



SEMESTER LEARNING PLAN (RPS)

Courses	Socio economic Mathematics
Semester	I (One)
Course Code	MKW60702
College Courses	Agribusiness Management
MK Preconditions	-
RPS Developer Lecturer	Dr. Dwi Susilowati, SP., MP
Mk Master Lecturer	Anugrah Rizki Pratama, SP., MP.
Authentication Date	
Courses	Agribusiness
Faculty	Agriculture

ISLAMIC UNIVERSITY OF MALANG 2019



ISLAMIC UNIVERSITY OF MALANG

FACULTY OF AGRICULTURE

AGRIBUSINESS STUDY PROGRAM

SEMESTER LEARNING PLAN (RPS)

Courses/Semesters	Master Lecturer	Course Code	Credit Weight: 3
Socio economic Mathematics	Anugrah Rizki Pratama, SP., MP.	MKW60702	Theory: 60 %Practice: 40 %
Authorization/Endorsement	RPS Developer Lecturer	Head of Study Program	Vice Dean I
	Dr. Dwi Susilowati, SP., MP	Dr. Dwi Susilowati, S.P., M.P.	Dr. Ir. Anis Sholihah, M.P.
Learning Achievements	Graduate Learning Achievement (ILO) Study Program Charged to Courses		
	ILO 1 Able to respond to problems regarding entrepreneurship, agribusiness, and green <i>food</i>		
	ILO 2 Able to break the rules / principles of agribusiness, social sciences, economics, and agricultural engineering as the foundation of innovative Agribusiness disciplines		
	Learning Achievement Courses (CP-MK)		
	CPMK 1. Students are able to use mathematics as a tool of agribusiness economic analysis		
	CPMK 2. Students are able to use basic mathematical formulas to be applied in the case of agribusiness economics		
	CPMK 3. Students are able to apply mathematical theory to a variety of relevant cases or problems.		
	CPMK 4. Students are able to have skills that can be developed for the development of relevant science.		

Course Output	Understand mathematical techniques as a tool in solving economic problems in agribusiness
Expected Outcome	Students have competence in applying mathematical techniques in solving economic problems in agribusiness
Brief Description of Course	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 inagri-business.
Learning Materials:	<ol style="list-style-type: none"> 1. Set 2. Number System 3. Rank, Roots, and Logarithms 4. Line 5. Function 6. Linear Relationships 7. Non-Linear Relationships 8. Simple Functional Differential 9. Differential Compound Function Function 10. Integral 11. Matrix
Book	References: <ol style="list-style-type: none"> 1. Chiang A.C. 1984. Fundamental Methods Of Mathematical Economics.Third Edition.Mc. Graw-Hill Book Inc. York 2. Dumairy. 2004. Applied Mathematics for Business and Economics. Twelfth edition. BPFE. Yogyakarta 3. Toumanoff, Peter and Nourzad, Farrokh, 1994, A Mathematical Approachto Economic Analysis. West Publishing Company. 4. Johannes H., Handoko BS. 1994. Introduction to Mathematics for Economics.Fourteenth edition. LP3ES. Jakarta Supporter:

Week 1	Final Ability of Each Learning Stage (Sub CPMK)	Valuation		Form of Learning; Learning Methods and Media; Student Learning Experience	Estimated Time	Details of Learning Materials; Book	Assessment Weight (%)
		Assessment Indicator	Assessment Criteria and Techniques				
1	Sub CPMK -1 : Students are able to study the set, the number system	<ol style="list-style-type: none"> 1. Students examine and explain the definition of the set 2. Students examine and explain the presentation of the set 3. Students study and explain universal sets and blank sets 4. Students examine and explain the operation of the set 5. Students study and explain the rules of mathematics in set operations 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1. Ketepatan in explaining the definition of set 2. Ketepatan in explaining the presentation of the set 3. Ketepatan in explaining universal sets and empty sets 4. Ketepatan in explaining the operation of the set 5. Ketepatan in explaining mathematical rules in set operations <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Performance Assessment (Observation of performances during discussions) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Discussion and penugasan</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully the introduction to the lecture and understand in outline about the scope of mathematical economics 2. Looking at the understanding and importance of economic mathematics in agribusiness 	<p>Lecture: 2 X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2 x 60 minutes</p>	<p>Preliminary</p> <ol style="list-style-type: none"> 1. Definition of Set 2. Set Presentation 3. Universal Set and Empty Set 4. Set Operations 5. Mathematical Rules in Set Operations <p>Library : 1,2</p>	5

2	Sub CPMK -1 : Students are able to study the set, the number system	<ol style="list-style-type: none"> 1. Students study and understand the Comparative Relationship between Numbers 2. Students study and understand Operation Numbers 3. Students study and understand the Signs of Surgery 4. Students study and understand Fractional Operations 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1. Ketepatan in reviewing the Relationship of Comparison between Numbers 2. Students study and understand Operation Numbers 3. Students study and understand the Signs of Surgery 4. Students study and understand Fractional Operations <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Performance Assessment (Observation of performances during discussions) 2. Quiz 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Discussion and penugasan</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully about the role of the numbers system in agribusiness 	<p>Lecture: 2X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2 x 60 minutes</p>	<p>Number System</p> <ol style="list-style-type: none"> 1. Comparison relationship between numbers 2. Numbers Operation 3. Operation Mark 4. Fractional Operations <p>Library : 1,2</p>	5
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3-4	Sub CPMK -2 : power, root, and logarithm,rows, functions, linear relationships	<ol style="list-style-type: none"> 1. Students master in mathematical engineering rank 2. Students master in root mathematics techniques 3. Students master in logarithmic mathematics techniques 	<p>AssessmentCriteria: 1. Accuracy in mastering mathematical techniques of rank, accrual, logarithm</p> <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Assignment: <ol style="list-style-type: none"> a. Working on a problem 2. Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Discussion and penugasan</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully the lecture material through presentation media 2. Understand mathematical techniques in agribusiness <p>Practicum in the classroom</p>	<p>Lecture: 4 X 50 minutes</p> <p>Self-study: 4 x 60 minutes</p> <p>Self-task: 4 x 60 minutes</p> <p>Practicum: 2 x 170 minutes</p>	<p>Rank, Root, and Logarithm</p> <ol style="list-style-type: none"> 1. Rank 2. Root 3. Logarithmic <p>Libraries: 1,2</p>	15
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5	Sub CPMK -2 : Students are able to study rank, roots, and logarithms, lines, functions, linear relationships	<ol style="list-style-type: none"> Students master the series count Students master geometric series 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> Ketepatan in studying the series count Accuracy in studying geometric series <p>Assessment Techniques:</p> <ol style="list-style-type: none"> Performance Assessment (Observation of performances during discussions) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> Understand and master carefully about the lines Understand mathematical techniques in agribusiness <p>Practicum in the classroom</p>	<p>Lecture: 1 X 50 minutes</p> <p>Self-study: 1x 60 minutes</p> <p>Self-task: 1 x 60 minutes</p> <p>Practicum: 1 x 170 minutes</p>	<p>Line</p> <ol style="list-style-type: none"> Count Series Geometric series <p>Library : 1,2</p>	10
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6	<p>Sub CPMK -2 :</p> <p>Students are able to study rank, roots, and logarithms, lines, functions, linear relationships</p>	<ol style="list-style-type: none"> 1. Students are able to study the understanding and elements of function. 2. Students are able to examine the type of function. 3. Students are able to examine linear function descriptions 4. Students are able to complete the depiction of non-linear functions 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1 Accuracy and conformity in the sense and elements of function 2 Accuracy and conformity in the type of function 3 Accuracy and conformity in linear function descriptions 4 Accuracy and conformity in the depiction of non-linear functions <p>Assessment Techniques:</p> <ol style="list-style-type: none"> a. Assignment: b. Working on a problem 2. Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully the lecture material through presentation media 2. Understand mathematical techniques in agribusiness <p>Practicum in the classroom</p>	<p>Lecture: 2 X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2 x 60 minutes</p> <p>Practicum: 1 x 170 minutes</p>	<p>Function</p> <ol style="list-style-type: none"> 1. Understanding and Function Elements 2. Type of function 3. Linear function description 4. Depiction of non-linear functions <p>Libraries: 1,2</p>	10
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7	Sub CPMK -2 : Students are able to study rank, roots, and logarithms, lines, functions, linear relationships, and non-linear relationships.	<ol style="list-style-type: none"> Students are able to master and draw pieces and tilt straight lines Students are able to master and draw the formation of linear equations Students are able to master and draw a relationship of two straight lines. Students are able to find the roots of linear equations 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> Ketepatan in reviewing the cut image and incline a straight line Ketepatan in studying the image of the formation of linear equations Ketepatan in studying the relationship picture of two straight lines Ketepatan in finding the roots of linear equations <p>Assessment Techniques:</p> <ol style="list-style-type: none"> Assignments: <ol style="list-style-type: none"> Working on the problem Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> Memahami and explained carefully about linear relationships Understand mathematical techniques in agribusiness 	<p>Lecture: 2X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2x 60 minutes</p>	<p>HLlinear ridge</p> <ol style="list-style-type: none"> Cut and tilt a straight line Formation of Linear Equations Relationship of two straight lines Find the Roots of Linear Equations <p>Libraries: 1,2</p>	5
Middle Exam							

8	Sub CPMK -2 : Students are able to study rank, roots, and logarithms, lines, functions, linear relationships, and non-linear relationships.	<ol style="list-style-type: none"> 1. Students are able to find quadratic equations 2. Students are able to understand the concept of circles. 3. Students are able to understand the concept of ellipses. 4. Students are able to understand the concept of hiperbola 5. Students are able to understand the concept of parabola. 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1. Accuracy and conformity to understand the concept of circles 2. Accuracy and suitability to understand the concept of ellipses 3. Accuracy and conformity to understand the concept of hiperbola 4. Accuracy and conformity to understand the concept of parabola <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Assignment: <ol style="list-style-type: none"> a. Working on a problem 2. Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Memahami and explained carefully about linear relationships 2. Understand mathematical techniques in agribisnis <p>Practicum in the classroom</p>	<p>Lecture: 2 X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2 x 60 minutes</p> <p>Practicum: 1 x 170 minutes</p>	<p>Non-Linear Relationships</p> <ol style="list-style-type: none"> 1. Specify a quadratic equation 2. Circle 3. Elliptical 4. hyperbole 5. Parabola <p>Library : 3.4</p>	10
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9	Sub CPMK - 3: Students are able to study Simple Functional Differential and Fungsi Differential Compound Function	<ol style="list-style-type: none"> 1. Students are able to study the rules of differentiation. 2. Students are able to examine derivative and differential properties. 3. Students are able to study derivatives 4. Students are able to examine the relationship between functions and their derivatives. 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1. Ketepatan in understanding the rules of differentiation 2. Ketepatan in understanding the properties of derivatives and differentials 3. Ketepatan in understanding derivatives of derivatives 4. Ketepatan in understanding the relationship between functions and their derivatives <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Assignment: <ol style="list-style-type: none"> a. Working on a problem 2. Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully through simple functional differential courses 	<p>Lecture: 2 X 50 minutes</p> <p>Self-study: 2 x 60 minutes</p> <p>Self-task: 2 x 60 minutes</p>	<p>Simple Functional Differential</p> <ol style="list-style-type: none"> 1. Rules of Differentiation 2. Derivative and Differential Properties 3. Derivatives of Derivatives 4. Relationship between Function and Its Derivatives <p>Library : 3.4</p>	5
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10-11	Sub CPMK - 3: Students are able to study Simple Functional Differential and Fungsi Differential Compound Function	<ol style="list-style-type: none"> 1. Students are able to study partial differentials. 2. Students are able to study mastering derivatives from partial derivatives. 3. Students are able to study extreme grades: Maximum and Minimum 4. Students are able to study conditional optimization. 5. Students are able to study functional homogeneity. 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1 Accuracy in studying the theory of organizational leadership in the field of agribisnis 2 Accuracy in mastering the leadership style of the field of agribisnis 3 Accuracy in the conduct and carrying out organizational supervision <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Assignment: <ol style="list-style-type: none"> a. Working on the problem) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Carefully read the lecture material Fungsi Differential Compound Function 	<p>Lecture: 4 X 50 minutes</p> <p>Self-study: 4 x 60 minutes</p> <p>Self-task: 4 x 60 minutes</p>	<p>Fungsi Differential Compound Function</p> <ol style="list-style-type: none"> 1. Partial Differential 2. Derivatives of Partial Derivatives 3. Extreme value: Maximum and Minimum 4. Conditional Optimization 5. Functional Homogeneity <p>Library : 3.4</p>	10
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12	<p>Sub CPMK - 4:</p> <p>Students are able to study integrals and matrices.</p>	<ol style="list-style-type: none"> 1. Students are able to master integrals inde sure. 2. Students are able to study the rules of inassion integration. 3. Students are able to master certain integrals. 4. Students are able to study certain integration rules 	<p>AssessmentCriteria:</p> <ol style="list-style-type: none"> 1. Accuracy in studying and studying integral theory is indeceminate and the rules of integration are not certain. 2. Accuracy in studying and studying integral theory of course and the rules of integration of course <p>Assessment Techniques:</p> <ol style="list-style-type: none"> 1. Assignment: <ol style="list-style-type: none"> a. Working on a problem 3. Performance Assessment (observation during discussion) 	<p>Form of learning:</p> <p>Offline/face-to-face lectures in class</p> <p>Learning Methods:</p> <p>Problem based learning and assignment</p> <p>Media:</p> <p>Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> 1. Read carefully through integral lecture materials <p>Practicum in the classroom</p>	<p>Lecture:</p> <p>2 X 50 minutes</p> <p>Self-study:</p> <p>2 x 60 minutes</p> <p>Self-task:</p> <p>2 x 60 minutes</p> <p>Practicum:</p> <p>1 x 170 minutes</p>	<p>An integral</p> <ol style="list-style-type: none"> 1. Integral is indedeminate 2. Integration rules are not certain 3. Certain integrals 4. Certain integration rules <p>Library : 3.4</p>	15
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13-14	Sub CPMK - 4: Students are able to study integrals and matrices.	<ol style="list-style-type: none"> Students are able to study and understand matrices and vectors. Students are able to study and understand matrix equations and vector equations Students are able to study and understand matrix and vector operations Students are able to study and understand the general form of the matrix. Students are able to study and understand the challenges of matrix conversion 	<p>Assessment Criteria:</p> <ol style="list-style-type: none"> Accuracy in studying and studying matrices and vectors Accuracy in studying and studying matrix equations and vector equations Accuracy in investigating and studying matrix and vector operations Accuracy in studying and studying the general form of the matrix Accuracy in studying and studying matrix conversions <p>Assessment Techniques:</p> <ol style="list-style-type: none"> Assignment: <ol style="list-style-type: none"> Working on a problem Performance Assessment (observation during discussion) 	<p>Form of learning: Offline/face-to-face lectures in class</p> <p>Learning Methods: Problem based learning and assignment</p> <p>Media: Presentation media</p> <p>Student Learning Experience</p> <ol style="list-style-type: none"> Read carefully through matrix lecture material <p>Practicum in the classroom</p>	<p>Lecture: 4 X 50 minutes</p> <p>Self-study: 4 x 60 minutes</p> <p>Self-task: 4 x 60 minutes</p> <p>Practicum: 2 x 170 minutes</p>	<p>Matrix</p> <ol style="list-style-type: none"> Understanding Matrices and Vectors Matrix Equations and Vector Equations Matrix and Vector Operations General shape of matrix Matrix Conversion <p>Library : 3.4</p>	15
FINAL Exam							



ASSESSMENT OF COURSE LEARNING ACHIEVEMENT (CP-MK)

Courses	Socioeconomic Mathematics
Semester	I (One)
Course Code	MKW60702
College Courses	Agribusiness Management
MK Preconditions	-
RPS Developer Lecturer	Dr. Dwi Susilowati, SP., MP
Mk Master Lecturer	Anugrah Rizki Pratama, SP., MP.
Authentication Date	
Courses	Agribusiness
Faculty	Agriculture

MATRIC ASSESSMENT OF LEARNING ACHIEVEMENT COURSES (CP-MK)

Course: Sociology of Agribusiness Agriculture
 Semester: 5 (Five)
 Lecturer: Titis Surya Maha Rianti, SP., MP.
 ProgramStudi: Agribusiness

Week 1	CPL	CPMK	Sub-CPMK	Indicators	Assessment Technique - Assessment Instrument- Weight (%)	Weight (%) Sub-CPMK	Student Grades (0- 100)	Σ (Student Grade) X (Weights %)	CPL's ability to MK (%)	
1,2	ILO 2 Able to break the rules / principles of agribusiness, social sciences, economics, and agricultural engineering as the foundation of innovative Agribusiness disciplines	CPMK 1. Students are able to use mathematics as a tool of agribusiness economic analysis	Sub CPMK -1 : Students are able to study the set, the number system	Indicators: 1. Students examine and explain the definition of the set 2. Students examine and explain the presentation of the set 3. Students study and explain universal sets and blank sets 4. Students examine and explain the operation of the set 5. Students study and explain the rules of mathematics in set operations 6. Students study and understand the Comparative Relationship between Numbers 7. Students study and understand Operation Numbers	Assessment Techniques: 2. Performance Assessment (Observation of performances during discussions) 3. Quiz (Multiple-Choice) Assessment Instruments: 1. Rubric of job performance assessment 2. About kuis	5 5	10	84,7	8,47	84,7%

				<p>8. Students study and understand the Signs of Surgery</p> <p>9. Students study and understand Operation Pecaha</p> <p>Criteria:</p> <ol style="list-style-type: none">1. Students examine and explain the definition of the set2. Students examine and explain the presentation of the set3. Students study and explain universal sets and blank sets4. Students examine and explain the operation of the set5. Students study and explain the rules of mathematics in set operations6. Ketepatan in reviewing the Relationship of Comparison between Numbers7. Students study and understand Operation Numbers8. Students study and understand the Signs of Surgery9. Students study and understand Fractional Operations						
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				<p>of function</p> <p>5. Accuracy and conformity in linear function descriptions</p> <p>6. Accuracy and conformity in the depiction of non-linear functions</p> <p>7.</p>						
9,10,11	<p>ILO 1 Able to respond to problems regarding entrepreneurship, agribusiness, and green <i>food</i></p> <p>ILO 2 Able to break the rules / principles of agribusiness, social sciences, economics, and agricultural engineering as the foundation of innovative Agribusiness disciplines</p>	<p>CPMK 3. Students are able to apply mathematical theory to a variety of relevant cases or problems.</p>	<p>Sub CPMK - 3: Students are able to study Simple Functional Differentials and Fungsi Differential Compounds</p>	<p>Indicators:</p> <ol style="list-style-type: none"> Students are able to study the rules of differentiation. Students are able to examine derivative and differential properties. Students are able to study derivatives Students are able to examine the relationship between functions and their derivatives. Students are able to study partial differentials. Students are able to study mastering derivatives from partial derivatives. Students are able to study extreme grades: Maximum and Minimum Students are able to study conditional optimization. Students are able to study functional homogeneity. 	<p>Assessment Techniques:</p> <ol style="list-style-type: none"> Performance Assessment (Observation of performances during discussions) Quiz (Multiple-Choice) <p>Assessment Instruments:</p> <ol style="list-style-type: none"> Rubric assessment of work Quiz questions 	7,5	15	82,6	12,3	82,6%

				<p>Assessment Criteria:</p> <ol style="list-style-type: none"> 1. Ketepatan in understanding the rules of differentiation 2. Ketepatan in understanding the properties of derivatives and differentials 3. Ketepatan in understanding derivatives of derivatives 4. Ketepatan in understanding the relationship between functions and their derivatives 5. 6. Accuracy in studying the theory of organizational leadership in the field of agribisnis 7. Accuracy in mastering the leadership style of the field of agribisnis 8. Accuracy in the conduct and carrying out organizational supervision 						
12,13,14	<p>ILO 1 Able to respond to problems regarding entrepreneurship, agribusiness, and green food</p> <p>ILO 2 Able to break the rules /</p>	<p>CPMK 4. Students are able to have skills that can be developed for the development of relevant science.</p>	<p>Sub CPMK - 4: Students are able to study integrals and matrices.</p>	<p>Indicators</p> <ol style="list-style-type: none"> 1. Students are able to master integrals inde sure. 2. Students are able to study the rules of inassion integration. 3. Students are able to master certain integrals. 4. Students are able to study certain 	<p>Assessment Techniques:</p> <p>1. Performance Assessment (Observation of performances during discussions)</p> <p>2. Quiz (Multiple-Choice)</p> <p>Assessment Instruments:</p> <p>1. Rubric assessment of</p>	15	30	74,3	24,7	74,3%

	<p>principles of agribusiness, social sciences, economics, and agricultural engineering as the foundation of innovative Agribusiness disciplines</p>			<p>integration rules</p> <ol style="list-style-type: none"> 5. Students are able to study and understand matrices and vectors. 6. Students are able to study and understand matrix equations and vector equations 7. Students are able to study and understand matrix and vector operations 8. Students are able to study and understand the general form of the matrix. 9. Students are able to study and understand the challenges of matrix conversion 10. <p>Assessment criteria</p> <ol style="list-style-type: none"> 1. Accuracy in studying and studying integral theory is indecminate and the rules of integration are not certain. 2. Accuracy in studying and studying integral theory of course and the rules of integration of course 3. Accuracy in studying and studying matrices and vectors 4. Accuracy in studying and studying matrix equations and vector equations 5. Accuracy in investigating and studying matrix and 	<p>work</p> <ol style="list-style-type: none"> 2. Quiz questions 					
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				<p>vector operations</p> <p>6. Accuracy in studying and studying the general form of the matrix</p> <p>7. Accuracy in studying and studying matrix conversions</p>						
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