



PORTFOLIO

Department of Agribusiness

Faculty of Agriculture

University of Islam Malang

Subject	Production Economics
Module Level, if available	Undergraduate Study Program of Agribusiness
Subject Code	MKP60707
Type of course	Elective course
Credits	3 credits/ 5.1 ECTS
Semester	5
Prerequisite	-
Parallel Class	A and B
Module Description	Production economics courses are elective courses that can be taken by students with the hope of being able to examine the concepts and scope of production economics, economic theory of production, production costs, and production optimization in production processes with single and multiple inputs, input demand (derived demand), optimization production with multiple outputs, and production with time considerations
Learning Outcomes	<p>The intended learning outcomes are:</p> <ol style="list-style-type: none"> 1. Able to examine the concept and scope of the production economy (CLO 1) 2. Able to analyze and describe the economic theory of production in optimizing production (CLO 2) 3. Able to analyze single and multiple productions with the use of single and multiple inputs (CLO 3) 4. Able to analyze and review single and multiple production/output optimization (CLO 4) 5. Able to analyze the concepts and theories (CLO 5)
Learning Content	<p>After completing this subject students are able to:</p> <ol style="list-style-type: none"> 1. Students are able to examine the definition and scope of the economics of agricultural production 2. Students analyze the input-output relationship: production with one input variable 3. Students analyze the input-output relationship: Profit maximization of one input and one output 4. Students are able to analyze the calculation of costs, revenues and profits from the output side 5. Students are able to examine the pattern of input-input relationship: Production with Two Inputs 6. Students are able to examine the pattern of input-input relationship: Production with Two Inputs 7. Students are able to analyze the OUTPUT-OUTPUT RELATIONSHIP: Production and Maximization in the case of two Outputs 8. Students are able to analyze the double output substitution elasticity 9. Students are able to analyze the production process with time considerations
Aims	Students have competence in analyzing the use of input allocation to produce single/multiple outputs in agricultural production, so that it will facilitate their role later if they become managers or consultants as well as reviewers of agribusiness policies.

Teaching Methods	Several methods applied in this course consist of lecturing, assignment, practice and group presentation. All these methods are applied on 2 parallel classes
Participant	<ul style="list-style-type: none"> • A class: 40 students from 5th semester • B class: 37 students from 5th 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, 9 students out of 40 have an attendance rate of less than 100%. • In B class, 10 students out of 37 students have an attendance rate of less than 100% of the time, with one student attending less than 75% of the time.
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 = 77.00 (Excellent) CLO 2 = 91.00 (Excellent) CLO 3 = 88.00 (Excellent) CLO 4 = 88.00 (Excellent) CLO 5 = 81.00 (Excellent) • Achievement ILO in B Class CLO 1 = 77.00 (Excellent) CLO 2 = 91.00 (Excellent) CLO 3 = 86.00 (Excellent) CLO 4 = 87.00 (Excellent) CLO 5 = 79.00 (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 = 19 students, B = 15 students, C = 6 students • B Class, Grade distribution: A = 1 student, B = 26 students, C = 9 students, E = 1 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> <p>In A Class: there were 6 students poor on both CLO 1, 1 student poor on both CLO 2, 1 student poor on CLO 3 and 2 students poor on CLO 5</p> <p>In B Class: there were 7 students poor on both CLO 1, 1 student poor on both CLO 2, 2 students poor on CLO 3, 1 student poor on CLO 4 and 3 students poor on CLO 5</p>
Learning Constraints	A and B 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>

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. Explain and identify the forms of the input-output relationship in the production function, as well as draw the curves of these relationships! (score 25)
2. If the appropriate inputs and outputs are known in a production function:

X	Y
0	0
2	8
4	28
6	60
8	80
10	96
12	100
14	96
16	78

Calculate the APP and MPP and then draw the TPP, APP, and MPP curvs! (score 30)

3. Production activities are shown to be technically efficient if they maximize output by using the least amount of inputs per unit. Determine the production function's technically efficient input. $16X_2 - 4X_3 = Y$! (score 25)
4. What do the terms isocost and isoquant mean? Draw each isocost and isoquant curve! (score 20)

Appendix 3. Achievement of CLO

A Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)	CLO 5 (%)
1	77				
2		91			
3			89		
4			88		
5			86		
6				87	
7				89	
8				89	
9					81
Average	77	91	88	88.3	81
Predicate	EXCELLENT	EXCELLENT		EXCELLENT	EXCELLENT

B Class

Meetings	CLO 1 (%)	CLO 2 (%)	CLO 3	CLO 4 (%)	CLO 5 (%)
1	77				
2		91			
3			88		
4			87		
5			84		
6				84	
7				90	
8				88	
9					79
Average	77	91	86.3	87	79
Predicate	EXCELLENT	EXCELLENT	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

NO	NPM	NAME	SUB-CLO/WEIGHT										Score		Midte Test	Final Test	Final Score											
			1	2	3	4	5	6	7	8	9	Scale 4	Scale 100	Score			Letter Mark											
			5%	15%	15%	7.5%	7.5%	10%	15%	15%	10%	Scale 4	Scale 100															
1	21701032011	NURWAHDAH	2	0.1	4	0.6	4	0.6	3	0.225	4	0.3	4	0.4	4	0.6	4	0.6	2	0.2	3.625	90.625	31	65	66.11	C		
2	21701032016	BADRULLAH	4	0.2	3	0.45	4	0.6	3	0.225	3	0.225	4	0.4	4	0.6	4	0.6	3.5	0.35	3.65	91.25	60	75	77.34	B		
3	21701032017	DODIK EKA PRASETYO	2	0.1	4	0.6	4	0.6	4	0.3	3	0.225	4	0.4	2	0.3	3.5	0.525	3	0.3	3.35	83.75	48	65	67.78	C		
4	21701032018	NADIA MISBAKHUL KHOIRO	3	0.15	3.5	0.525	4	0.6	4	0.3	3	0.225	3	0.3	4	0.6	4	0.6	3	0.3	3.6	90	63	75	77.63	B		
5	21701032019	NUR CHAMILA	4	0.2	3	0.45	4	0.6	3	0.225	4	0.3	4	0.4	3.5	0.53	4	0.6	4	0.4	3.7	92.5	79	85	86.31	A		
6	21701032020	AISYAH RAMADHAN	4	0.2	4	0.6	3	0.45	4	0.3	4	0.3	4	0.4	3.5	0.53	3.5	0.525	4	0.4	3.7	92.5	78	85	86.06	A		
7	21701032024	DEFI WIDYASARI	3	0.15	3	0.45	3	0.45	3	0.225	3	0.225	3.5	0.35	3.5	0.53	4	0.6	3	0.3	3.275	81.875	97	85	86.83	A		
8	21701032025	FEBI NUR FITRIANA	4	0.2	4	0.6	3	0.45	3.5	0.263	4	0.3	3	0.3	4	0.6	4	0.6	3	0.3	3.6125	90.3125	81	85	85.99	A		
9	21701032026	MOHAMMAT ISBATUL CHOIR	4	0.2	4	0.6	3.5	0.525	4	0.3	3	0.225	4	0.4	3	0.45	4	0.6	3.5	0.35	3.65	91.25	80	85	86.09	A		
10	21701032034	NEVA LIS SAFITRI	3	0.15	4	0.6	4	0.6	3	0.225	4	0.3	3.5	0.35	4	0.6	3	0.45	2	0.2	3.475	86.875	63	75	76.45	B		
11	21701032042	LAILA NUR HA FIDHA	3	0.15	4	0.6	4	0.6	3.5	0.263	3.5	0.263	3	0.3	3.5	0.53	3.5	0.525	3	0.3	3.525	88.125	72	85	82.92	A		
12	21701032043	SYAMSUL MA'ARIF	3.5	0.175	3.5	0.525	3.5	0.525	3	0.225	3.5	0.263	3	0.3	4	0.6	4	0.6	3	0.3	3.5125	87.8125	76	85	83.80	A		
13	21701032059	AHMAD AL FARABBI	2	0.1	3	0.45	3	0.45	2.5	0.188	1	0.075	3	0.3	4	0.6	3.5	0.525	3	0.3	2.9875	74.6875	48	65	64.38	C		
14	21701032084	IZZAN FAIQOH	4	0.2	3	0.45	3	0.45	3.5	0.263	3.5	0.263	3.5	0.35	4	0.6	4	0.6	3	0.3	3.475	86.875	59	75	75.45	B		
15	21701032086	AHMAD SYAKHIL UMAM	4	0.2	3	0.45	3	0.45	3.5	0.263	3.5	0.263	4	0.4	4	0.6	3.5	0.525	3	0.3	3.45	86.25	58	75	74.97	B		
16	21701032087	BIMA FAJAR BAHARI	4	0.2	4	0.6	3	0.45	3	0.225	3	0.225	3.5	0.35	4	0.6	4	0.6	3.5	0.35	3.6	90	63	75	77.63	B		
17	21701032088	MOHAMMAD AMRU UBAILILL	3	0.15	4	0.6	3	0.45	4	0.3	3.5	0.263	3	0.3	4	0.6	3	0.45	3	0.3	3.4125	85.3125	67	75	76.87	B		
18	21701032090	SALVITA AYU MAYANGSARI	3	0.15	4	0.6	3	0.45	3	0.225	3.5	0.263	3	0.3	3.5	0.53	4	0.6	3.5	0.35	3.4625	86.5625	89	85	86.59	A		
19	21701032091	ABDUL BARRY MARSIA NOOR	3	0.15	4	0.6	4	0.6	3	0.225	3.5	0.263	4	0.4	4	0.6	3	0.45	3	0.3	3.5875	89.6875	53	75	75.01	B		
20	21701032092	WARDATUS SHOLEHAH	3	0.15	4	0.6	4	0.6	3	0.225	3.5	0.263	4	0.4	3	0.45	4	0.6	3.5	0.35	3.6375	90.9375	60	75	77.23	B		
21	21701032093	NOVITA MAULIDINA	3	0.15	4	0.6	4	0.6	3	0.225	4	0.3	3.5	0.35	3	0.45	3	0.45	3.5	0.35	3.475	86.875	88	85	86.45	A		
22	21701032096	SITI ULIN NAFIQOH	3	0.15	4	0.6	3	0.45	3	0.225	4	0.3	3	0.3	4	0.6	4	0.6	3	0.3	3.525	88.125	66	75	77.67	B		
23	21701032097	NURUL FITRIA	3	0.15	4	0.6	3	0.45	4	0.3	3.5	0.263	3.5	0.35	4	0.6	4	0.6	4	0.4	3.7125	92.8125	80	85	86.68	A		
24	21701032100	FINA MIRAYANTI	3	0.15	4	0.6	3.5	0.525	3.5	0.263	3.5	0.263	3	0.3	4	0.6	4	0.6	3	0.3	3.6	90	55	75	75.63	B		
25	21701032101	RIZA FARADIBA	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	4	0.6	3.5	0.525	3.5	0.35	3.65	91.25	82	85	86.59	A		
26	21701032102	NUR LAILI IRFAN WAHYU	3	0.15	3.5	0.525	4	0.6	3	0.225	4	0.3	4	0.4	4	0.6	4	0.6	3	0.3	3.7	92.5	77	85	85.81	A		
27	21701032106	M. FAUZAN AKMALUDIN	2	0.1	3	0.45	3	0.45	3	0.225	3	0.225	3	0.3	3	0.45	4	0.6	3	0.3	3.1	77.5	57	65	67.69	C		
28	21701032107	NIMADE PUTRI AGUSTINI	3	0.15	3	0.45	3.5	0.525	4	0.3	3.5	0.263	4	0.4	4	0.6	4	0.6	4	0.4	3.6875	92.1875	75	85	85.20	A		
29	21701032109	ARIYADI	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3.5	0.35	4	0.6	3	0.45	3.5	0.35	3.7	92.5	75	85	85.31	A		
30	21701032110	M. IMAM MUSTOFA	2	0.1	3	0.45	4	0.6	4	0.3	4	0.3	3.5	0.35	3.5	0.53	3	0.45	3	0.3	3.375	84.375	45	65	67.27	C		
31	21701032111	NATASHA ANGELINE	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3.5	0.35	3	0.45	3	0.45	3.5	0.35	3.55	88.75	85	85	86.41	A		
32	21701032112	SURYADI	2	0.1	4	0.6	4	0.6	3	0.225	3.5	0.263	3.5	0.35	3.5	0.53	3.5	0.525	3	0.3	3.4875	87.1875	55	75	74.57	B		
33	21701032114	SHIVARA YAN FIRDAUSYA	3	0.15	3.5	0.525	4	0.6	4	0.3	3	0.225	4	0.4	3	0.45	3	0.45	3.5	0.35	3.45	86.25	68	75	77.47	B		
34	21701032115	SHINTA PRAMESTI SURYO	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3	0.3	3	0.45	4	0.6	4	0.4	3.7	92.5	70	85	84.06	A		
35	21701032116	NUR KHABIBATUR ROHMAH	3	0.15	3.5	0.525	3	0.45	4	0.3	4	0.3	3	0.3	3	0.45	3	0.45	3	0.3	3.225	80.625	98	85	86.61	A		
36	21701032117	MUHAMMAD NAILUL ACSHO	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	3	0.45	3	0.45	3	0.3	3.375	84.375	63	75	75.52	B		
37	21701032118	FEBRIANTI MAGGELLANG	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	3.5	0.53	3	0.45	4	0.4	3.55	88.75	79	85	84.91	A		
38	21701032120	SITI NURHALIZA	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	4	0.4	4	0.6	3	0.45	3	0.3	3.625	90.625	78	85	85.36	A		
39	21701032125	ADI PRIMA PUTRA	3	0.15	3	0.45	3	0.45	4	0.3	4	0.3	4	0.4	3	0.45	3	0.45	3	0.3	3.25	81.25	58	75	73.09	B		
40	21701032127	HASAN AZZAKI AL ASKARI	3	0.15	2	0.3	2	0.3	4	0.3	3	0.225	3	0.3	3	0.45	3	0.45	3	0.3	2.775	69.375	43	65	61.14	C		
Average			3.063	0.1531	3.64	0.546	3.55	0.533	3.53	0.264	3.45	0.259	3.48	0.348	3.6	0.54	3.56	0.534	3.225	0.323								
Conversion			76.56	3.8281	90.9	13.64	88.8	13.31	88.1	6.609	86.3	6.469	86.9	8.688	89	13.4	89.1	13.36	80.63	8.063								
Percentage																												
																					Percentage : Passed		100.00 %					
																					Percentage : Failed		0.00 %					
																					Percentage : Score A		47.50 %					
																					Percentage : Score B		37.50 %					
																					Percentage : Score C		15.00 %					
																					Percentage : Score D		0.00 %					
																					Percentage : Score E		0.00 %					

NO	NPM	NAME	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
			score	score	score	score	score
1	21701032011	NURWAHIDAH	50	100	91.7	100	50
2	21701032016	BADRULLAH	100	75	83.3	100	87.5
3	21701032017	DODIK EKA PRASETYO	50	100	91.7	79.17	75
4	21701032018	NADIA MISBAKHUL KHOIRO	75	87.5	91.7	91.67	75
5	21701032019	NUR CHAMILA	100	75	91.7	95.83	100
6	21701032020	AISYAH RAMADHANI	100	100	91.7	91.67	100
7	21701032024	DEFI WIDIYASARI	75	75	75	91.67	75
8	21701032025	FEBI NUR FITRIANA	100	100	87.5	91.67	75
9	21701032026	MOHAMMAT ISBATUL CHOIR	100	100	87.5	91.67	87.5
10	21701032034	NEVA LIS SAFITRI	75	100	91.7	87.5	50
11	21701032042	LAILA NUR HAFIDHA	75	100	91.7	83.33	75
12	21701032043	SYAMSUL MA`ARIF	87.5	87.5	83.3	91.67	75
13	21701032059	AHMAD AL FARABBI	50	75	54.2	87.5	75
14	21701032084	IZZAN FAIQOH	100	75	83.3	95.83	75
15	21701032086	AHMAD SYAEKHUL UMAM	100	75	83.3	95.83	75
16	21701032087	BIMA FAJAR BAHARI	100	100	75	95.83	87.5
17	21701032088	MOHAMMAD AMRU UBAIDILL	75	100	87.5	83.33	75
18	21701032090	SALVITA AYU MAYANGSARI	75	100	79.2	87.5	87.5
19	21701032091	ABDUL BARRY MARSIA NOOR	75	100	87.5	91.67	75
20	21701032092	WARDATUS SHOLEHAH	75	100	87.5	91.67	87.5
21	21701032093	NOVITA MAULIDINA	75	100	91.7	79.17	87.5
22	21701032096	SITI ULIN NAFIQOH	75	100	83.3	91.67	75
23	21701032097	NURUL FITRIA	75	100	87.5	95.83	100
24	21701032100	FINA MIRAYANTI	75	100	87.5	91.67	75
25	21701032101	RIZA FARADIBA	75	100	91.7	87.5	87.5
26	21701032102	NUR LAILI`IRFAN WAHYU	75	87.5	91.7	100	75
27	21701032106	M. FAUZAN AKMALUDIN	50	75	75	83.33	75
28	21701032107	NI MADE PUTRI AGUSTINI	75	75	91.7	100	100
29	21701032109	ARIYADI	75	100	100	87.5	87.5
30	21701032110	M. IMAM MUSTOFA	50	75	100	83.33	75
31	21701032111	NATASHA ANGELINE	75	100	100	79.17	87.5
32	21701032112	SURYADI	50	100	87.5	87.5	75
33	21701032114	SHIVARA YAN FIRDAUSYA	75	87.5	91.7	83.33	87.5
34	21701032115	SHINTA PRAMESTI SURYO	75	100	100	83.33	100
35	21701032116	NUR KHABIBATUR ROHMAH	75	87.5	91.7	75	75
36	21701032117	MUHAMMAD NAILUL AQSHO	75	100	91.7	75	75
37	21701032118	FEBRIANTI MAGGELLANG	75	100	91.7	79.17	100
38	21701032120	SITI NURHALIZA	75	100	91.7	91.67	75
39	21701032125	ADI PRIMA PUTRA	75	75	91.7	83.33	75
40	21701032127	HASAN AZZAKI AL ASKARI	75	50	75	75	75

B Class

NO	NPM	NAMA	SUB-CPMK/BOC																		NILAI HARIAN		UTS	UAS	NILAI AKHIR	
			1		2		3		4		5		6		7		8		9		Skala 4	Skala 100			ANGKA	HURUF
			1	5%	15%	15%	15%	7.5%	7.5%	10%	15%	15%	10%	15%	15%	10%	15%	10%	15%							
1	21701032002	WIDYATI	2	0.1	4	0.6	4	0.6	3	0.225	4	0.3	4	0.4	4	0.6	4	0.6	2	0.2	3.625	90.625	49	75	74.36	B
2	21701032004	FIDELINO CARVALHO	4	0.2	3	0.45	4	0.6	3	0.225	3	0.225	4	0.4	4	0.6	4	0.6	3.5	0.35	3.65	91.25	61	75	77.59	B
3	21701032007	MOH. NANDA AL AZIZ	2	0.1	4	0.6	4	0.6	4	0.3	3	0.225	4	0.4	2	0.3	3.5	0.525	3	0.3	3.35	83.75	35	65	64.53	C
4	21701032009	NOVIA KRISTIANINGSH	3	0.15	3.5	0.525	4	0.6	4	0.3	3	0.225	3	0.3	4	0.6	4	0.6	3	0.3	3.6	90	51	75	74.63	B
5	21701032010	SOFIANSYAH	1	0.05	1	0.15	1	0.15	3	0.225	1	0.075	1	0.1	3.5	0.53	1	0.15	1	0.1	1.525	38.125	25	0	20.55	E
6	21701032012	SUPARDI	4	0.2	4	0.6	3	0.45	4	0.3	4	0.3	4	0.4	3.5	0.53	3.5	0.525	4	0.4	3.7	92.5	39	65	68.81	C
7	21701032027	IZZA NALATUL IFAZAH	3	0.15	3	0.45	3	0.45	3	0.225	3	0.225	3.5	0.35	3.5	0.53	4	0.6	3	0.3	3.275	81.875	62	75	74.33	B
8	21701032030	DAVID PRASEYO ADI CAH	4	0.2	4	0.6	3	0.45	3.5	0.263	4	0.3	3	0.3	4	0.6	4	0.6	3	0.3	3.6125	90.3125	42	65	68.74	C
9	21701032036	SATRIA HIDA YAT	4	0.2	4	0.6	3.5	0.525	4	0.3	3	0.225	4	0.4	3	0.45	4	0.6	3.5	0.35	3.65	91.25	62	75	77.84	B
10	21701032038	ADE SUKMA PANEMUAN	3	0.15	4	0.6	4	0.6	3	0.225	4	0.3	3.5	0.35	4	0.6	3	0.45	2	0.2	3.475	86.875	44	65	67.95	C
11	21701032040	SACICO DESI ANDRIANI	3	0.15	4	0.6	4	0.6	3.5	0.263	3.5	0.263	3	0.3	3.5	0.53	3.5	0.525	3	0.3	3.525	88.125	55	75	74.92	B
12	21701032045	MUHAMMAD FAJAR MALANA	3.5	0.175	3.5	0.525	3.5	0.525	3	0.225	3.5	0.263	3	0.3	4	0.6	4	0.6	3	0.3	3.5125	87.8125	40	65	67.30	C
13	21701032046	ALI MAS'UD	2	0.1	3	0.45	3	0.45	2.5	0.188	1	0.075	3	0.3	4	0.6	3.5	0.525	3	0.3	2.9875	74.6875	65	75	72.38	B
14	21701032047	ANITA SARI	4	0.2	3	0.45	3	0.45	3.5	0.263	3.5	0.263	3.5	0.35	4	0.6	4	0.6	3	0.3	3.475	86.875	43	65	67.70	C
15	21701032048	DWI JA YANTI MANDA SARI	4	0.2	3	0.45	3	0.45	3.5	0.263	3.5	0.263	4	0.4	4	0.6	3.5	0.525	3	0.3	3.45	86.25	50	75	72.97	B
16	21701032049	META ROSALINA	4	0.2	4	0.6	3	0.45	3	0.225	3	0.225	3.5	0.35	4	0.6	4	0.6	3.5	0.35	3.6	90	66	75	78.38	B
17	21701032050	TALUFIQ FIRMANSYAH	3	0.15	4	0.6	3	0.45	4	0.3	3.5	0.263	3	0.3	4	0.6	3	0.45	3	0.3	3.4125	85.3125	60	75	75.12	B
18	21701032051	AINAYA PUTRI MAGFIROH	3	0.15	4	0.6	3	0.45	3	0.225	3.5	0.263	3	0.3	3.5	0.53	4	0.6	3.5	0.35	3.4625	86.5625	55	75	74.34	B
19	21701032054	ALDY FERDAN MAHESTA JA	3	0.15	4	0.6	4	0.6	3	0.225	3.5	0.263	4	0.4	4	0.6	3	0.45	3	0.3	3.5875	89.6875	37	65	67.26	C
20	21701032055	MILKA SILVIA C.D	3	0.15	4	0.6	4	0.6	3	0.225	3.5	0.263	4	0.4	3	0.45	4	0.6	3.5	0.35	3.6375	90.9375	56	75	76.23	B
21	21701032058	ADI PUTRA PRATAMA	3	0.15	4	0.6	4	0.6	3	0.225	4	0.3	3.5	0.35	3	0.45	3	0.45	3.5	0.35	3.475	86.875	52	75	73.70	B
22	21701032060	MUHAMMAD QORY FAUZI	3	0.15	4	0.6	3	0.45	3	0.225	4	0.3	3	0.3	4	0.6	4	0.6	3	0.3	3.525	88.125	48	75	73.17	B
23	21701032066	NURUL HANFAH	3	0.15	4	0.6	3	0.45	4	0.3	3.5	0.263	3.5	0.35	4	0.6	4	0.6	4	0.4	3.7125	92.8125	52	75	75.93	B
24	21701032067	DIDI SURYADIN	3	0.15	4	0.6	3.5	0.525	3.5	0.263	3.5	0.263	3	0.3	4	0.6	4	0.6	3	0.3	3.6	90	49	75	74.13	B
25	21701032068	MUHAMMAD RIFKI	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	4	0.6	3.5	0.525	3.5	0.35	3.65	91.25	55	75	76.09	B
26	21701032069	MUHAMMAD ROJABI THOYAL	3	0.15	3.5	0.525	4	0.6	3	0.225	4	0.3	4	0.4	4	0.6	4	0.6	3	0.3	3.7	92.5	43	65	69.81	C
27	21701032070	SYARIF HIDA YATULLAH	2	0.1	3	0.45	3	0.45	3	0.225	3	0.225	3	0.3	3	0.45	4	0.6	3	0.3	3.1	77.5	42	65	63.94	C
28	21701032072	MARISSA TSANIA EL WARD	3	0.15	3	0.45	3.5	0.525	4	0.3	3.5	0.263	4	0.4	4	0.6	4	0.6	4	0.4	3.6875	92.1875	63	75	78.45	B
29	21701032073	FANDY	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3.5	0.35	4	0.6	3	0.45	3.5	0.35	3.7	92.5	66	75	79.31	B
30	21701032075	SITI AISYAH KOMALA	2	0.1	3	0.45	4	0.6	4	0.3	4	0.3	3.5	0.35	3.5	0.53	3	0.45	3	0.3	3.375	84.375	55	75	73.52	B
31	21701032076	SYAFAROTUL KIROMAH	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3.5	0.35	3	0.45	3	0.45	3.5	0.35	3.55	88.75	68	85	82.16	A
32	21701032077	ISNAWIYAH	2	0.1	4	0.6	4	0.6	3	0.225	3.5	0.263	3.5	0.35	3.5	0.53	3.5	0.525	3	0.3	3.4875	87.1875	50	75	73.32	B
33	21701032078	JOKO SUJATMKO	3	0.15	3.5	0.525	4	0.6	4	0.3	3	0.225	4	0.4	3	0.45	3	0.45	3.5	0.35	3.45	86.25	57	75	74.72	B
34	21701032079	YULI ARSHI	3	0.15	4	0.6	4	0.6	4	0.3	4	0.3	3	0.3	3	0.45	4	0.6	4	0.4	3.7	92.5	47	75	74.56	B
35	21701032080	MOHAMMAD HANIF ADHAWUA	3	0.15	3.5	0.525	3	0.45	4	0.3	4	0.3	3	0.3	3	0.45	3	0.45	3	0.3	3.225	80.625	49	75	70.61	B
36	21701032081	DWI ISM AZZAH	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	3	0.45	3	0.45	3	0.3	3.375	84.375	63	75	75.52	B
37	21701032082	ZUHRUFI INDANA HUSNA	3	0.15	4	0.6	4	0.6	4	0.3	3	0.225	3	0.3	3.5	0.53	3	0.45	4	0.4	3.55	88.75	52	75	74.41	B
Average			2.986	0.1493	3.64	0.545	3.514	0.527	3.49	0.261	3.38	0.253	3.38	0.338	3.6	0.54	3.53	0.529	3.162	0.316						
Conversion			74.66	3.7331	90.9	13.63	87.84	13.18	87.2	6.537	84.5	6.334	84.5	8.446	90	13.5	88.2	13.23	79.05	7.905						
Percentage																						Percentage : Passed			97.30	%
																						Percentage : Failed			0.00	%
																						Percentage : Score A			2.70	%
																						Percentage : Score B			70.27	%
																						Percentage : Score C			24.32	%
																						Percentage : Score D			0.00	%
																						Percentage : Score E			2.70	%

NO	NPM	NAME	CLO 1	CLO 2	CLO 3	CLO 4	CLO 5
			score	score	score	score	score
1	21701032002	WIDYATI	50	100	91.7	100.0	50
2	21701032004	FIDELINO CARVALHO	100	75	83.3	100.0	87.5
3	21701032007	MOH. NANDA AL AZIZ	50	100	91.7	79.2	75
4	21701032009	NOVIA KRISTIANINGSIH	75	87.5	91.7	91.7	75
5	21701032010	SOFIANSYAH	25	25	41.7	45.8	25
6	21701032012	SUPARDI	100	100	91.7	91.7	100
7	21701032027	IZZA NAILATUL IFAZAH	75	75	75.0	91.7	75
8	21701032030	DAVID PRASETYO ADI CAH	100	100	87.5	91.7	75
9	21701032036	SATRIA HIDAYAT	100	100	87.5	91.7	87.5
10	21701032038	ADE SUKMA PANEMUAN	75	100	91.7	87.5	50
11	21701032040	SACICO DESI ANDRIANI	75	100	91.7	83.3	75
12	21701032045	MUHAMMAD FAJAR MAULANA	87.5	87.5	83.3	91.7	75
13	21701032046	ALI MAS'UD	50	75	54.2	87.5	75
14	21701032047	ANITA SARI	100	75	83.3	95.8	75
15	21701032048	DWI JAYANTI MANDA SARI	100	75	83.3	95.8	75
16	21701032049	META ROSALINA	100	100	75.0	95.8	87.5
17	21701032050	TAUFIQ FIRMANSYAH	75	100	87.5	83.3	75
18	21701032051	AINAYA PUTRI MAGFIROH	75	100	79.2	87.5	87.5
19	21701032054	ALDY FERDIAN MAHESTA JA	75	100	87.5	91.7	75
20	21701032055	MILKA SILVIA C.D.	75	100	87.5	91.7	87.5
21	21701032058	ADI PUTRA PRATAMA	75	100	91.7	79.2	87.5
22	21701032060	MUHAMMAD QORY FAUZI	75	100	83.3	91.7	75
23	21701032066	NURUL HANIFAH	75	100	87.5	95.8	100
24	21701032067	DIDI SURYADIN	75	100	87.5	91.7	75
25	21701032068	MUHAMMAD RIFKI	75	100	91.7	87.5	87.5
26	21701032069	MUHAMMAD ROJABI THOYAL	75	87.5	91.7	100.0	75
27	21701032070	SYARIF HIDAYATULLAH	50	75	75.0	83.3	75
28	21701032072	MARISSA TSANIA EL WARD	75	75	91.7	100.0	100
29	21701032073	FANDY	75	100	100.0	87.5	87.5
30	21701032075	SITI AISYAH KOMALA	50	75	100.0	83.3	75
31	21701032076	SYAFAROTUL KIROMAH	75	100	100.0	79.2	87.5
32	21701032077	ISNAWIYAH	50	100	87.5	87.5	75
33	21701032078	JOKO SUJATMIKO	75	87.5	91.7	83.3	87.5
34	21701032079	YULI ARSIH	75	100	100.0	83.3	100
35	21701032080	MOHAMAD HANIF ADHAWIJA	75	87.5	91.7	75.0	75
36	21701032081	DWI ISMI AZIZAH	75	100	91.7	75.0	75
37	21701032082	ZUHRUFI INDANA HUSNA	75	100	91.7	79.2	100