
 Universitas Airlangga	SEMESTER LEARNING PLAN		Prepared by	Examined by	Approved by	Document Registration Number
	SLP		Person in Charge	Head of Bachelor Program / Head of Department	Vice Dean I	01/S1Kesmas/RPS/2019
	Revision - Date.	January 1st, 2019	Tito Yustiawan, drg., M.ARS	Dr. Diah Indriani, S.Si., M.Si	Dr. Santi Martini, dr., M.Kes	
Valid on Semester / Academic Year	Even semester	(sign)	(sign)	(sign)		
Faculty of Public Health						

- Evaluation of this document is needed every year

A. DETAILS OF COURSE


1. Course Name	Logistic Management and Inventory Control
2. Course Code	MNS311
3. Credits (SKS)	2 (two) SKS
4. Semester	6 (sixth)
5. Study Program	Bachelor of Public Health
6. Student Learning Achievement	Students are able to elaborate and apply logistics management as well as technique, method, and means of logistics control in health sector
7. Course Learning Achievement	<ol style="list-style-type: none"> 1. Evaluate data integrity and comparability 2. Use ethical principles in collecting data and information 3. Take and interpret data and information related to risk and profit 4. Apply process of data collection and information technology application 5. Identify and apply basic research method used in Public Health
8. Course Description	This course studies and discusses the definition, scope, relevance, tools and methods of logistics management development, including logistics control, especially its application in health organizations
9. Course Prerequisites (if any)	Basic of Health Policy and Administration ; Health Economics
10. Instructor	Tito Yustiawan, drg., M.Kes.
11. Teaching Assistants	Widodo J.Pudjirahardjo, dr., M.S., M.PH., Dr.PH.

B. TEACHING PROGRAM

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Weeks	Skills expected at the end of each learning phase (Sub-Course Achievement) (C, A, P)	Study Materials	Teaching Methods	Additional Materials for Learning	Meeting Time	Course Objectives	Criteria and Indicators of Evaluation (hard and soft skills)	Grade (%)	Reference Number
1	2	3	4	5	6	7	8	9	10
1	Students are able to explain the definition, scope, relevance, and achievement indicators of Logistics Management	1. Definition and Scope of logistics management 2. Relevance of logistics management, mainly in health sector 3. Achievement indicators of logistics management 4. Assignment of logistics data acquisition	1. Lectures 2. Reading assignments	LCD and Whiteboard	2x50 minutes		1. Listening ability 2. Communication		1-6
2	Students are able to explain the definition, scope, value chain, and cycle of logistics control	1. Definition and scope of logistics control 2. Cycle of logistics control 3. Importance of logistics data 4. Definition and Scope of value-	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		3. Listening ability 4. Communication		1-6

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1	2	3	4	5	6	7	8	9	10
		chain management							
3	Students are able to explain the definition and scope of control of logistics use	<ol style="list-style-type: none"> 1. Definition of logistics use control 2. Tool for logistics use control: Formularium, ABC Method, 3. Management of logistics use data 	<ol style="list-style-type: none"> 1. Lectures 2. Group assignments 3. Presentations 	LCD and Whiteboard	2x50 minutes		<ol style="list-style-type: none"> 5. Listening ability 6. Communication 		1-6
4	Students are able to explain the means and application of usage analysis and remaining inventory of logistics	<ol style="list-style-type: none"> 1. Analysis of usage behavior 2. Analysis of remaining inventory 3. Analysis of stagnant and stock-out 4. Analysis of loss 	<ol style="list-style-type: none"> 1. Lectures 2. Group assignments 3. Presentations 	LCD and Whiteboard	2x50 minutes		<ol style="list-style-type: none"> 7. Listening ability 8. Communication 		1-6
5	Students are able to explain various logistics usage and	<ol style="list-style-type: none"> 1. Grouping by using ABC method 	<ol style="list-style-type: none"> 1. Lectures 2. Group assignments 3. Presentations 	LCD and Whiteboard	2x50 minutes		<ol style="list-style-type: none"> 9. Listening ability 		1-6

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	remaining inventory analyses	2. Analysis of stagnant and stock-out 3. Analysis of average usage 4. Analysis of loss					10. Communication		
6	Students are able to explain various logistics usage and remaining inventory analyses	5. Grouping by using ABC method 6. Analysis of stagnant and stock-out 7. Analysis of average usage 8. Analysis of loss	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		11. Listening ability 12. Communication		1-6
7	Students are able to explain the definition and scope of logistics planning and procurement	1. Definition and scope of logistics planning 2. Method of requirement determination 3. Method of logistics planning; EOQ,	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		13. Listening ability 14. Communication		1-6

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1	2	3	4	5	6	7	8	9	10
		MML, MPS-MRP 4. Mechanism of logistics planning							
MID-SEMESTER EXAMINATION									
8	Students are able to explain the application of forecast and requirement determination	1. Definition and relevance of forecast & requirements 2. Method of determining requirements 3. Method of forecasting requirement 4. Logistics data management	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		15. Listening ability 16. Communication		1-6
9	Students are able to explain the application of forecast and requirement determination	5. Definition and relevance of forecast & requirements 6. Method of determining requirements	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		17. Listening ability 18. Communication		1-6

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1	2	3	4	5	6	7	8	9	10
		7. Method of forecasting requirement 8. Logistics data management							
10	Students are able to explain the definition and scope of procurement, reception, and distribution of logistics	1. Definition and scope of logistics procurement and reception 2. Tips for logistics procurement and reception 3. Definition and scope of logistics distribution 4. Various methods of distribution	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		19. Listening ability 20. Communication		1-6
11	Students are able to explain the method of storage, inventory, maintenance, and removal of logistics	1. Method of storage and inventory: FIFO, LIFO	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		21. Listening ability 22. Communication		1-6

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1	2	3	4	5	6	7	8	9	10
		2. Method of maintenance 3. Method of removal 4. Information System of Logistics Management							
12	Students are able to explain the Communication and Information System of Logistics Management	1. Communication system of logistics 2. Relevant department 3. Logistics communication material 4. Information System of Logistics Management	1. Lectures 2. Group assignments 3. Presentations	LCD and Whiteboard	2x50 minutes		23. Listening ability 24. Communication		1-6
13.	Capita-Selecta	Capita-Selecta	1. Lectures 2. Discussions	LCD and Whiteboard.	2x50 minutes		25. Listening ability 26. Communication		1-6

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FINAL-SEMESTER EXAMINATION									

C. REQUIRED READINGS

Readings:

1. Christopher, M. (1998), *logistics and Supply Chain Management*. 2nd ed., Financial Times Professional Limited, London.
2. Quick, J.D. (1996), *Managing Drug Supply: The Selection, Procurement, Distribution and Use of Pharmaceutical*. 2nd ed. Kumarin Press, Inc. Connecticut.
3. Quick, J.D. (1996), *Managing Drug Supply: The Selection, Procurement, Distribution and Use of Pharmaceutical*. 4nd ed. Kumarin Press, Inc. Connecticut.
4. Siregar, C.J.P. (2004), *Farmasi Rumah Sakit: Teori dan Terapan*, EGC, Jakarta.
5. Yamit, Z. (1999). *Manajemen Persediaan*, Cetakan Pertama, Penerbit Ekonesia Fakultas Ekonomi UII, Yogyakarta.
6. Bateman T S and Scott A. Snell, (2002), *Management – Competing in the New Era*, McGraw-Hill, Singapore