	Universitas Negeri Surabaya Vocational Faculty, D4 Transportation Study Program	Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Transportation Regulations	99993940103032		T=3	P=0	ECTS=4.77	1	July 17, 2024

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
	.....	.....	Dr. Anita Susanti, S.Pd., M.T.

Learning model	Case Studies
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 provides an understanding of the provisions of road, rail, port and airport traffic laws, traffic, road, air, sea and rail regulations related to transportation. Determination of domestic road traffic. Minister of Transportation's decisions regarding road traffic and others
References	**Main :**

1.
[1] Bowersox, D.J. 2002. *Manajemen Logistik* . 4th ed. Jakarta: Bumi Aksara
[2] Martin Christopher. 2011. *Logistics and Supply Chain Management* . 4th ed. Great Britain: Pearson
[3] Benjamin S. Blanchard. 1992. *Logistics Engineering and Management* . 4th ed. New York: Prentice-Hall Inc., Englewood Cliffs
[4] Dimyati, T.T. dan Dimyati, A. 2004. *Operations Research* . 7th ed. Bandung: Sinar Baru Algesindo
[5] Dwi Hayu Agustini, M.Y. dan Rahmadi. 2004. *Riset Operasional* . Jakarta: Rineka Cipta
[6] Hillier, F.S. dan Lieberman, G.J. 1990. *Introduction to Operation Research* . 5th ed. New York: McGraw-Hill Publishing Company
[7] Chase, R.B., Aquilano, N.J. dan Jacobs, F.R. 2001. *Operations Management for Competitive Advantage* . 9th ed. New York: McGraw Hill International Edition

	Supporters:
Supporting lecturer	Dr. Ir. H. Dadang Supriyatno, M.T.

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	Students are able to explain the meaning of Transportation Regulations	Explain the meaning of Transportation Regulations · Explain the purpose of implementing Transportation Regulations · Explain the history of the birth of Transportation Regulations · Explain the meaning of Regulations in controlling transportation traffic	**Criteria:** Full marks are obtained if you do all the questions correctly	Lectures, discussions and questions and answers 3 X 50			0%
2	Students are able to explain the role of regulations in the transportation system	Explain the administration of the transportation system. Explain the coordination system in the use of UU and PM	**Criteria:** Full marks are obtained if you do all the questions correctly	Lectures, discussions and questions and answers 3 X 50			0%
3	Students are able to explain logistics systems and operations	Explain the meaning of a logistics system · Explain the meaning of logistics operations · Explain the components of logistics	**Criteria:** Full marks are obtained if you do all the questions correctly	Lectures, discussions and questions and answers 3 X 50			0%
4	Students are able to explain the system and operation of paying average transportation fares	Explain the meaning of payment system · Explain the meaning of regional division operations · Explain the components of average costs	**Criteria:** Full marks are obtained if you do all the questions correctly	Lectures, discussions and questions and answers 3 X 50			0%
5	Students are able to explain cost components which include elements of transportation, inventory, storage and handling of materials - forecasting	Explain logistics components which include elements of transportation, inventory, storage and handling of materials related to forecasting models	**Criteria:** Full marks are obtained if you do all the questions correctly	Lectures, discussions and questions and answers 3 X 50			0%
6	Understand land use and the environment	Mention the relationship between environmental land use and transportation systems.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
7	Understanding people transport terminals.	Mention the people transport terminal.	**Criteria:** 1. Based on the student's ability to understand the terminal 2. Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
8	Midterm Exam	-	**Criteria:** Full marks are obtained if you do all the questions correctly	- 3 X 50			0%
9	Understanding freight transportation terminals.	Mention the goods transport terminal.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
10	Understanding queuing theory in transportation systems.	Applying queuing theory in transportation systems.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%

11	Understanding Parking.	Create Parking analysis.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
12	Understand transportation planning (trip generation/trip generation/trip distribution/trip distribution).	Carry out transportation planning (trip generation/trip generation, trip distribution/trip distribution).	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
13	Understanding split mode/mode selection.	Carry out split mode analysis/mode selection.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
14	Understanding Trip assignment/traffic loading).	Make Trip assignment/traffic loading calculations).	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
15	Understand transportation and the environment and the environmental impact of transportation.	Make transportation and environmental analyzes and the environmental impact of transportation.	**Criteria:** Full marks are obtained if you do all the questions correctly	Discussion presentation and question and answer. 3 X 50			0%
16							0%

Evaluation Percentage Recap: Case Study

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.