,00	0,28	0,80	20,00	72	75	100	75	66,50	C
11	21801031016	Mike Septia Putri	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	80	80	100	83	83,78	A
12	21801031017	Mochamad Alex	3,00	0,15	2,50	0,13	3,00	0,23	3,00	0,15	3,00	0,38	2,50	0,38	3,00	0,68	3,00	0,83	2,90	72,50	76,5	79	100	80	79,60	B
13	21801031018	vivi alayda fatikasari	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	82,5	80	100	80	83,38	A
14	21801031019	Fakhrurrazi	2,00	0,10	1,00	0,05	2,00	0,15	2,00	0,10	2,00	0,25	1,50	0,23	1,00	0,23	1,00	0,28	1,38	34,38	72	75	100	75	68,78	C
15	21801031020	Abdul Aji	3,00	0,15	3,00	0,15	3,00	0,23	3,00	0,15	3,00	0,38	2,50	0,38	3,00	0,68	3,00	0,83	2,93	73,13	72,5	75	100	80	78,13	B
16	21801031021	Indra Dwi Agustin	3,50	0,18	3,50	0,18	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	85	80	100	83	84,90	A
17	21801031023	lalu muhammad daud	-	-	-	-	-	-	-	-	2,00	0,25	-	-	1,00	0,23	1,00	0,28	0,75	18,75	57,5	75	100	75	62,75	C
18	21801031024	ARIFATUS SOLIHA	3,00	0,15	3,50	0,18	3,00	0,23	3,50	0,18	3,50	0,44	2,50	0,38	2,00	0,45	3,00	0,83	2,81	70,31	95	80	100	79	82,76	A
19	21801031025	Ragil Bhakti Aji	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	82,5	80	100	83	84,28	A
20	21801031028	Achmad Syamsu Ducha	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	73,5	85	100	90	85,58	A
21	21801031030	Arif Gunawan	-	-	1,00	0,05	-	-	-	-	-	-	-	-	1,00	0,23	1,00	0,28	0,55	13,75	72,5	87	100	83	63,55	C
22	21801031031	Mitha Miftahul Jannah	3,50	0,18	3,50	0,18	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,40	85,00	82,5	83	100	87	86,20	A
23	21801031032	Mila Sa'diyah Rohmah	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	84,5	80	100	80	83,78	A
24	21801031033	Moh hadziq shofiyulloh asyhad	3,00	0,15	3,00	0,15	3,00	0,23	3,00	0,15	3,00	0,38	2,50	0,38	3,00	0,68	3,00	0,83	2,93	73,13	75	75	100	80	78,63	B
25	21801031036	Didan faik fuadi	3,50	0,18	3,00	0,15	3,50	0,26	3,00	0,15	3,50	0,44	3,00	0,45	3,50	0,79	3,50	0,96	3,38	84,38	84,5	80	100	78	83,18	A
	Rata-rata		2,78	0,14	2,60	0,13	2,78	0,21	2,64	0,13	3,06	0,38	2,38	0,36	2,86	0,64	2,92	0,80								
	Konversi Skala		69,50	3,48	65,00	3,25	69,50	5,21	66,00	3,30	76,50	9,56	59,50	8,93	71,50	16,09	73,00	20,08								
			69,30								68															

% Mahasiswa tidak lulus	0%
% Mahasiswa nilai A	64%
% Mahasiswa nilai B	16%
% Mahasiswa nilai C	20%
	100%

No	No Induk Mahasiswa	Nama Mahasiswa	CLO 1	CLO 2
			Score	
1	21701031013	Saiful Arif Zain	85,00	83,33
2	21701031020	Faisal Tamin	75,00	75,00
3	21801031001	PRADITA PRIMA DEVIYANTI	87,50	87,50
4	21801031004	Feri Adi Kurniawan	82,50	83,33
5	21801031005	Muhammad Agung Hidayat	20,00	16,67
6	21801031010	Dewi Ianah	85,00	83,33
7	21801031011	Usagi Farrozin S	82,50	83,33
8	21801031012	FITA FATMA PRATAMA	85,00	83,33
9	21801031013	Muhammad Syah Rizal	85,00	83,33
10	21801031014	Al amin	15,00	16,67
11	21801031016	Mike Septia Putri	82,50	83,33
12	21801031017	Mochamad Alex	72,50	70,83
13	21801031018	vivi alayda fatikasari	82,50	83,33
14	21801031019	Fakhrurrazi	45,00	29,17
15	21801031020	Abdul Aji	75,00	70,83
16	21801031021	Indra Dwi Agustin	85,00	83,33
17	21801031023	lalu muhammad daud	10,00	16,67
18	21801031024	ARIFATUS SOLIHA	82,50	62,50
19	21801031025	Ragil Bhakti Aji	82,50	83,33
20	21801031028	Achmad Syamsu Ducha	82,50	83,33
21	21801031030	Arif Gunawan	5,00	16,67
22	21801031031	Mitha Miftahul Jannah	85,00	83,33
23	21801031032	Mila Sa'diyah Rohmah	82,50	83,33
24	21801031033	Moh hadziq shofiyulloh asyhad	75,00	70,83
25	21801031036	Didan faik fuadi	82,50	83,33
			69,3	68

B Class

No.	Numer Induk Mahasirua	Nama Mahasirua	1 (5%)		2 (5%)		3 (7,5%)		4 (5%)		5 (12,5%)		6 (15%)		7 (22,5%)		8 (27,5%)		NILAI HARIAN (Assignment)(20%) Skala 4	Skala 100	Midle Test (20%)	Final Test (20%)	Prose ace (10%)	Pract ice (30%)	ANGKA	HURUF
1	2160103005	Nova Ardiansyah	-	-	-	-	-	-	-	-	-	-	-	-	1,00	0,23	1,00	0,28	0,50	12,50	0	75	100	60	45,50	E
2	21701031090	Intan Purpa Kartika	-	-	-	-	-	-	-	-	-	-	-	-	1,00	0,23	1,00	0,28	0,50	12,50	0	0	100	60	30,50	E
3	21801031003	Bhirma vegirta putra	3,00	0,15	3,00	0,15	3,00	0,23	3,00	0,15	3,00	0,38	3,00	0,45	3,00	0,68	3,50	0,96	3,14	78,44	72,5	80	100	70	77,19	B
4	21801031006	Muhammad Fadil	-	-	-	-	1,50	0,11	-	-	-	-	1,50	0,23	1,50	0,34	1,50	0,41	1,09	27,19	75	75	100	65	64,94	C
5	21801031008	M.khoirurrozzikin	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,00	0,38	3,50	0,53	3,50	0,79	3,50	0,96	3,44	85,94	80,5	85	100	78	83,69	A
6	21801031029	Aulia Mohammad Rahman	-	-	1,00	0,05	1,00	0,08	1,00	0,05	1,00	0,13	1,00	0,15	1,00	0,23	1,00	0,28	0,95	23,75	76,5	0	100	78	53,45	D
7	21801031038	Khairun Nadhifah	3,50	0,18	3,50	0,18	3,00	0,23	3,50	0,18	3,00	0,38	3,00	0,45	3,50	0,79	3,50	0,96	3,33	83,13	87,5	83	100	85	86,23	A
8	21801031039	Sekar Putri Lisnanwati	3,50	0,18	3,50	0,18	3,50	0,26	3,00	0,15	3,00	0,38	3,50	0,53	3,50	0,79	3,50	0,96	3,41	85,31	82,5	85	100	90	87,56	A
9	21801031040	Moh Zefi	-	-	-	-	1,50	0,11	-	-	2,00	0,25	-	-	1,00	0,23	1,00	0,28	0,86	21,56	72,5	75	100	75	66,31	C
10	21801031042	Ahmadzyifour zudur al ghazi	-	-	-	-	-	-	2,00	0,10	1,00	0,13	1,00	0,15	1,00	0,23	2,00	0,55	1,15	28,75	72,5	75	100	70	66,25	C
11	21801031043	Sella Kurnia Dui Nanda	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	87,5	80	100	60	79,00	B
12	21801031045	Rama Idriar Permana	-	-	-	-	1,00	0,08	1,50	0,08	1,00	0,13	1,00	0,15	1,00	0,23	1,00	0,28	0,93	23,13	76,5	78	100	78	68,93	C
13	21801031046	Aji Fikri Leo Kuruoya	-	-	-	-	-	-	1,00	0,05	1,00	0,13	1,00	0,15	1,00	0,23	1,00	0,28	0,83	20,63	70,5	80	100	85	69,73	C
14	21801031047	Diyan Nivita Sari	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	82,5	85	100	90	88,00	A
15	21801031048	Moh abdai rathomi	-	-	-	-	2,00	0,15	-	-	-	-	-	-	1,00	0,23	2,00	0,55	0,93	23,13	70	80	100	68	65,03	C
16	21801031049	Rofix Fernanda	-	-	-	-	-	-	-	-	1,00	0,13	1,00	0,15	1,00	0,23	1,00	0,28	1,00	25,00	82,5	80	100	78	70,90	B
17	21801031050	Ahmad Waafirul aqli	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	84,5	80	100	70	81,40	A
18	21801031051	M.Deni Okpriannor	-	-	-	-	-	-	-	-	-	-	2,00	0,45	2,00	0,55	1,00	25,00	85	80	100	78	71,40	B	
19	21801031052	LUCKY HANDY ARDIANSYAH	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	84,5	83	100	85	86,50	A
20	21801031053	Elsa Rosalia L	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	84,5	83	100	85	86,50	A
21	21801031054	Feby Syaharani	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	85	85	100	90	88,50	A
22	21801031055	Eruin	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	75	83	100	85	84,60	A
23	21801031056	Ariza Alif Pradana	3,00	0,15	3,00	0,15	2,00	0,15	2,00	0,10	2,00	0,25	3,00	0,45	3,50	0,79	3,50	0,96	3,00	75,00	87,5	80	100	75	81,00	A
24	21801031057	zainal abidin	3,00	0,15	3,00	0,15	2,00	0,15	2,00	0,10	2,00	0,25	2,00	0,30	3,00	0,68	3,00	0,83	2,60	65,00	72,5	85	100	90	81,50	A
25	21801031058	Indah maulidiyah	3,00	0,15	3,00	0,15	2,00	0,15	2,00	0,10	3,00	0,38	2,00	0,30	3,00	0,45	3,50	0,96	2,64	65,94	82,5	83	100	85	81,79	A
26	21801031059	Muhammad Reza Syahrul	-	-	-	-	-	-	-	-	-	-	1,00	0,15	2,00	0,45	2,00	0,55	1,15	28,75	85,5	75	100	60	65,85	C
27	21801031060	Rahmat Samrudin	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	75	85	100	90	86,50	A
28	21801031061	Sri Ratna Ningrih	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	84,5	85	100	90	88,40	A
29	21801031062	Fenia Aknantarari	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	87,5	80	100	85	86,50	A
30	21801031065	Endah Nur Cayani	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	75	85	100	90	86,50	A
31	21801031066	Selvyana Meilanian A	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	72,5	80	100	85	83,50	A
32	21801031067	Rian Adi Pranata	-	-	-	-	-	-	-	-	2,00	0,25	1,00	0,15	1,00	0,23	1,00	0,28	0,90	22,50	75	78	100	70	66,10	C
33	21801031068	Ade Najib Rizwani	-	-	2,00	0,10	-	-	-	-	2,00	0,25	1,00	0,15	1,00	0,23	1,00	0,28	1,00	25,00	84,5	80	100	70	68,90	C
34	21801031069	Adrian Kurniawan	3,50	0,18	3,50	0,18	3,00	0,23	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,46	86,56	72,5	85	100	90	85,81	A
35	21801031070	VAN WIE BRAMASTA	-	-	-	-	-	-	-	-	-	-	-	-	1,50	0,34	2,00	0,55	0,89	22,19	72,5	78	100	78	67,94	C
36	21801031071	Mach. Ali Rurpendi	3,00	0,15	3,00	0,15	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,48	86,88	85	80	100	85	85,88	A
	Rata-rata		1,97	0,10	2,07	0,10	2,07	0,16	2,04	0,10	2,19	0,27	2,18	0,33	2,50	0,56	2,60	0,71								
	Konversi Skala 100		49,31	2,47	51,74	2,59	51,74	3,88	51,04	2,55	54,86	6,86	54,51	8,18	62,50	14,06	64,93	17,86								

51,74   60,65

	%
%Mahasirua tidak lulus	8%
%Mahasirua nilai A	53%
%Mahasirua nilai B	11%
%Mahasirua nilai C	28%

No	No Induk Mahasiswa	Nama Mahasiswa	CLO 1 Score	CLO 2 Score
1	2160103005	Nova Ardiansyah	0,00	16,67
2	21701031090	Intan Puspa Kartika	0,00	16,67
3	21801031003	Bhisma vegista putra	75,00	79,17
4	21801031006	Muhammad Fadil	7,50	37,50
5	21801031008	M.khoirurrozzikin	85,00	87,50
6	21801031029	Aulia Mohammad Rahman	20,00	25,00
7	21801031038	Khoirun Nadhifah	82,50	83,33
8	21801031039	Sekar Putri Lisnanwati	82,50	87,50
9	21801031040	Moh Zefi	17,50	16,67
10	21801031042	Ahmad syifaus sudur al ghozi	15,00	33,33
11	21801031043	Sella Kurnia Dwi Nanda	87,50	87,50
12	21801031045	Rama Idrias Permana	17,50	25,00
13	21801031046	Aji Fikri Leo Kuswoyo	10,00	25,00
14	21801031047	Diyan Nivita Sari	87,50	87,50
15	21801031048	Moh abdai rathomi	10,00	25,00
16	21801031049	Rofix Fernanda	5,00	33,33
17	21801031050	Ahmad Waafirul aqli	87,50	87,50
18	21801031051	M.Deni Okpriannor	0,00	33,33
19	21801031052	LUCKY HANDY ARDIANSYAH	87,50	87,50
20	21801031053	Elsa Rosalia L	87,50	87,50
21	21801031054	Feby Syaharani	87,50	87,50
22	21801031055	Erwin	87,50	87,50
23	21801031056	Ariza Alif Pradana	60,00	83,33
24	21801031057	zainal abidin	60,00	66,67
25	21801031058	Indah maulidiyah	65,00	62,50
26	21801031059	Muhammad Reza Syahrul	0	41,67
27	21801031060	Rahmat Samsudin	87,5	87,50
28	21801031061	Sri Ratna Ningsih	87,5	87,50
29	21801031062	Fenia Aknantasari	87,5	87,50
30	21801031065	Endah Nur Cayani	87,5	87,50
31	21801031066	Selvyana Meilanian A	87,5	87,50
32	21801031067	Rian Adi Pranata	10	25,00
33	21801031068	Ade Najib Riswani	20	25,00
34	21801031069	Adrian Kurniawan	85	87,50
35	21801031070	VAN WIE BRAMASTA	0	29,17
36	21801031071	Moch. Ali Ruspendi	85	87,50
			51,736	60,65

C Class

No.	Nomer Induk Mahasiswa	Nama Mahasiswa	1	(5%)	2	(5%)	3	(7,5%)	4	(5%)	5	(12,5%)	6	(15%)	7	(22,5%)	8	(27,5%)	Skala 4	Skala	Midle Test (20%)	Final Test (20%)	Presence (10%)	Practice (30%)	ANGKA	HURUF
1	21601021030	Faridh Ade Maizakusuma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,00	-	-	0	75	100	78	48,40	E
2	21801031027	Abdurrohman sholeh	3,00	0,15	3,50	0,18	3,50	0,26	3,00	0,15	3,50	0,44	3,50	0,53	3,00	0,68	3,00	0,83	3,20	80,00	82,5	75	100	60	75,50	B
3	21801031063	Muazim	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,00	-	-	0	80	83	78	48,70	E
4	21801031072	Ardenansa Damario Alfarel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,00	-	-	0	0	100	0	10,00	E
5	21801031073	M. Abdan Syakuro FR	-	-	-	-	-	-	-	-	-	-	3,00	0,45	3,50	0,79	3,00	0,83	2,06	51,56	90	80	100	73	76,21	B
6	21801031074	sahrul eka prasetia	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,00	0,45	3,00	0,68	3,00	0,83	3,18	79,38	73	80	100	78	79,88	B
7	21801031075	dwi mulyatiningsih	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	4,00	0,90	4,00	1,10	3,75	93,75	80	80	100	83	85,65	A
8	21801031076	Jiane Ajeng Pratiwi	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	4,00	0,90	4,00	1,10	3,75	93,75	85	80	100	83	86,65	A
9	21801031077	Ajeng Wistika Dewi	3,50	0,18	3,50	0,18	4,00	0,30	3,50	0,18	4,00	0,50	4,00	0,60	4,00	0,90	4,00	1,10	3,93	98,13	92,5	80	100	83	83,03	A
10	21801031078	Muhammad Pramyodi Erlangga	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	80	80	100	75	82,00	A
11	21801031079	Ragil Fatul Mardilina	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	80	80	100	83	84,40	A
12	21801031080	Nabaut Thoriq	-	-	-	-	3,00	0,23	3,00	0,15	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,03	77,19	82,5	75	100	60	74,34	B
13	21801031081	moh imron rosidy	-	-	-	-	-	-	-	-	-	-	-	-	2,00	0,45	2,00	0,55	1,00	25,00	82,5	85	100	67	68,60	C
14	21801031082	syahrul firmansyah	-	-	-	-	-	-	-	-	-	-	-	-	2,00	0,45	2,00	0,55	1,00	25,00	72,5	78	100	67	65,20	C
15	21801031085	SAHIDA REZA WARDANA	3,50	0,18	3,50	0,18	4,00	0,30	3,50	0,18	4,00	0,50	4,00	0,60	4,00	0,90	4,00	1,10	3,93	98,13	82,5	80	100	80	86,13	A
16	21801031086	Muhibbatul Lubabah	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	4,00	0,90	4,00	1,10	3,75	93,75	72,5	83	100	90	86,85	A
17	21801031087	indayu dwinka irawan	-	-	-	-	-	-	-	-	-	-	-	-	1,00	0,23	3,00	0,83	1,05	26,25	70	78	100	83	69,75	C
18	21801031089	Nur Iffatus S	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	4,00	0,90	4,00	1,10	3,75	93,75	80	83	100	90	88,35	A
19	21801031090	Puji Rahayu Lestari	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	4,00	0,60	4,00	0,90	4,00	1,10	3,83	95,63	95	83	100	90	91,73	A
20	21801031091	Floryant Abby Noahfarel	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	4,00	0,50	4,00	0,60	4,00	0,90	4,00	1,10	3,83	97,19	75	80	100	83	85,34	A
21	21801031092	Sagustian Futuhi Ahlaa	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	4,00	0,60	4,00	0,90	4,00	1,10	3,83	95,63	90	80	100	83	90,03	A
22	21801031093	Ahmad faqihil ghufron	3,00	0,15	3,00	0,15	3,00	0,23	3,00	0,15	3,00	0,38	3,00	0,45	4,00	0,90	4,00	1,10	3,50	87,50	80	78	100	78	82,50	A
23	21801031094	ARIS	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	4,00	1,10	3,64	90,94	85	80	100	79	84,69	A
24	21801031095	Adinda Widya Rahmawati	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	80	80	100	79	83,70	A
25	21801031096	Jupriyadi	-	-	-	-	-	-	-	-	-	-	-	-	2,00	0,45	2,00	0,55	1,00	25,00	75	75	100	65	64,50	C
26	21801031097	MUNAWIR SAJALI	2,00	0,10	2,00	0,10	2,00	0,15	2,50	0,13	2,50	0,31	2,00	0,30	3,00	0,68	3,50	0,96	2,73	68,13	82,5	80	100	79	79,83	B
27	21801031099	Ahmad Faris Romadhon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0,00	-	-	0	75	100	65	44,50	E
28	21801031100	Febriyanto	-	-	-	-	-	-	-	-	-	-	-	-	2,50	0,56	2,00	0,55	1,11	27,81	80	75	100	60	64,56	C
29	21801031103	WANDI	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	72,5	83	100	90	85,60	A
30	21801031104	Hidayatul Firda	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	82,5	83	100	90	83,60	A
31	21801031105	Aisyah Izza Virahana	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	75	83	100	83	84,00	A
32	21801031106	DWI RADITA INDAYANI	3,50	0,18	3,50	0,18	3,50	0,26	3,50	0,18	3,50	0,44	3,50	0,53	3,50	0,79	3,50	0,96	3,50	87,50	75	83	100	87	85,20	A
33	21801031107	Nurlailah	3,00	0,15	3,00	0,15	3,00	0,23	3,00	0,15	3,00	0,38	3,00	0,45	3,00	0,68	3,00	0,83	3,00	75,00	0	79	100	78	64,20	C
	Rata-rata		2,24	0,11	2,26	0,11	2,38	0,18	2,35	0,12	2,42	0,30	2,52	0,38	2,92	0,66	2,98	0,82								
	Konversi Skala		56,06	2,80	56,44	2,82	59,47	4,46	58,71	2,94	60,61	7,58	62,88	9,43	73,11	16,45	74,62	20,52								

58,26   70,20

% Mahasiswa tidak lulus	3%
% Mahasiswa nilai A	58%
% Mahasiswa nilai B	15%
% Mahasiswa nilai C	18%
	100%

No	No Induk Mahasiswa	Nama Mahasiswa	CLO 1 Score	CLO 2 Score
1	21601021030	Faridh Ade Maizakusuma	0,00	0,00
2	21801031027	Abdurrohman sholeh	82,50	79,17
3	21801031063	Muazim	0,00	0,00
4	21801031072	Ardenansa Damario Alfarel	0,00	0,00
5	21801031073	M. Abdan Syakuro FR	0,00	79,17
6	21801031074	sahrul eka prasetia	87,50	75,00
7	21801031075	dwi mulyatiningsih	87,50	95,83
8	21801031076	Jiane Ajeng Pratiwi	87,50	95,83
9	21801031077	Ajeng Wistika Dewi	92,50	100,00
10	21801031078	Muhammad Pramyodi Erlangga	87,50	87,50
11	21801031079	Ragil Fatul Mardilina	87,50	87,50
12	21801031080	Nabaut Thoriq	47,50	87,50
13	21801031081	moh imron rosidy	0,00	33,33
14	21801031082	syahrul firmansyah	0,00	33,33
15	21801031085	SAHIDA REZA WARDANA	92,50	100,00
16	21801031086	Muhibbatul Lubabah	87,50	95,83
17	21801031087	indayu dwinka irawan	0,00	33,33
18	21801031089	Nur Iffatus S	87,50	95,83
19	21801031090	Puji Rahayu Lestari	87,50	100,00
20	21801031091	Floryant Abby Noahfarel	90,00	100,00
21	21801031092	Sagustian Futuhi Ahlaa	87,50	100,00
22	21801031093	Ahmad faqihil ghufron	75,00	91,67
23	21801031094	ARIS	87,50	91,67
24	21801031095	Adinda Widya Rahmawati	87,50	87,50
25	21801031096	Jupriyadi	0,00	33,33
26	21801031097	MUNAWIR SAJALI	55	70,83
27	21801031099	Ahmad Faris Romadhon	0	0,00
28	21801031100	Febriyanto	0	37,50
29	21801031103	WANDI	87,5	87,50
30	21801031104	Hidayatul Firda	87,5	87,50
31	21801031105	Aisyah Izza Virahana	87,5	87,50
32	21801031106	DWI RADITA INDAYANI	87,5	87,50
33	21801031107	Nurlailah	75	75
			58,258	70,202