

**MODULE HANDBOOK**

**LOGISTIC AND  
SUPPLY CHAIN  
MANAGEMENT**



**BACHELOR DEGREE PROGRAM**

**DEPARTMENT OF STATISTICS**

**FACULTY OF SCIENCE AND DATA ANALYTICS**

**INSTITUT TEKNOLOGI SEPULUH NOPEMBER**

# ENDORSEMENT

## PAGE



### MODULE HANDBOOK LOGISTIC AND SUPPLY CHAIN MANAGEMENT

DEPARTMENT OF STATISTICS

INSTITUT TEKNOLOGI SEPULUH NOPEMBER

<b>Proses Process</b>	<b>Penanggung Jawab Person in Charge</b>			<b>Tanggal Date</b>
	<b>Nama Name</b>	<b>Jabatan Position</b>	<b>Tanda tangan Signature</b>	
Perumus <i>Preparation</i>	Dr. Muhammad Mashuri, M.T.	Dosen <i>Lecturer</i>		March 28, 2019
Pemeriksa dan Pengendalian <i>Review and Control</i>	Dr. Muhammad Mashuri, M.T. Dody Hartanto, S.T, M.T.	Tim kurikulum <i>Curriculum team</i>		April 15, 2019
Persetujuan <i>Approval</i>	Dr. Wibawati, S.Si., M.Si	Koordinator RMK <i>Course Cluster Coordinator</i>		July 17, 2019
Penetapan <i>Determination</i>	Dr. Dra. Kartika Fithriasari, M.Si	Kepala Departemen <i>Head of Department</i>		July 30, 2019

# MODULE HANDBOOK


## LOGISTIC AND SUPPLY CHAIN MANAGEMENT

Module name	<b>Logistic And Supply Chain Management</b>
Module level	Undergraduate
Code	KS184735
Course (if applicable)	Logistic And Supply Chain Management
Semester	Seventh Semester (Ganjil)
Person responsible for the module	Dr. Muhammad Mashuri, M.T.
Lecturer	Dr. Muhammad Mashuri, M.T. Dody Hartanto, S.T, M.T.
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, <b>elective</b> , 7 <sup>th</sup> semester.
Type of teaching, contact hours	Lectures, <50 students
Workload	<ol style="list-style-type: none"> <li>1. Lectures : 3 x 50 = 150 minutes per week.</li> <li>2. Exercises and Assignments : 3 x 60 = 180 minutes (3 hours) per week.</li> <li>3. Private learning : 3 x 60 = 180 minutes (3 hours) per week.</li> </ol>
Credit points	3 credit points (sks)
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to sit in the exams.


Mandatory prerequisites	-	
Learning outcomes and their corresponding to PLOs	<p>After completing the Logistics and Supply Chain Management course students are expected to be able to explain the role and scope of logistics management in the industrial world, use customer service logistics to measure the quality of a service in logistics, use analytical tools in designing logistic networks , explain the role of warehouses in logistics management. , able to evaluate warehousing policies and able to design warehouse layout.</p> <p>In addition, students are also expected to be able to explain the role of transportation in logistics management, be able to evaluate different transportation policies and be able to regulate operational activities in transportation. In general, students are expected to be able to explain the role of logistics in a country and the global context.</p>	PLO.1 , PLO.2, PLO.3, PLO.4
Content	<p>The purpose of this course is to provide knowledge and skills for students to understand concepts and models in logistics and supply chain management and their application in real cases. Students are also equipped to be skilled in using software applications for any required lecture material. With the combination of the ability to understand real problems, translate them into models and methods of solving them, it is hoped that students will have comprehensive knowledge of logistics management and supply chain.</p>	
Study and examination requirements and forms of examination	<ul style="list-style-type: none"> <li>● In-class exercises</li> <li>● Mid-term examination</li> <li>● Final examination</li> </ul>	
Media employed	LCD, whiteboard, websites (myITS Classroom), zoom.	

Reading list	<ol style="list-style-type: none"><li>1. Ballou, Ronald H. 2004. <i>Business Logistics Management</i>. USA: Prentice Hall International, Inc.</li><li>2. Chopra, Sunil. 2007. <i>Supply Chain Management: Strategy, Planning, and Operation</i>. New Jersey: Prentice Hall International, Inc.</li><li>3. Fleischmand et.al. 2003. <i>Quantitative Modelling in Reverse Logistics</i>. Springer.</li><li>4. Ghiani, Gianpaolo. 2004. <i>Introduction to Logistics Systems Planning and Control</i>. California: John Wiley and Sons, Ltd.</li></ol>
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**RENCANA PEMBELAJARAN SEMESTER (RPS)**  
***SEMESTER LEARNING PLAN***


	Program Studi	Sarjana, Departemen Statistika, FSAD-ITS
	Mata Kuliah	Manajemen Logistik dan Rantai Pasok
	Kode Mata Kuliah	KS184735
	Semester/SKS	VII/3
	MK Prasyarat	-
RP-S1	Dosen Pengampu	Dr. Muhammad Mashuri, M.T

<b>Bahan Kajian</b> <i>Study Materials</i>	
<b>CPL yang dibebankan</b> <b>MK/</b> <i>PLO</i>	<p>CPL-1 Mampu menerapkan pengetahuan teori statistika, matematika, dan komputasi</p> <p>CPL-2 Mampu merancang dan melaksanakan pengumpulan data dengan metodologi yang benar</p> <p>CPL-3 Mampu menganalisis data dengan metode statistika yang tepat dan menginterpretasikannya</p> <p>CPL-4 Mampu mengidentifikasi, memformulasi, dan menyelesaikan masalah statistika di berbagai bidang terapan</p> <p><i>PLO.1 Able to apply knowledge of statistical theory, mathematics, and computation</i></p> <p><i>PLO.2 Able to design and collect data with appropriate methods</i></p> <p><i>PLO.3 Able to analyze data with appropriate statistical methods and interpret them</i></p> <p><i>PLO.4 Able to identify, formulate, and solve statistical problems in various applied fields</i></p>
<b>CP-MK</b> <i>CLO</i>	


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	MK Prasyarat	-
RP-S1	Dosen Pengampu	Dr. Muhammad Mashuri, M.T

<b>Perte- muan Meeting</b>	<b>Kemampuan Akhir Sub CP-MK Final Ability</b>	<b>Keluasan (materi pembelajaran) Extent (learning material)</b>	<b>Metode Pembelaj aran Learning methods</b>	<b>Estimasi Waktu Duration</b>	<b>Bentuk Evaluasi Evaluation Type</b>	<b>Kriteria dan Indikator Penilaian Assessment Criteria and Indicators</b>	<b>Bobot Penilaian Scoring</b>
		Introduction to Supply Chain Management	Lecture				
		Supply chain strategy	Lecture				
		Coordinated Product and Supply Chain Design	Lecture, Exercises				
		Network Configuration and Global SC	Lecture, Exercises				




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	MK Prasyarat	-
<b>RP-S1</b>	Dosen Pengampu	Dr. Muhammad Mashuri, M.T

		Demand Management	Lecture, Discussion/Presentation, Exercises, Individual Learning/Assignment				
		Case study presentation	Discussion/Presentation, Group Assignment				
<b>8</b>	<b>ETS</b>						
		Procurement & Contract Management	Lecture, Exercises				

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	MK Prasyarat	-
<b>RP-S1</b>	Dosen Pengampu	Dr. Muhammad Mashuri, M.T

		Integrated inventory management	Lecture, Exercises, Individual Learning/ Assignment				
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		Beer Game and Information Distortion in a SC	Game				
		Supply Chain Performance	Lecture, Exercises				

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	MK Prasyarat	-
<b>RP-S1</b>	Dosen Pengampu	Dr. Muhammad Mashuri, M.T

		Poster presentation	Discussion/Presentation				
		Supply chain technology	Lecture, Individual Learning/Assignment				
		CSCP-like Examination/Company visit/guest lecture/Reviewing latest trends	Guest lecture / field visit				
16	<b>EAS</b>						

**PUSTAKA**

1. Chopra, S., and Meindl, P. (2015). *Supply chain management: Strategy, planning, and operations*, 6<sup>th</sup> Edition. Pearson Education.
2. Simchi-Levi, D., Kaminski, P., and Simchi-Levi, E. (2009). *Designing and managing the supply chain: Concept, strategies, and case studies*. 3<sup>rd</sup> edition, Irwin McGraw-Hill.
3. Pujawan, I N. (2017). *Supply Chain Management*. 3<sup>rd</sup> Edition, Adi Publisher.