			Document Code

Universitas Negeri Surabaya
Faculty of Economics and Business
Bachelor of Economics Study Program

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Computer application	8722003017		T=3	P=0	ECTS=4.77	3	July 18, 2024

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
	....	....	Dr. Tony Seno Aji, S.E., M.E.

Learning model	**Project Based Learning**

Program Learning Outcomes (PLO)	PLO study program that is charged to the course
	Program Objectives (PO)
	PLO-PO Matrix

	P.O

PO Matrix at the end of each learning stage (Sub-PO)

P.O	Week															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Short Course Description	This course contains information and data analysis including computer hardware; computer software; MS Office, Eviews, SPSS operations

References	Main :

1. Kusrianto, Adi. 2014.Menampilkan dan Mengolah Data Excel dengan Formula dan Fungsi. Jakarta: PT Elex MediaKomputindo
2. Sofyan Yamin dan Heri Kurniawan. 2009. SPSS Complete Teknik Analisis Statistik Terlengkap dengan Software SPSS. Salemba Empat
3. IHS Global Inc. 2014, EViews 8.1 User's Guide I, IHS Global Inc.w eb: www.eviews.com

	Supporters:

Supporting lecturer	Dr. A'rasy Fahrullah, S.Sos., M.Si. Ach. Yasin, S.Pd., M.SEI. Jaka Nugraha, S.AB., M.AB, MBA.

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Able to practice the functions contained in MS Excel	Can practice basic Excel functions		Demonstration and practice 9 X 50			0%

2							0%
3							0%
4	Able to practice logical functions and the use of logical operators	Can practice single and nested if functions as well as the use of the if logical operator		Demonstration and Practice 6 X 50			0%
5							0%
6	Able to practice simple and complex lookup functions	Can practice the lookup function vertically and horizontally. Simple or complex		Demonstration and practice 6 X 50			0%
7							0%
8	Midterm exam			2 X 50			0%
9	able to practice data entry and descriptive statistics in SPSS	can practice data input, naming variables, and determining the type of variable can practice frequency distribution, descriptive statistics, data exploration and data crosstabulation		Demonstration and practice 3 X 50			0%
10	able to practice graphs in SPSS	can practice bar char, bar chart-stack, bar chart-cluster, pie chart, pie chart (panel option), line chart, scatter plot, and box plot		demonstration and practice 6 X 50			0%
11	able to practice graphs in SPSS	can practice bar char, bar chart-stack, bar chart-cluster, pie chart, pie chart (panel option), line chart, scatter plot, and box plot		demonstration and practice 6 X 50			0%
12	Able to practice Eviews fundamentals	can practice demonstrations on the use of eviews and workfiles basics		demonstration and practice 6 X 50			0%
13	Able to practice Eviews fundamentals	can practice demonstrations on the use of eviews and workfiles basics		demonstration and practice 6 X 50			0%
14	able to practice basic data handling	can explain basic objects can practice basic data handling		demonstration and practice 6 X 50			0%
15	able to practice basic data handling	can explain basic objects can practice basic data handling		demonstration and practice 6 X 50			0%
16	Final exams			3 X 50			0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
		0%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.