

SEMESTER STUDY PLAN
ENTREPRENEURSHIP
(COMPULSORY COURSE)



DEPARTMENT OF MATHEMATICS AND DATA SCIENCE
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS ANDALAS
2023



LEARNING PLAN (RPS)
STUDY PROGRAM S 1 MATHEMATICS
FACULTY OF MATHEMATICS AND NATURAL SCIENCES
ANDALAS UNIVERSITY

SEMESTER LEARNING PLAN

SUBJECT		CODE	I-Learn Course URL	WEIGHT (credit)	Semester	Compilation Date
ENTREPRENEURSHIP		AND60102	https://sci.ilearn.unand.ac.id	3	5	July 19, 2023
AUTHORIZATION		Lecturer RPS Developer		Chairman of the CBC		Head of the study program
		Budi Rudianto, M.Si		Dr. Ahmad Iqbal Baqi		Dr. Arrival Rince Putri
Learning Outcomes (CP)	CPL-PRODI					
	CP-1	Have good ethics and integrity PI-1. Act in accordance with moral principles, national ethics and religious norms PI-2. Act in accordance with academic norms				
	CP-2	Have in-depth knowledge of basic mathematical concepts PI- 1 . Explains basic mathematical concepts				
	CP-3	Able to identify, explain and generalize mathematical problems PI-1. Identify simple mathematical problems PI-2. Explain simple mathematical problems PI- 3. Generalize mathematical problems				
	CP-4	Able to use basic mathematical concepts in solving mathematical problems and able to formulate hypotheses and investigate their truth PI-2. Formulate a hypothesis and investigate its truth				
	CP-5	Able to recognize formal structures in mathematics P1-1. Identify formal structures and forms of analogy in mathematics				

	CP-7	Mastering the basic techniques needed to transfer the methods that have been studied in the scope of mathematics PI-1. Explains basic techniques in the scope of mathematics PI-2. Apply appropriate methods in solving mathematical problems
	CP-MK	After attending this course students are expected to:
		1. Students are able to explain the conditions in Indonesia from a <i>Mathpreneurship perspective</i> (CP-1:PI-1, PI-2, CP-2:PI-1).
		2. Students are able to explain Human Quality (CP-1: PI-1, PI-2, CP-3: PI-1, PI-3).
		3. Students are able to explain the basic concepts of Entrepreneurship (CP- 1: PI -1, PI-2, CP-4: PI-2).
		4. Students are able to explain <i>Mathpreneurship</i> characteristics (CP-1:PI-1, PI-2, CP-5:PI-1).
		5. Students are able to explain dreams (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).
		6. Students are able to explain the Business Feasibility Study (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).
		7. Students are able to explain Business Planning (Overview Effort) (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).
		8. Students are able to explain Business Planning (Management Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).
		9. Students are able to explain Business Planning (Marketing Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).
		10. Students are able to explain Business Planning (Financial Planning) . (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).
Brief description of MK	The Entrepreneurship course is a course that integrates the three achievements in education, namely <i>knowledge</i> , <i>skills</i> and <i>attitude</i> . Thus, the learning strategy for this course must be able to combine theoretical understanding, attitudes and entrepreneurial skills. The target of this learning is to shape students into Mathpreneurship, because this constructive learning is the most appropriate approach, because students can see, experience directly, and independently interpret what and how entrepreneurship practically exists in society.	
Study Materials /Sub-Study Materials	1) Indonesia's condition from an entrepreneurship perspective 2) Human Quality 3) Basic concepts of Entrepreneurship 4) Characteristics of <i>Mathpreneurship</i> 5) Dream 6) Business Feasibility Study 7) Business Planning (Business Overview)	

	8) Business Planning (Management planning) 9) Business Planning (Marketing Planning) 10) Business Planning (Financial Planning) .	
References	Main :	
		1. Hisrich. JD 1996. Entrepreneurship. Starting, Developing and Managing New Ventures. 2. Soesarsono. 1998. Entrepreneurship. Faculty of Agricultural Technology. IPB. Bogor.
	Supporters :	
		1. Soesarsono and Ma`mun Sarma. 2002. A Glance at an Independent Challenge Mathematics Career. LP3IPB. Bogor.
Instructional Media	Software :	Device hard :
	<ul style="list-style-type: none"> • LMS Unand (http://fmipa.ilearn.unand.ac.id/) • Zoom meetings • WhatsApp 	<ul style="list-style-type: none"> • Computer/Laptop • Smartphones
Team Teaching	1. Budi Rudianto, M.Sc	
Required courses	-	
Academic Norms	https://akademik.unand.ac.id/images/2022-03-30%20Peraturan%20Rektor%20Nomor%207%20Tahun%202022%20Penyelenggaraan%20Pendidikan-khusus%20Bab%20II.pdf	

I. Weekly Lecture Plan

WEEK -/ MEETING TO- (1)	CPMK and SUB-CP- MK (2)	ASSESSMENT INDICATORS (3)	FORM OF ASSESSMENT (4)	LEARNING ACTIVITIES [ESTIMATED TIME] (5)			LEARNING MATERIALS [REFERENCE] (6)	WEIGHT EVALUATI ON (7)
				OFFLINE	Online (SM/AM/AK) *	MEDIA		
1/1-2	CPMK 1 Students are able to explain the conditions in Indonesia from a <i>Mathpreneurship perspective</i> (CP-1:PI-1, PI-2, CP-2:PI-1).	<ul style="list-style-type: none"> • Discipline in carrying out college contracts • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • Task 1 (2%) • Projects (2%) • UTS (6%) 	<ul style="list-style-type: none"> • Studying : <ul style="list-style-type: none"> - Introduction to RPS - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 2 x 60 minutes] 	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Scoring system - Method learning and tasks 	2%
2/3	CPMK 2 Students are able to explain Human	<ul style="list-style-type: none"> • Accurate understanding of related material 	<ul style="list-style-type: none"> • Task 1 (3%) • UTS (4%) 	<ul style="list-style-type: none"> • Studying : <ul style="list-style-type: none"> - material explanation 	<ul style="list-style-type: none"> • A.M 	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Current conditions in Indonesia - This 	6%

	Quality (CP-1: PI-1, PI-2, CP-3: PI-1, PI-3).	<ul style="list-style-type: none"> • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 		<ul style="list-style-type: none"> - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	Students look for references and study lecture material [1 x 1 x 60 minutes] • AK Students discuss in groups about lecture material and assignments [1 x 1 x 60 minutes]		<ul style="list-style-type: none"> - Educational challenges - National challenges Indonesia - The key to success 	
3/4-5	CPMK 3 Students are able to explain the basic concepts of Entrepreneurship (CP-1: PI -1, PI-2, CP-4: PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • Task 1 (5%) • Projects (2%) • UTS (10%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 2 x 60 minutes]	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - View from the corner religious point of view - View from the corner educational point of view - View from the corner intelligence point of view 	1%
4/6	CPMK 4 Students are able to explain <i>Mathpreneurship</i> characteristics (CP-1:PI-1, PI-2, CP-5:PI-1).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	UTS (5%)	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 2 x 60 minutes]	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Building Team Work - Building Collaboration - Building a Network 	5%
5/7-8	CPMK 5 Students are able to explain dreams (CP-	<ul style="list-style-type: none"> • Accurate understanding of related material 	<ul style="list-style-type: none"> • Task 1 (2%) • UTS (5%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation 	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Dream - Confidence - Initiative 	6%

	1:PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 		<ul style="list-style-type: none"> - discussion and question and answer course material [1 x 2 x 50 minutes] 	[1 x 1 x 60 minutes] <ul style="list-style-type: none"> • AK Students discuss in groups about lecture material and assignments [1 x 1 x 60 minutes]		<ul style="list-style-type: none"> - Mathpreneurship attitude 	
6/9	CPMK 5 Students are able to explain dreams (CP-1:PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	Task 1 (3%)	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes] 	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 2 x 60 minutes]	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Business Overview - Management planning Marketing Planning 	
7/10-11	CPMK 6 Students are able to explain the Business Feasibility Study (CP-1: PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • Task 1 (5%) • Projects (2%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes] 	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 1 x 60 minutes] <ul style="list-style-type: none"> • AK Students discuss in groups about lecture material and assignments [1 x 1 x 60 minutes]	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	<ul style="list-style-type: none"> - Business Overview - Financial management planning 	5%
Midterm (2 weeks)								
8/12	CPMK 6 Students are able to explain the Business Feasibility Study (CP-1: PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering 	UAS (6%)	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and 	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 1 x 60 minutes] <ul style="list-style-type: none"> • AK 	<ul style="list-style-type: none"> • LMS (ilearn UNAND) 	Business planning for each group	5%

		assignment questions • Neatness of task execution • Originality of task results		answer course material [1 x 2 x 50 minutes]	Students discuss in groups about lecture material and assignments [1 x 1 x 60 minutes]			
9/13-14	CPMK 7 Students are able to explain Business Planning (Overview Effort) (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).	• Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results	• Projects (3%)	• Studying : - material explanation - task explanation - discussion and question and answer lecture material [1 x 2 x 50 minutes]	• A.M Students look for references and study lecture material [1 x 2 x 60 minutes]	• LMS (ilearn UNAND)	Conduct an analysis of the feasibility of a business	
10/15	CPMK 8 Students are able to explain Business Planning (Management Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).	• Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results	• Task 4 (1%) • Project s (5%) • UAS (4%)	• Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	• A.M Students look for references and study lecture material [1 x 1 x 60 minutes] • AK Students discuss in groups about lecture material and assignments [1 x 1 x 60 minutes]	• LMS (ilearn UNAND)	Business planning for each group	6%
11/16-17	CPMK 9 Students are able to explain Business Planning (Marketing Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).	• Accurate understanding of related material • Accuracy in answering assignment questions	• Task 5 (2%) • Project s (2%) • UAS (10%)	• Studying : - material explanation - task explanation - discussion and question and answer lecture material	• A.M Students look for references and study lecture material [1 x 1 x 60 minutes] • AK Students discuss in groups about lecture	LMS (ilearn UNAND)	Business planning for each group	7%

		<ul style="list-style-type: none"> • Neatness of task execution • Originality of task results 		[1 x 2 x 50 minutes]	material and assignments [1 x 1 x 60 minutes]			
12/18	CPMK 9 Students are able to explain Business Planning (Marketing Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • UAS (5%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 2 x 60 minutes]	LMS (ilearn UNAND)	Business planning for each group	
13/19-20	CPMK 10 Students are able to explain Business Planning (Financial Planning) . (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • Project s (3%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 1 x 60 minutes] <ul style="list-style-type: none"> • AK Students discuss in groups about lecture material [1 x 1 x 60 minutes]	LMS (ilearn UNAND)	Material about business world problems is sought in various media	
14/21	CPMK 10 Students are able to explain Business Planning (Financial Planning) . (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).	<ul style="list-style-type: none"> • Accurate understanding of related material • Accuracy in answering assignment questions • Neatness of task execution • Originality of task results 	<ul style="list-style-type: none"> • UAS (5%) 	<ul style="list-style-type: none"> • Studying : - material explanation - task explanation - discussion and question and answer course material [1 x 2 x 50 minutes]	<ul style="list-style-type: none"> • A.M Students look for references and study lecture material [1 x 1 x 60 minutes] <ul style="list-style-type: none"> • AK Students discuss in groups about lecture material and assignments 	LMS (ilearn UNAND)	Material about business world problems is sought in various media	7%

					[1 x 1 x 60 minutes]			
	CPMK 1 - CPMK 10	<ul style="list-style-type: none"> Accurate understanding of related material 			<ul style="list-style-type: none"> A.M Students look for references and study lecture material [1 x 2 x 60 minutes] AK Students discuss in groups about lecture material [1 x 2 x 60 minutes] 	LMS (ilearn UNAND)	PROJECTS	50%
UAS								

*SM = virtual synchronous, AM = independent asynchronous, AK = collaborative asynchronous

Indicators, Criteria and Assessment Weights

1. Assessment Weight for Each Form of Assessment

NO	COMPONENT EVALUATION	WEIGHT (%)
Results Assessment		

1	UTS	30%
2	UAS	30%
3	Assignments- Homework, Quizzes	20%
4	Projects	20%
TOTAL		100

2. Assessment weight for each course learning achievement

- CP-MK-1 : 10%
- CP-MK 2 : 7%
- CP-MK 3 : 17 %
- CP-MK 4 : 7 %
- CP-MK 5 : 8%
- CP-MK-6 : 8%
- CP-MK 7 : 12%
- CP-MK 8 : 15 %
- CP-MK 9 : 7 %
- CP-MK 10 : 8%

II. Assessment Plan Table

Form of assessment	UTS	UAS	Homework assignments, quizzes	Projects	Total weight
CPMK					
1.Students are able to explain the conditions in Indonesia from a <i>Mathpreneurship perspective</i> (CP-1:PI-1, PI-2, CP-2:PI-1).	6%		2%	2%	10%
2.Students are able to explain Human Quality (CP-1: PI-1, PI-2, CP-3: PI-1, PI-3).	4%		3%		7%
3.Students are able to explain the basic concepts of Entrepreneurship (CP- 1:PI -1, PI-2, CP-4: PI-2).	10%		5%	2%	17%
4.Students are able to explain <i>Mathpreneurship</i> characteristics (CP-1:PI-1, PI-2, CP-5:PI-1).	5%		2%		7%
5.Students are able to explain dreams (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).	5%		3%		8%
6.Students are able to explain the Business Feasibility Study (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).		6%		2%	8%
7.Students are able to explain Business Planning (Overview Effort) (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).		4%	5%	3%	12%
8.Students are able to explain Business Planning (Management Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).		10%		5%	15%
9.Students are able to explain Business Planning (Marketing Planning) (CP- 1: PI -1, PI-2, CP-7: PI-1, PI-2).		5%		2%	7%
10. Students are able to explain Business Planning (Financial Planning) . (CP- 1:PI -1, PI-2, CP-7: PI-1, PI-2).		5%		3%	8%
Total Weight	30%	30%	20%	20%	100%

