UNIVERSITY OF BRAWIJAYA
FACULTY OF ADMINISTRATIVE SCIENCES
DEPARTMENT OF BUSINESS ADMINISTRATION
TOURISM STUDY PROGRAM (S1)

SEMESTER LEARNING PLAN

SUBJECT	CODE	COURSE CLUBS	WEIGHT (credits)	SEMESTER	Date of Compilation
Strategic Decision Making Analysis	PAR62007	Managing	3	Odd even	07-21-2023

AUTHORIZATION	RPS Developer Lecturer	RMK Coordinator	head of the study program
	Dr. Ari Darmawan, SAB, MAB	Dr. Ari Darmawan, SAB, MAB	Dr. Drs., Edy Yulianto, MP

Learning Outcomes	CPL PROGRAM	
	CPL-2	Students are able to produce critical and innovative thinking to support business decision making in the tourism sector.
	CP – MK	
	CPMK-1	Able to calculate and analyze decision tables
	CPMK-2	Able to calculate and analyze forecasts
	CPMK-3	Able to calculate and analyze maximization and minimization
	CPMK-4	Able to calculate and analyze assignments
	CPMK-5	Able to calculate and analyze queue theory
	CPMK-6	Able to calculate and analyze game theory
	CPMK-7	Able to calculate and analyze transportation
	CPMK-8	Able to calculate and analyze network planning
	CPMK-9	Able to calculate and analyze analytical hierarchy process

<table>
<tr><td>MK Brief Description</td><td colspan="3">This course discusses various quantitative-based decision-making techniques. This course provides students with the skills to make decisions in business organizations.</td></tr>
<tr><td>Learning Materials / Topics</td><td colspan="3">1. Decision table
2. Forecasting
3. Maximization and minimization
4. Assignment
5. Transportation
6. Game theory
7. Queuing theory
8. Network planning
9. Analytical Hierarchy Process</td></tr>
<tr><td rowspan="4">Library</td><td colspan="3">Main</td></tr>
<tr><td colspan="3">1. Siswanto. Operations Research. Volume 1
2. Siswanto. Operations Research. Volume 2
3. Tjutju Tarlian Dimyati and Ahmad Dimyati. Operations Research: Decision-making models
4. Jong Jek Siang. Operations Research
5. Richard L. Levin et al. Quantitative Decision Making</td></tr>
<tr><td colspan="3">Supporters</td></tr>
<tr><td colspan="3">-</td></tr>
<tr><td rowspan="2">Instructional Media</td><td colspan="2">Software :</td><td>Hardware :</td></tr>
<tr><td colspan="2">MS Excel</td><td>Multimedia television, Laptop, White Board, Worksheet</td></tr>
<tr><td>Team Teaching</td><td colspan="3">Group of lecturers teaching the Strategic Decision Making Analysis course</td></tr>
<tr><td>Course Requirements</td><td colspan="3">-</td></tr>
</table>

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
1	Introduction	a. Basic concepts of decision making b. Decision making components c. Decision making process d. Decision making stages e. Conditions and methods of decision making	**Assessment criteria**: ▪ Accuracy of resume **Form of assessment**: ▪ Non-exam basis: Class discussions & Resume Assignments ▪ Exam basis: UTS	a.Lecture and Q&A b.Assignment: resume material	1 x 3 x 50'	**Learning materials:** a. Basic concepts of decision making b. Decision making components c. Decision making process d. Decision making stages e. Conditions and methods of decision making	2%
2-3	Able to calculate and analyze decision tables	**Accuracy in calculating, explaining and analyzing:** a. Rational decisions b. The decision is in a certain state	**Assessment criteria**: ▪ Accuracy of material summary and case study	a.Lecture and Q&A b.Material resume assignment c.Exercises	1 x 3 x 50'	**Learning materials:** a. Rational decisions b. The decision is in a certain state	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
		c. Decisions in uncertain circumstances d.Risky decisions	problem solving **Form of assessment**: ▪ Non-exam basis: Resume assignments and case study assignments in the Worksheets ▪ Exam basis: UTS	d.Case analysis discussion		c. Decisions in uncertain circumstances d.Risky decisions	
4	Able to calculate and analyze forecasts	**Accuracy in calculating, explaining and analyzing:** a. Time series forecasting methods b. Causal forecasting methods	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Time series forecasting methods b. Causal forecasting methods	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			Form of assessment: ▪ Non-exam basis: Resume assignments and case study assignments in the Worksheets ▪ Exam basis: UTS				
5	Able to calculate and analyze maximization and minimization	**Accuracy in calculating, explaining and analyzing:** a. Maximization b. Minimization	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**:	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Maximization b. Minimization	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			▪ Non-exam basis: Resume assignments and case study assignments in the Worksheets ▪ Exam basis: UTS				
6	Able to calculate and analyze assignments	**Accuracy in calculating, explaining and analyzing:** a. Maximization b. Minimization	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**: ▪ Non-exam basis: Resume assignments	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Maximization b. Minimization	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			and case study assignments in the Worksheets ▪ Exam basis: UTS				
7	Able to calculate and analyze queue theory	**Accuracy in calculating, explaining and analyzing:** a. Queue system application b. Main components of the queuing system c. Queue discipline d. Queue behavior e. Queue structure f.Queue model g.Formula for each queue model	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**: ▪ Non-exam basis: Resume assignments and case study assignments	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Queue system application b. Maincomponents of the queuing system c. Queue discipline d. Queue behavior e. Queue structure f.Queue model g.Formula for each queue model	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			in the Worksheets ▪ Exam basis: UTS				
8	Students are able to complete the questions on the Mid-Semester Exam material	The level of students' ability to complete the Mid-Semester Exam questions	**Assessment criteria**: ▪ Accuracy of completion of Mid-Semester Exam questions **Form of assessment**: ▪ Exam basis: UTS	Written exam	100 minutes	Mid-Semester Exam Questions	18%
9	Able to calculate and analyze game theory	**Accuracy in calculating, explaining and analyzing:** a.Basic provisions of game theory b. Pure strategy approach	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a.Basic provisions of game theory b. Pure strategy approach c.Mixed strategy approach	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
		c.Mixed strategy approach	**Form of assessment**: ▪ Non-exam basis: Resume assignments and case study assignments in the Worksheets ▪ Exam basis: UAS				
10	Able to calculate and analyze transportation	**Accuracy in calculating, explaining and analyzing:** a.Transportation matrix b.Problem of Supply and Demand Balance c.Transportation Algorithm d. Least Cost Method	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**: ▪ Non-exam basis:	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a.Transportation matrix b.Problem of Supply and Demand Balance c.Transportation Algorithm d. Least Cost Method	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
		e.North West Corner Method f.RAM or Russell's Approximation Method g.VAM or Vogell's Approximation Method	Resume assignments and case study assignments in the Worksheets ▪ Exam basis: UAS			e.North West Corner Method f.RAM or Russell's Approximation Method g.VAM or Vogell's Approximation Method	
11-12	Able to calculate and analyze network planning	**Accuracy in calculating, explaining and analyzing:** a. Critical Path Method (CPM) b. Project Evaluation and Review Technique (PERT)	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**: ▪ Non-exam basis: Resume assignments and case study	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Critical Path Method (CPM) b. Project Evaluation and Review Technique (PERT)	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			assignments in the Worksheets ▪ Exam basis: UAS				
13-14	Able to calculate and analyze analytical hierarchy process	**Accuracy in calculating, explaining and analyzing:** a. Advantages of analytical hierarchy process b. Principles of analytical hierarchy process c. Analytical hierarchy process stages	**Assessment criteria**: ▪ Accuracy of material summary and case study problem solving **Form of assessment**: ▪ Non-exam basis: Resume assignments and case study assignments in the Worksheets	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials:** a. Advantages of analytical hierarchy process b. Principles of analytical hierarchy process c. Analytical hierarchy process stages	5%

Week 2-	Sub-CP-MK (as the expected final capability)	Indicator	Assessment Criteria & Forms	Form / Method / Learning Experience (Lectures / Assignments / other forms of learning)	Time (Duration)	Learning Materials / Study Materials [Library]	Assessment Weight (%)
			▪ Exam basis: UAS				
15	Quiz	**Accuracy in calculating, explaining and analyzing: all materials from meetings 2-14**	**Assessment criteria**: ▪ completion of Quiz questions **Form of assessment**: ▪ Test basis: Quiz	a.Lecture and Q&A b.Material resume assignment c.Exercises d.Case analysis discussion	1 x 3 x 50'	**Learning materials::** Quiz questions (case studies)	15%
16	Students are able to complete the Final Semester Exam questions	The level of students' ability to complete the Final Semester Exam questions	**Assessment criteria**: ▪ Accuracy of completion of Final Semester Exam questions **Form of assessment**: ▪ Exam basis: UAS	Written exam	100 minutes	Final Semester Exam Questions	20%

Information:

1. **Week 2-**: Shows the time the activity is carried out starting from the 1st to the 16th week in one semester, including the Mid-Semester Evaluation (ETS) and End-of-Semester Evaluation (EAS)
2. **Sub CPMK (expected final capability)**: The formulation of cognitive, psychomotor, and affective abilities is attempted to be complete and intact (hard skills & soft skills). The abilities formulated at each stage must refer to and be in line with the CPL, and cumulatively are expected to meet the CPL imposed on this course at the end of the semester.
3. **Indicator**: achievement of the stated capability, or the assessed capability element (can be qualitative, for example, accuracy of analysis, neatness of presentation, creativity of ideas, communication skills, or can also be quantitative: number of references cited/elements discussed, accuracy of calculations).
4. **Assessment criteria and forms**: Assessment Criteria based on Benchmark Assessment contain educational, authentic, objective, accountable, and transparent principles which are carried out in an integrated manner.
5. **Form / Method / Learning Experience (Lecture / Assignment / other forms of learning):**Activities that must be carried out by students that are designed by the lecturer so that the person concerned has the specified abilities (examples: assignments, surveys, compiling papers, carrying out practical work, comparative studies, group work on projects)
6. **Time :**time required for the teaching and learning process
7. **Learning materials**: Can be filled with the main topic/sub-main topic or topic of discussion or the contents of the module (assuming that there are teaching dictations/modules available for each main topic)
8. **Assessment Weight**: Adjusted to the time used to discuss or work on assignments, or the extent of a skill's contribution to the learning achievement assigned.

CPMK's Contribution to CPL

	CPL1	CPL2	CPL3	CPL4	CPL5	CPL6
CPMK1	0	1	0.5	0	0	0
CPMK2	0	1	0.5	0	0	0
CPMK3	0	1	0.5	0	0	0
CPMK4	0	1	0.5	0	0	0
CPMK5	0	1	0.5	0	0	0

Assessment Format

Types of Assessment	**Weigh t**
Resume Assignment and Case Study	47%
Quiz	15%
UTS	18%
UAS	20%

Assessment and Evaluation of Graduate Learning Achievements (CPL) in Courses

Week to:	**CPL**	**CPMK**	**Questions (weight %)**	**Assessme nt weight**	**Weigh t (%)**	**Mark Student (0-100)**	**Student grade x Weight (%)**
1	CPL-2	1	▪ Resume assignment	2	2		
2-3	CPL-2	1	▪ Resume assignment ▪ Case in point	2 3	5		
4	CPL-2	2	▪ Resume assignment ▪ Case in point	2 3	5		
5	CPL-2	3	▪ Resume assignment ▪ Case in point	2 3	5		
6	CPL-2	4	▪ Resume assignment ▪ Case in point	2 3	5		

7	CPL-2	5	▪ Resume assignment ▪ Case in point	2 3	5		
8	CPL-2	1 2 3 4 5	**Mid Semester Evaluation**	18	18		
9	CPL-2	6	▪ Resume assignment ▪ Case in point	2 3	5		
10	CPL-2	7	▪ Resume assignment ▪ Case in point	2 3	5		
11-12	CPL-2	8	▪ Resume assignment ▪ Case in point	2 3	5		
13-14	CPL-2	9	▪ Resume assignment ▪ Case in point	2 3	5		
15	CPL-2	2 3 4 5 6 7 8 9	▪ Case in point	15	15		
16	CPL-2	6 7 8 9	**End of Semester Evaluation**	20	20		

Determination of Final Value

	Quality Letters	**Quality Score**
> 80	A	4
75 < NA ≤ 80	B+	3.5
69 < NA ≤ 75	B	3
60 < NA ≤ 69	C+	2.5
55 < NA ≤ 60	C	2
50 < NA ≤ 55	D+	1.5
44 < NA ≤ 50	D	1
0 < NA ≤ 44	E	0

	UNIVERSITY OF BRAWIJAYA FACULTY OF ADMINISTRATIVE SCIENCES DEPARTMENT OF BUSINESS ADMINISTRATION TOURISM STUDY PROGRAM (S1)				
STUDENTS' ASSIGNMENT PLAN					
Subject	Strategic Decision Making Analysis				
Code	PAR62007	**credits**	3	**Semester**	2
Supporting lecturer	Group of lecturers teaching the Strategic Decision Making Analysis course				
Assignment Title	1. Lecture material resume assignment 2.Strategic Decision Making Analysis Worksheet				
Sub Course Learning Outcomes	1. Students are able to understand lecture material and are able to communicate verbally and in writing. 2. Students are able to calculate and analyze each calculation of Strategic Decision Making Analysis.				
Job Description	1. Lecture material summary assignment a. Students are looking for reference books related to the Strategic Decision Making Analysis course. b. Students summarize each lecture material listed in the Semester Learning Plan (RPS) c. Summary assignments for each lecture material listed in the Semester Learning Plan (RPS), collected in Google Classroom 2.Worksheet a.Students complete each case study in Strategic Decision Making Analysis b. Students analyze decision making in each case study in the Strategic Decision Making Analysis course.				
Assignment Work Method	Individual				
Output Forms and Formats	1.Resume Report 2. Strategic Decision Making Analysis Worksheet (Case study for each lecture material, mid-term exam, quiz, final exam)				
Indicators, Criteria and Assessment Weights	1.Resume Report a. Completeness and clarity of the material in the resume b. Neatness of Resume Report 2.Strategic Decision Making Analysis Worksheet a. Accuracy of solving the Strategic Decision Making Analysis case problems b. Neatness in writing the discussion on the Worksheet				
Implementation Schedule	1.Resume Report Meeting 1, 2-3, 4, 5, 6, 7, 9, 10, 11-12, 13-14, 15 2.Strategic Decision Making Analysis Worksheet Meetings 2-3, 4, 5, 6, 7, 9, 10, 11-12, 13-14, 15				

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RESUME ASSIGNMENT

Subject	Strategic Decision Making Analysis				
Code	PAR62007	**credits**	3	**Semester**	
Student Name					
NIM					
Class					
Material Summary	**Meeting**:	**Material**:			

Resume:

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WORKSHEET

Subject	Strategic Decision Making Analysis				
Code	PAR62007	**credits**	3	**Semester**	2
Student Name					
NIM					
Class					
Material Summary	**Meeting**:	**Material**: