



PORTFOLIO

Department of Agribusiness

Faculty of Agriculture

University of Islam Malang

Subject	Economic math
Module Level, if available	Undergraduate Study Program of Agribusiness
Subject Code	MKW60702
Type of course	Elective course
Credits	3 credits/ 5.1 ECTS
Semester	5
Prerequisite	-
Parallel Class	A, B, C and D
Module Description	The Economics Mathematics course provides an understanding of economic and business problems quantitatively with a mathematical approach. In learning, some basic mathematical concepts such as functions, series and matrices will be explained and trained to be skilled, so that students are able to solve economic problems in agribusiness.
Learning Outcomes	The intended learning outcomes are: <ol style="list-style-type: none"> 1. Students are able to use mathematics as a tool for agribusiness economic analysis (CLO 1) 2. Students are able to use basic mathematical formulas to be applied in agribusiness economic cases ekonomi (CLO 2) 3. Students are able to apply mathematical theories to various relevant cases or problems (CLO 3) 4. Students are able to have skills that can be developed for relevant scientific development. (CLO 4)
Learning Content	After completing this subject students are able to: <ol style="list-style-type: none"> 1. Students are able to study the set, the number system 2. Student are able power, root, and logarithm, rows, functions, linear relationships 3. Students are able to study Simple Functional Differentials and Fungsi Differential Compounds 4. Students are able to study integrals and matrices.
Aims	Students have competence in applying mathematical techniques in solving economic problems in agribusiness.
Teaching Methods	Several methods applied in this course consist of lecturing, assignment, practice and group presentation. All these methods are applied on 1 parallel classes
Participant	<ul style="list-style-type: none"> • A class: 41 students from 5st semester • B class: 32 students from 5st semester • C class: 32 students from 5st semester • D class: 33 students from 5st semester
Teaching Attendance	<ul style="list-style-type: none"> • A total of 14 meetings were held totally (100%) by lecturers (class A and B) • In class A, students 41 have an attendance rate 100%. • In class B, students 32 have an attendance rate 100%. • In class C, students 32 have an attendance rate 100%. • In class D, students 33 have an attendance rate 100%.

Evaluation System	The assessment components in this course consist of attendance, structured assignments, practicum, midterm exams and final exams. All these components are then combined to get the final score. Assessment matrix and sample questions are available in Appendix 1 and Appendix 2
Learning Result	<ul style="list-style-type: none"> • Achievement ILO in A Class CLO 1 = 84,72 (Excellent) CLO 2 = 82,63 (Excellent) CLO 3 = 80,50 (Excellent) CLO 4 = 74,30 (Excellent) • Achievement ILO in B Class CLO 1 = 87,50 (Excellent) CLO 2 = 78,12 (Excellent) CLO 3 = 77,34 (Excellent) CLO 4 = 71,87 (Excellent) • Achievement ILO in C Class CLO 1 = 78,12 (Excellent) CLO 2 = 61,71 (Excellent) CLO 3 = 62,5 (Excellent) CLO 4 = 59,37 (Excellent) • Achievement ILO in D Class CLO 1 = 70,45 (Excellent) CLO 2 = 67,18 (Excellent) CLO 3 = 71,09 (Excellent) CLO 4 = 72,65 (Excellent) <p>Complete achievement on average ILO can be seen on Appendix 3</p>
Statistical Distribution	<ul style="list-style-type: none"> • A Class, Grade distribution: A = 24 students, B = 7 students, C = 0 students, D=0 Students, E=5 Students • B Class, Grade distribution: A = 19 students, B = 10 students, C = 3 students, D=0 Students, E=0 Students • C Class, Grade distribution: A = 20 students, B = 5 students, C = 2 students, D=0 Students, E= 4 Students • D Class, Grade distribution: A = 12 students, B = 14 students, C = 2 students, D=0 Students, E=5 Students <p>Complete achievements on each CLO per student can be seen in Appendix 4</p>
Teaching Observation	<p>Materials were delivered in Indonesia. The student could understand the materials well.</p> <ul style="list-style-type: none"> • In A Class: there were 2 students poor on both CLO 1, 2 student poor on both CLO 2, 2 student poor on CLO 3 • In B Class: there were 1 students poor on both CLO 2, 1 student poor on both CLO 2, 2 students poor on CLO

	<p>3</p> <ul style="list-style-type: none"> • In C Class: there were 1 students poor on both CLO 1, 1 student poor on both CLO 2, 2 students poor on CLO • In D Class: there were 1 students poor on both CLO 2, 1 student poor on both CLO 3, 1 students poor on CLO <p>4</p>
Learning Constraints	A,B,C dan D Class: Lack of practice in the field makes it difficult for students to understand the production function of production economics
Recommendation	<p>A Class: Paying more attention for students who hardly understand the materials</p> <p>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.</p> <p>C Class: Paying more attention for students who hardly understand the materials</p> <p>D 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.</p>

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. If it is known that

$$S = \{ X : X \text{ whole number, } < 20 \}$$

$$A = \{ 1,2,3,4,5 \}$$

$$B = \{ 4,5,7,8,9 \}$$

$$C = \{ 9,11,13,15,17 \}$$

Then determine:

a. $A \cup B$

d. $B \cup C$

2. Demand for an item, if the price of goods is Rp. 10,000 then the goods demanded are 20 units and if the price drops to Rp. 8,000 then the goods demanded increase to 40 units.

a. Determine the demand function,

b. Calculate the highest price so that there is no demand,

c. Count the number of items if the price of goods is free.

3. Graphic image that has the following equation:

$$f(x) = x^2 - 2x - 8$$

4. The demand function for a product is shown by $P = 20 - Q$ and the supply function $P = 2Q + 5$. The government imposes a tax of IDR 5 per unit on this product.

a. What is the market price and equilibrium amount before and after tax?

b. How much tax per unit is borne by the consumer?

c. How much tax per unit is borne by the producer?

d. How much is the total tax revenue by the government?

Appendix 3. Achievement of CLO

A Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)
1	84			
2		82		
3			80	
4				74
Average	84	82	80	74
Predicate	EXCELLENT	EXCELLENT		EXCELLENT

B Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)
1	87			
2		78		
3			77	
4				71
Average	87	78	77	71
Predicate	EXCELLENT	EXCELLENT		EXCELLENT

C Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)
1	78			
2		61		
3			62	
4				59
Average	78	61	62	59
Predicate	EXCELLENT	EXCELLENT		EXCELLENT

D class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)
1	70			
2		67		
3			71	
4				72
Average	70	67	71	72
Predicate	EXCELLENT	EXCELLENT		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 per student A Class

Matrik Rekap Nilai Akhir Mahasiswa																
No.	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)				NILAI HARIAN		UTS	UAS	Angka	HURUF				
			1	2	3	4	Skala 4	Skala 100								
1	21901032001	ELSA INDAH TIA	4	0.4	4	1.8	4	1.2	4	87.65	84	100	91.36875	A		
2	21901032002	AYU ARIFATIN	1	0.1	1	0.45	1	0.3	1	0	0	15	5.625	E		
3	21901032003	MUHAMMAD RIYADI	3	0.3	3	1.35	3	0.9	3	78.7	90	56	73.0125	B		
4	21901032004	AHMAD FAHRIL FAUZI	4	0.4	4	1.8	4	1.2	4	75.6	83	85	80.975	A		
5	21901032005	SINTIA MELINDA	3	0.3	3	1.35	3	0.9	3	72.75	80	78	76.53125	B		
6	21901032006	MUHAMMAD RIZKY NUR FAI	3	0.3	1	0.45	1	0.3	1.2	75.6	78	80	77.85	B		
7	21901032007	ELI SAFITRI	3	0.3	2	0.9	2	0.3	2	67.6	85	85	78.475	B		
8	21901032008	ALDINO RIZAL HIDAYATU	3	0.3	4	1.8	4	1.2	3.9	73.8	90	70	76.425	B		
9	21901032009	MUHAMMAD LUTFI HAKIM	3	0.3	1	0.45	1	0.3	1.2	75.6	82	72	75.85	B		
10	21901032010	MIYAHUL UYUN	4	0.4	4	1.8	4	1.2	4	73.89	80	85	79.58375	A		
11	21901032011	AJENG NUR SAFITRI	4	0.4	4	1.8	4	1.2	4	73.89	82	92	82.70875	A		
12	21901032012	EVITA OKTAVIA	4	0.4	4	1.8	4	1.2	4	73.89	84	100	86.20875	A		
13	21901032013	MAULANA AFANDI	4	0.4	4	1.8	4	1.2	4	75.6	80	90	82.1	A		
14	21901032014	NURUL ISTIQOMAH	4	0.4	1	0.45	1	0.3	1.3	75.6	90	90	84.6	A		
15	21901032015	IRA FEBRYANTI	4	0.4	4	1.8	4	1.2	4	72.5	80	93	82.0625	A		
16	21901032016	RIDHO ALFIYAS	4	0.4	4	1.8	4	1.2	4	73.89	83	96	84.45875	A		
17	21901032017	MOHAMMAD MUMTAZA AL MI	4	0.4	4	1.8	4	1.2	4	74.85	80	98	84.81875	A		
18	21901032018	MUHAMMAD REFI RAMDANA	4	0.4	4	1.8	4	1.2	4	69.85	82	89	80.06875	A		
19	21901032019	ANTON KURNIAWAN	4	0.4	4	1.8	4	1.2	4	71.1	82	100	84.6625	A		
20	21901032020	RAIHANUL FALAH AL HARI	4	0.4	2	0.9	2	0.6	2.2	67.6	81	100	83.1	A		
21	21901032021	M. KHAIRIL ISWANDI	4	0.4	4	1.8	4	1.2	4	67.21	80	100	82.70375	A		
22	21901032022	ADI SUPRIONO	4	0.4	4	1.8	2	0.6	4	75.6	82	90	82.6	A		
23	21901032023	FANIATUN	4	0.4	4	1.8	4	1.2	4	71.6	90	90	83.1	A		
24	21901032024	SULISTYAWATI	4	0.4	4	1.8	3	0.6	4	75.6	81	90	82.35	A		
25	21901032025	AAN IRAWAN	1	0.1	1	0.45	1	0.3	1	71.1	0	0	26.6625	E		
26	21901032026	NABILAH MIFTACHUL KHOI	4	0.4	4	1.8	4	1.2	4	58.98	84	100	80.6125	A		
27	21901032027	AGUNG EKA MAULANA	4	0.4	4	1.8	4	1.2	4	73.8	82	94	83.425	A		
28	21901032028	PRADILA ARUM SEKAR WAN	4	0.4	4	1.8	4	1.2	4	73.89	85	100	86.45875	A		
29	21901032029	YUDIKA PRATAMA	4	0.4	4	1.8	4	1.2	4	66.89	83	100	83.33375	A		
30	21901032030	AHMED NABIL SYAHPUTRA	4	0.4	4	1.8	4	1.2	4	61.18	80	100	80.4425	A		
31	21901032031	EKA NUR LAILI SAPUTRI	4	0.4	4	1.8	4	1.2	4	67.21	82	83	76.82875	A		
32	21901032032	ENGGAR RIZKYANA DEWI	4	0.4	4	1.8	4	1.2	4	87.65	85	86	86.36875	B		
33	21901032130	AMAR MA'RUF	3	0.3	3	1.35	3	0.9	3	78.7	75	76	76.7625	B		
34	21901032131	MOHAMMED ABDALLA IBRAH	1	0.1	1	0.45	1	0.3	1	71.1	0	0	26.6625	E		
35	21901032132	MOHAMMED ABDALMUTALB M	1	0.1	4	1.8	4	1.2	1	58.98	0	0	22.1175	E		
36	21901032133	QUSAI Y. S. ZAHDEH	1	0.1	4	1.8	4	1.2	1	73.8	0	0	27.675	E		
		rata	3.388889	0.33888889	3.305556	1.4875	3.222222	0.49583333	2.972222	0.99166667						
		konversi	84.72222	8.47222222	82.63889	37.1875	80.55556	12.3958333	74.30556	24.7916667						
														Prosentase Nilai Mahasiswa A	66.66667	%
														Prosentase Nilai Mahasiswa B	19.44444	%
														Prosentase Nilai Mahasiswa C	0	%
														Prosentase Nilai Mahasiswa D	0	%
														Prosentase Nilai Mahasiswa E	13.88889	%
														Nilai mahasiswa lulus	86.11111	%
														Nilai Mahasiswa tidak lulus	13.88889	%

No.	NPM	NAMA	CLO 1	CLO 2	CLO 3	CLO 4
1	21901032001	ELSA INDAH TIA	86	90	85	86
2	21901032002	AYU ARIFATIN	0	0	0	80
3	21901032003	MUHAMMAD RIYADI	90	100	90	80
4	21901032004	AHMAD FAHRIL FAUZI	90	90	90	90
5	21901032005	SINTIA MELINDA	90	86	83	90
6	21901032006	MUHAMMAD RIZKY NUR FAI	90	90	90	90
7	21901032007	ELI SAFITRI	70	80	80	90
8	21901032008	ALDINO RIZAL HIDAYATU	86	90	90	80
9	21901032009	MUHAMMAD LUTFI HAKIM	90	90	90	90
10	21901032010	MIYAHUL UYUN	86	90	85	86
11	21901032011	AJENG NUR SAFITRI	86	90	85	86
12	21901032012	EVITA OKTAVIA	86	90	85	86
13	21901032013	MAULANA AFANDI	90	90	90	90
14	21901032014	NURUL ISTIQOMAH	90	90	90	90
15	21901032015	IRA FEBRYANTI	90	85	89	85
16	21901032016	RIDHO ALFIYAS	86	90	85	86
17	21901032017	MOHAMMAD MUMTAZA AL MI	90	90	85	90
18	21901032018	MUHAMMAD REFI RAMDANA	83	83	82	85
19	21901032019	ANTON KURNIAWAN	90	80	90	90
20	21901032020	RAIHANUL FALAH AL HARI	70	80	80	90
21	21901032021	M. KHAIRIL ISWANDI	80	80	81	79
22	21901032022	ADI SUPRIONO	90	90	90	90
23	21901032023	FANIATUN	50	90	90	90
24	21901032024	SULISTYAWATI	90	90	90	90
25	21901032025	AAN IRAWAN	85	86	80	85
26	21901032026	NABILAH MIFTACHUL KHOI	70	72	68	67
27	21901032027	AGUNG EKA MAULANA	86	90	90	80
28	21901032028	PRADILA ARUM SEKAR WAN	86	90	85	86
29	21901032029	YUDIKA PRATAMA	80	79	80	81
30	21901032030	AHMED NABIL SYAHPUTRA	75	70	76	77
31	21901032031	EKA NUR LAILI SAPUTRI	80	80	81	79
32	21901032032	ENGGAR RIZKYANA DEWI	86	90	85	86
33	21901032130	AMAR MA'RUF	50	90	90	80
34	21901032131	MOHAMMED ABDALLA IBRAH	90	90	90	76
35	21901032132	MOHAMMED ABDALMUTALB M	50	90	90	70
36	21901032133	QUSAI Y. S. ZAHDEH	90	50	0	80

B class

Matrik Rekap Nilai Akhir Mahasiswa														
No.	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)				NILAI HARIAN			UTS	UAS	Angka	HURUF	
			1	2	3	4	Skala 4	Skala 100	30					
			skala 4*10%	skala 4 *45%	skala 4*15%	skala 4*30%	Skala 4	Skala 100	30	30				
1	21901032033	ALFINA KH A	4	0.4	2	0.9	2	0.6	2.2	87.65	82	81	83.79 A	
2	21901032034	ZAHWA N L B	3	0.3	3	1.35	3	0.9	3	0	78	58	76.74 B	
3	21901032035	VIDYA DW A	4	0.4	4	1.8	2	0.6	3.1	78.7	80	100	90.23 A	
4	21901032036	SITI MARD B	3	0.3	3	1.35	4	1.2	3.45	71.6	76	66	77.79 B	
5	21901032037	FACHRUDD B	3	0.3	3	1.35	3	0.9	3	71.75	78	63	76.89 B	
6	21901032038	ANDRIYAD B	3	0.3	3	1.35	3	0.9	3	75.6	72	63	75.3 B	
7	21901032039	HONDRI C	2	0.2	2	0.9	2	0.6	2	67.6	72	44	68.94 C	
8	21901032040	ADELIA OK A	4	0.4	2	0.9	2	0.6	2.2	73.8	82	100	90.55 A	
9	21901032041	NOR LAILA B	3	0.3	3	1.35	3	0.9	3	75.6	78	52	75.24 B	
10	21901032042	VICKY TRI B	3	0.3	3	1.35	3	0.9	3	73.89	80	66	78.09 B	
11	21901032043	M.RIDHO I C	2	0.2	3	1.35	3	0.9	2.9	69.39	78	45	68.83 C	
12	21901032044	BAIHAQI B	3	0.3	3	1.35	3	0.9	3	69.39	76	58	75.53 B	
13	21901032045	ROHMAHT A	4	0.4	4	1.8	4	1.2	4	75.6	81	100	89.8 A	
14	21901032046	VICY WAH A	4	0.4	3	1.35	3	0.9	3.1	75.6	82	71	81.39 A	
15	21901032047	SORAYA N A	4	0.4	4	1.8	4	1.2	4	72.5	82	75	82.44 A	
16	21901032048	MUHAMM B	3	0.3	2	0.9	2	0.6	2.1	73.89	80	65	79.15 B	
17	21901032049	MUHAMM C	2	0.2	2	0.9	2	0.6	2	74.85	78	40	69.85 C	
18	21901032050	RITA NUR A	4	0.4	4	1.8	4	1.2	4	69.85	82	100	90.38 A	
19	21901032051	RISTA IFTI A	4	0.4	4	1.8	4	1.2	4	71.1	80	91	87.54 A	
20	21901032052	MOCHAMIB	3	0.3	2	0.9	2	0.6	2.1	67.6	80	40	71.48 B	
21	21901032053	RIFDA ARI A	4	0.4	4	1.8	4	0.9	3.7	67.21	82	66	80.04 A	
22	21901032054	TARISA DA A	4	0.4	4	1.8	4	0.9	3.7	75.6	82	66	80.93 A	
23	21901032055	ROHMATU A	4	0.4	4	1.8	4	1.2	4	71.6	82	93	88.14 A	
24	21901032056	UMI NUR A	4	0.4	4	1.8	4	0.6	2	75.6	80	87	86.05 A	
25	21901032057	AULIA HAN A	4	0.4	4	1.8	4	1.2	4	71.1	80	67	80.21 A	
26	21901032058	CHOFIFAH A	4	0.4	4	1.8	4	1.2	4	58.98	85	100	91.14 A	
27	21901032059	NUR EKA S A	4	0.4	2	0.9	2	0	1.6	73.8	80	96	87.84 A	
28	21901032060	GILANG FA A	4	0.4	2	0.9	2	0.6	2.2	73.89	80	78	83.35 A	
29	21901032061	VIRMAN H B	3	0.3	3	1.35	3	0.9	3	66.89	78	47	72.39 B	
30	21901032062	AURA AINI A	4	0.4	4	1.8	4	1.2	4	61.18	86	86	85.83 A	
31	21901032063	RAISSA RE A	4	0.4	4	1.8	4	0.9	3.7	67.21	82	90	87.4 A	
32	21901032064	TRI OKTAV A	4	0.4	2	0.9	2	0.6	2.2	87.65	81	80	84.24 A	
		rata	3.5	0.35	3.125	1.40625	3.09375	0.8625						
		konversi	87.5	8.75	78.125	35.15625	77.34375	21.5625						
													Prosentase Nilai Mahasiswa A	
													59.375 %	
													Prosentase Nilai Mahasiswa B	
													31.25 %	
													Prosentase Nilai Mahasiswa C	
													9.375 %	
													Prosentase Nilai Mahasiswa D	
													0 %	
													Prosentase Nilai Mahasiswa E	
													0 %	
													Nilai mahasiswa lulus	
													100 %	
													Nilai Mahasiswa tidak lulus	
													0	

No.	NPM	NAMA	CLO 1	CLO 2	CLO 3	CLO 4
1	21901032033	ALFINA KHOIRUN NISA	86	90	85	86
2	21901032034	ZAHWA NURIL FIRDAUSIAH	90	50	80	60
3	21901032035	VIDYA DWI ANANDA	90	100	90	80
4	21901032036	SITI MARDZIYAH	50	90	90	90
5	21901032037	FACHRUDDIN ARIFATUZZAH	80	86	83	90
6	21901032038	ANDRIYADY	90	90	90	90
7	21901032039	HONDRI	70	80	80	90
8	21901032040	ADELIA OKTA NUR AISYAH	86	90	90	80
9	21901032041	NOR LAILA	90	90	90	90
10	21901032042	VICKY TRI WIJAYA	86	90	85	86
11	21901032043	M.RIDHO RAMADHAN	86	80	85	86
12	21901032044	BAIHAQI	86	80	85	86
13	21901032045	ROHMAHTUL HASANUN CHOL	90	90	90	90
14	21901032046	VICY WAHYU PUTRA	90	90	90	90
15	21901032047	SORAYA NUR SYIFA	90	85	89	85
16	21901032048	MUHAMMAD ABY GUSTOM ZU	86	90	85	86
17	21901032049	MUHAMMAD SISWANTORO	90	90	85	90
18	21901032050	RITA NURAINI	83	83	82	85
19	21901032051	RISTA IFTITAHUL KHOIRI	90	80	50	90
20	21901032052	MOCHAMMAD IQBAL	70	80	80	90
21	21901032053	RIFDA ARIANA PUTRI	80	80	81	79
22	21901032054	TARISA DAFFA MAULIDIA	90	90	90	90
23	21901032055	ROHMATUL UMMAH	50	90	90	90
24	21901032056	UMI NUR JANAH	90	90	90	90
25	21901032057	AULIA HANIFA	85	86	80	85
26	21901032058	CHOFIFAH PUTRI INDAHAYA	70	72	68	67
27	21901032059	NUR EKA SYAHFITRI	86	90	90	80
28	21901032060	GILANG FAJAR SETIAWAN	86	90	85	86
29	21901032061	VIRMAN HIDAYAT FEBRIAN	80	79	80	81
30	21901032062	AURA AINUN INTANY	75	70	50	77
31	21901032063	RAISSA RESWARA	80	80	81	79
32	21901032064	TRI OKTAVIANI	86	90	85	86

C Class

No.	NPM	NAMA	SUB-CPMK/BOBOT (NILAI HARIAN)				NILAI HARIAN		UTS	UAS	Angka	HURUF	
			1	2	3	4	Skala 4	Skala 100	0,3	0,3			
			skala 4*10%	skala 4 *45%	skala 4*15%	skala 4*30	Skala 4	Skala 100	0,3	0,3			
1	21601032027	RABIUL IFDLALI	E	0	0	0	0	0	87.65	0	0	2.5 E	
2	21601032055	KHAIRUDDIN	B	3	0.3	3	1.35	3	0.9	3	0	78.04 B	
3	21701032098	ADIFIAN DWI PRANATA PU	E	0	0	2	0.9	2	0.3	3	0.9	2.1 78.7 0 0 6.3 E	
4	21801032072	ARIZAL AFFANDY ZAKARIA	C	2	0.2	2	0.9	4	0.6	4	1.2	2.9 71.6 82 56 61.34 C	
5	21801032095	MOHAMMAD ALY YAHYA AVI	C	2	0.2	2	0.9	2	0.3	2	0.6	2 71.75 83 73 67.58 C	
6	21901032065	SINTA SAHRUL NASIROH	A	4	0.4	3	1.35	3	0.45	3	0.9	3.1 75.6 85 91 87.69 A	
7	21901032066	MELATI AISY FISSYROH	A	4	0.4	2	0.9	2	0.3	2	0.6	2.2 67.6 83 74 81.25 A	
8	21901032067	ALAN NURI ISLAMI	B	3	0.3	0	0	0	0	0	0.3	73.8 80 55 74.2 B	
9	21901032068	MOH DANİYAL FAHMI ABDI	B	3	0.3	3	1.35	2	0.3	1	0.3	2.25 75.6 82 62 78.7 B	
10	21901032069	SULTAN RAFISAL AHMAD F	A	4	0.4	3	1.35	3	0.45	3	0.9	3.1 73.89 80 100 89.2 A	
11	21901032070	LAILATUL ARTAVIA	A	4	0.4	3	1.35	3	0.45	3	0.9	3.1 69.39 82 100 89.8 A	
12	21901032071	MAYA AFIFAH AFIANI	A	4	0.4	3	1.35	3	0.45	3	0.9	3.1 69.39 84 100 90.55 A	
13	21901032072	NURUL IZZAH	A	4	0.4	4	1.8	4	0.6	4	1.2	4 75.6 84 100 89.34 A	
14	21901032073	ANGGA INDIAWAN YOGA PR	A	4	0.4	3	1.35	3	0.45	3	0.9	3.1 75.6 78 100 88.01 A	
15	21901032074	RICHARD AGATHA	A	4	0.4	4	1.8	4	0.6	4	1.2	4 72.5 80 96 87.55 A	
16	21901032075	FADKHUL AMAR	A	4	0.4	0	59	0	0	0	0	59.4 73.89 78 94 87.39 A	
17	21901032076	ANDI AHMAD MAULANA	A	4	0.4	4	1.8	4	0.6	4	1.2	4 74.85 84 97 90.08 A	
18	21901032077	MUIS NIZAR LUTFI	A	4	0.4	4	1.8	4	0.6	4	1.2	4 69.85 80 94 85.14 A	
19	21901032078	GILANG AWWALLUDIN NAFI	A	4	0.4	4	1.8	4	0.6	4	1.2	4 71.1 80 97 86.79 A	
20	21901032079	MUH. AKBAR	A	4	0.4	2	0.9	2	0.3	2	0.6	2.2 67.6 82 97 87.84 A	
21	21901032080	AZIZATUR ROXHMA	A	4	0.4	4	1.8	4	0.6	3	0.9	3.7 67.21 84 73 82.13 A	
22	21901032081	FANDI ACHMAD	A	4	0.4	4	1.8	4	0.6	3	0.9	3.7 75.6 82 93 88.58 A	
23	21901032082	ABIYU HADZIQUN AJHARU	A	4	0.4	4	1.8	4	0.6	4	1.2	4 71.6 83 97 89.33 A	
24	21901032083	ABDUL AZIZ ASY SYIFA`	D	1	0.1	1	0.45	1	0.15	2	0.6	1.3 75.6 0 72 50.54 D	
25	21901032084	REFANSYAH FEBIANTO	E	0	0	0	0	0	0	0	0	0 71.1 0 0 2.5 E	
26	21901032085	VIVY CORNELIA VIRDAYAN	A	4	0.4	4	1.8	4	0.6	4	1.2	4 58.98 85 74 81.7 A	
27	21901032086	ANIS MUFADHILAH	A	4	0.4	0	0	0	0	0	0	0.4 73.8 86 100 92.19 A	
28	21901032087	IRODATUL KHOIRIYAH	E	0	0	0	0	0	0	0	0	0 73.89 0 0 3.1 E	
29	21901032088	DIAN NURFITRIANA	A	4	0.4	4	1.8	4	0.6	0	0	2.8 66.89 82 87 86.5 A	
30	21901032089	DIMAS RAMADHANI	B	3	0.3	3	1.35	3	0.45	3	0.9	3 61.18 80 63 75.69 B	
31	21901032090	ALIFIA MERZA BELLA	A	4	0.4	4	1.8	4	0.6	3	0.9	3.7 67.21 80 100 89.95 A	
32	21901032091	M..CHOIRIL FARISA	B	3	0.3	0	0	0	0	2	0.6	0.9 87.65 80 60 76.14 B	
		rata		3.125	0.3125	2.46875	2.954688	2.5	0.375	2.375	0.7125		
		konversi		78.125	7.8125	61.71875	73.86719	62.5	9.375	59.375	17.8125		
												Prosentase Nilai Mahasiswa A	62.5 %
												Prosentase Nilai Mahasiswa B	15.625 %
												Prosentase Nilai Mahasiswa C	6.25 %
												Prosentase Nilai Mahasiswa D	0 %
												Prosentase Nilai Mahasiswa E	12.5 %
												Nilai mahasiswa lulus	84.375 %
												Nilai Mahasiswa tidak lulus	4

No.	NPM	NAMA	CLO 1	CLO 2	CLO 3	CLO 4
1	21601032027	RABIUL IFDLALI	86	90	85	86
2	21601032055	KHAIRUDDIN	90	90	90	90
3	21701032098	ADIFIAN DWI PRANATA PU	90	100	90	80
4	21801032072	ARIZAL AFFANDY ZAKARIA	50	90	90	90
5	21801032095	MOHAMMAD ALY YAHYA AVI	80	50	83	90
6	21901032065	SINTA SAHRUL NASIROH	90	90	90	90
7	21901032066	MELATI AISY FISSYROH	70	80	80	90
8	21901032067	ALAN NURI ISLAMI	86	90	90	80
9	21901032068	MOH DANİYAL FAHMI ABDI	90	90	90	90
10	21901032069	SULTAN RAFISAL AHMAD F	86	90	85	86
11	21901032070	LAILATUL ARTAVIA	86	80	85	86
12	21901032071	MAYA AFIFAH AFIANI	86	80	85	86
13	21901032072	NURUL IZZAH	90	90	90	90
14	21901032073	ANGGA INDIAWAN YOGA PR	90	90	90	90
15	21901032074	RICHARD AGATHA	90	85	89	85
16	21901032075	FADKHUL AMAR	86	90	85	86
17	21901032076	ANDI AHMAD MAULANA	90	90	85	90
18	21901032077	MUIS NIZAR LUTFI	83	83	82	85
19	21901032078	GILANG AWWALLUDIN NAFI	90	80	90	90
20	21901032079	MUH. AKBAR	70	80	80	90
21	21901032080	AZIZATUR ROXHMA	80	80	81	79
22	21901032081	FANDI ACHMAD	90	90	90	90
23	21901032082	ABIYU HADZIQUN AJHARU	50	90	90	90
24	21901032083	ABDUL AZIZ ASY SYIFA`	90	90	90	90
25	21901032084	REFANSYAH FEBIANTO	85	86	80	85
26	21901032085	VIVY CORNELIA VIRDAYAN	70	72	68	67
27	21901032086	ANIS MUFADHILAH	86	90	90	80
28	21901032087	IRODATUL KHOIRIYAH	86	90	85	86
29	21901032088	DIAN NURFITRIANA	80	79	80	81
30	21901032089	DIMAS RAMADHANI	75	70	76	77
31	21901032090	ALIFIA MERZA BELLA	80	80	81	79
32	21901032091	M..CHOIRIL FARISA	86	90	85	86

D class

No.	NPM	NAMA	SUB-CPMK/ROBOT (NILAI HARIAN)				NILAI HARIAN		UTS	UAS	Angka	HURUF					
			1	2	3	4	Skala 100	0.3	0.3								
1	21901032097	TAZKIA FARIDA	A	4	0.4	2	0.9	2	0.3	2	0.6	2.2	87.65	86	100	91.16	A
2	21901032098	RINDIH HALIMAH	A	4	0.4	4	1.8	4	0.6	4	1.2	4	0	85	98	91.01	A
3	21901032099	MOH FARID NUR	C	2	0.2	2	0.9	2	0.3	2	0.6	2	78.7	72	47	60.84	C
4	21901032100	NURUL LISTIANA	A	4	0.4	4	1.8	4	0.6	4	1.2	4	71.6	85	77	84.08	A
5	21901032101	KHAIRIL ANAM	B	3	0.3	3	1.35	3	0.45	3	0.9	3	71.75	72	76	77.34	B
6	21901032102	MOHAMMAD RIZQI AZIZ	B	3	0.3	4	1.8	4	0.6	4	1.2	3.9	75.6	72	75	77.39	B
7	21901032103	KUSUMA ALIFIA RAHMADIN	B	3	0.3	2	0.9	2	0.3	2	0.6	2.1	67.6	72	69	77.34	B
8	21901032104	LINGGI GAYATRI	B	3	0.3	2	0.9	2	0.3	2	0.6	2.1	73.8	80	68	78.84	B
9	21901032105	ANINDITA VERLIANA RIDH	E	0	0	4	1.8	4	0.6	4	1.2	3.6	75.6	0	0	4.4	E
10	21901032106	MOCH ALDI PUTRA PERMAT	A	4	0.4	4	1.8	4	0.6	4	1.2	4	73.89	76	76	81.56	A
11	21901032107	DIKI YUWAN TRISTANTO	B	3	0.3	4	1.8	4	0.6	4	1.2	3.9	69.39	80	73	79	B
12	21901032108	M.NADIR	A	4	0.4	4	1.8	4	0.6	4	1.2	4	69.39	78	79	82.45	A
13	21901032109	FANI NUR IDRIS	A	4	0.4	4	1.8	4	0.6	4	1.2	4	75.6	80	78	81.39	A
14	21901032110	TONY SUGIARTO	A	4	0.4	4	1.8	4	0.6	4	1.2	4	75.6	72	83	80.19	A
15	21901032111	DWI CHARISMA CANDRANI	A	4	0.4	4	1.8	4	0.6	4	1.2	4	72.5	83	100	90.83	A
16	21901032112	LUKSIYAH	C	2	0.2	2	0.9	2	0.3	2	0.6	2	73.89	78	48	57.74	C
17	21901032113	ABDUL QOHAR	B	3	0.3	3	1.35	3	0.45	3	0.9	3	74.85	72	78	78.84	B
18	21901032114	MOHAMMAD ARIF AMIRUDDI	E	0	0	0	0	2	0.3	2	0.6	0.9	69.85	0	0	5.6	E
19	21901032115	BULHARIS	B	3	0.3	3	1.35	3	0.45	3	0.9	3	71.1	72	79	79.29	B
20	21901032116	IRMAWATI	A	4	0.4	2	0.9	2	0.3	2	0.6	2.2	67.6	72	100	87.09	A
21	21901032117	ACH. MUHAJIR	E	0	0	0	0	1	0.15	3	0.9	1.05	67.21	0	0	3.8	E
22	21901032118	JAKFAR EFENDI	B	3	0.3	3	1.35	2	0.3	3	0.9	2.85	75.6	72	70	74.64	B
23	21901032119	AHMAD HILMI	B	3	0.3	3	1.35	3	0.45	3	0.9	3	71.6	72	73	77.94	B
24	21901032120	FATHULIR ROSI	B	3	0.3	3	1.35	3	0.45	2	0.6	2.7	75.6	72	70	76.59	B
25	21901032121	YAHAMID	E	0	0	0	0	2	0.3	2	0.6	0.9	71.1	0	0	15.04	E
26	21901032122	NURI SHINTA HIDAYATI	A	4	0.4	4	1.8	4	0.6	4	1.2	4	58.98	80	77	81.24	A
27	21901032123	HASHIFAH IZZA AMALIA	A	4	0.4	2	0.9	2	0.3	0	0	1.6	73.8	87	100	92.05	A
28	21901032124	ICA SAFIRA PUTRI	B	3	0.3	2	0.9	2	0.3	2	0.6	2.1	73.89	72	66	76.45	B
29	21901032125	MUCHAMMAD BURHAN ALI S	B	3	0.3	3	1.35	3	0.45	3	0.9	3	66.89	72	61	71.86	B
30	21901032126	HABIB HUSNUL KHULUQ	B	3	0.3	3	1.35	3	0.45	3	0.9	3	61.18	72	82	75.29	B
31	21901032127	SELFIAH	B	3	0.3	0	0	1	0.15	3	0.9	1.35	67.21	78	69	79.75	B
32	21901032128	RAYHAN RAFLIANSYAH	A	3	0.3	2	0.9	2	0.3	2	0.6	2.1	87.65	80	76	80.18	A
33	21901032129	MOHAMMAD FIZAR THARIQ	E	0	0	0	0	0	0	0	0	0	0	0	0	0	E
rata				2.818182	0.281818	2.6875	1.209375	2.84375	0.426563	2.90625	0.871875						
konversi				70.45455	7.045455	67.1875	30.23438	71.09375	10.66406	72.65625	21.79688						
											Prosentase Nilai Mahasiswa A		36.36364	%			
											Prosentase Nilai Mahasiswa B		42.42424	%			
											Prosentase Nilai Mahasiswa C		6.060606	%			
											Prosentase Nilai Mahasiswa D		0	%			
											Prosentase Nilai Mahasiswa E		15.15152	%			
											Nilai mahasiswa lulus		84.84848	%			
											Nilai Mahasiswa tidak lulus		15.15152	%			

No.	NPM	NAMA	CLO 1	CLO 2	CLO 3	CLO 4
1	21901032097	TAZKIA FARIDA	86	90	85	86
2	21901032098	RINDIH HALIMAH	80	50	70	30
3	21901032099	MOH FARID NUR	90	100	90	80
4	21901032100	NURUL LISTIANA	50	90	90	90
5	21901032101	KHAIRIL ANAM	80	86	83	90
6	21901032102	MOHAMMAD RIZQI AZIZ	90	90	90	90
7	21901032103	KUSUMA ALIFIA RAHMADIN	70	80	80	90
8	21901032104	LINGGI GAYATRI	86	90	90	80
9	21901032105	ANINDITA VERLIANA RIDH	90	90	90	90
10	21901032106	MOCH ALDI PUTRA PERMAT	86	90	85	86
11	21901032107	DIKI YUWAN TRISTANTO	86	80	85	86
12	21901032108	M.NADIR	86	80	85	86
13	21901032109	FANI NUR IDRIS	90	90	90	90
14	21901032110	TONY SUGIARTO	90	90	90	90
15	21901032111	DWI CHARISMA CANDRANI	90	85	89	85
16	21901032112	LUKSIYAH	86	90	85	86
17	21901032113	ABDUL QOHAR	90	90	85	90
18	21901032114	MOHAMMAD ARIF AMIRUDDI	83	83	82	85
19	21901032115	BULHARIS	90	80	90	90
20	21901032116	IRMAWATI	70	80	80	90
21	21901032117	ACH. MUHAJIR	80	80	81	79
22	21901032118	JAKFAR EFENDI	90	90	90	90
23	21901032119	AHMAD HILMI	50	90	90	90
24	21901032120	FATHULIR ROSI	90	90	90	90
25	21901032121	YAHAMID	85	86	80	85
26	21901032122	NURI SHINTA HIDAYATI	70	72	68	67
27	21901032123	HASHIFAH IZZA AMALIA	86	90	90	80
28	21901032124	ICA SAFIRA PUTRI	86	90	85	86
29	21901032125	MUCHAMMAD BURHAN ALI S	80	79	80	81
30	21901032126	HABIB HUSNUL KHULUQ	75	70	50	77
31	21901032127	SELFIAH	80	80	81	79
32	21901032128	RAYHAN RAFLIANSYAH	86	90	85	86
33	21901032129	MOHAMMAD FIZAR THARIQ	60	80	80	80