

	Program Studi S1 Sistem Informasi	Versi : 1	Tanggal Revisi : 26 Juni 2019
	Fakultas Teknik Dan Ilmu Komputer	Revisi : 0	Tanggal Berlaku :

SILABUS

Nama Mata Kuliah	: <i>Supply Chain Management</i>
Kode Mata Kuliah / SKS	: SIS 302 / 3 SKS

Tgl Berlaku	: -
Tgl Revisi	: -

Silabus/ Deskripsi singkat	Mata Kuliah ini mempelajari tentang konsep dasar SCM, strategi SCM, penanganan rantai suplai, pengembangan rantai suplai, demand planning, inventori management, pertimbangan rancangan produk, perencanaan dan pengendalian operasi (S&OP), logistik, customer relationship management, supplier relationship management, integrasi customer/supplier relationship management, sharing informasi pada rantai suplai, peranan teknologi informasi di rantai suplai, pemanfaatan teknologi inovatif, pemakaian IT dan BIG DATA untuk meningkatkan kinerja rantai suplai.
Tujuan Pembelajaran/ Kompetensi Umum	Setelah menyelesaikan mata kuliah ini, mahasiswa diharapkan dapat mengerti konsep supply chain management (SCM), peranan SCM untuk memenangkan persaingan rantai suplai, pentingnya kolaborasi pada rantai suplai, pemanfaatan teknologi dan aplikasi SCM dalam bidang industri.
Sumber Bahasan/ Pustaka	<ol style="list-style-type: none"> 1. Michael Hugos, Essentials of Supply Chain Management, Hohn Wiley & Sons Inc., 2003. 2. Lawrence D. Fredendall, Ed. Hill, Basics of Supply Chain Management, CRC Press LLC, 2001. 3. Wallace J. Hopp, Supply Chain Science, McGraw-Hil, 2007 4. Colin Scott, Henriette Lundgren, Paul Thompson, Guide to Supply Chain, Springer, 2011 5. Hartmut Stadler, Christoph Kilger, Supply Chain Management and Advanced Planning, Springer, 2005 6. Fundamentals of Supply Chain Management, alamat akses https://www.supplychainonline.com/

No.	Sub Kompetensi	Pokok Bahasan/ Topik	Sub Pokok Bahasan/ Sub Topik	Strategi Pembelajaran			Sumber Bahasan/ Pustaka
				Waktu	Media	Metode	
1	Memahami peranan strategis SCM untuk memenangkan persaingan antar rantai suplai.	Pendahuluan	<ul style="list-style-type: none"> Definisi SCM Aliran material, informasi dan uang Tantangan SCM 	<ul style="list-style-type: none"> 150 menit 	<ul style="list-style-type: none"> LCD Projector Laptop 	<ul style="list-style-type: none"> Ceramah Diskusi Contoh kasus 	<ul style="list-style-type: none"> Chapter 1, Essentials of Supply Chain Management, Participants in Supply Chain. Jurnal
2	Mahasiswa memahami istilah-istilah dasar terkait SCM.	Konsep Dasar SCM	<ul style="list-style-type: none"> Variabilitas, sumber dan pengukurannya. System Dynamic Bullwhip Effect, pengukurannya & Beer Games Organizational Silos & Tradeoff curve Theory of Constraint 	<ul style="list-style-type: none"> 150 menit 	<ul style="list-style-type: none"> LCD Projector Laptop 	<ul style="list-style-type: none"> Ceramah Diskusi Contoh kasus Tugas 	<ul style="list-style-type: none"> Chapter 4, Basic of Supply Chain Management, Variance and Dependent Event. Jurnal
3	Mahasiswa memahami pentingnya strategi win-win dalam SCM	Strategi SCM	<ul style="list-style-type: none"> Strategi Perusahaan Strategi rantai suplai Alignment strategi rantai suplai dengan startegi perusahaan Koordinasi dan sharing informasi pada rantai suplai 	<ul style="list-style-type: none"> 150 menit 	<ul style="list-style-type: none"> LCD Projector Laptop 	<ul style="list-style-type: none"> Ceramah Diskusi Contoh kasus Tugas Quiz 	<ul style="list-style-type: none"> Chapter 7, Guide to Supply Chain Management, Guide to Strategi in Supply Chain Management Jurnal
4	Mahasiswa memahami aspek pengaturan pada rantai suplai.	Pengaturan rantai suplai	<ul style="list-style-type: none"> Prioritas pengambilan keputusan terkait rantai suplai Pemakaian metric untuk mengarahkan SCM Sinkronisasi metric di 	<ul style="list-style-type: none"> 150 menit 	<ul style="list-style-type: none"> LCD Projector Laptop 	<ul style="list-style-type: none"> Ceramah Diskusi Contoh kasus Tugas Quiz 	<ul style="list-style-type: none"> Chapter 3, Basics of Supply Chain Management, Performance Measure Chapter 3, Essentials of Supply Chain Management, Measuring

			rantai suplai				Performance: Supply Chain Metrics
5	Mahasiswa mengerti pengembangan rantai suplai yang berkesinambungan	Pengembangan rantai suplai	<ul style="list-style-type: none"> ▪ Continuous improvement ▪ Visibility & Analysis ▪ Goal & Benchmarking ▪ Implementation & Change Management 	<ul style="list-style-type: none"> • 150 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Quiz 	<ul style="list-style-type: none"> • Chapter 7, Essentials of Supply Chain Management, Developing Supply Chain Systems • Chapter 5, Basics of Supply Chain Management, Basic of Quality Management
6-7	Mahasiswa mengerti proses perencanaan dan pemenuhan permintaan	Perencanaan permintaan	<ul style="list-style-type: none"> ▪ Gambaran umum demand planning ▪ Supply Chain Dynamic ▪ Forecasting ▪ Jenis-jenis kolaborasi ▪ Perananan marketing pada demand planning 	<ul style="list-style-type: none"> • 300 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Quiz 	<ul style="list-style-type: none"> • Chapter 2, Essentials of Supply Chain Management, Supply Chain Operation: Planning and Sourcing • Section 2.2, Guide to Supply Chain Management, Demand and Supply Planning • Chapter 8, Basics of Supply Chain, Customer Linkage
Ujian Tengah Semester							
8-10	Mahasiswa mengerti proses perencanaan dan pengendalian operasi terkait dengan SCM	Perencanaan pengendalian dan Operasi	<ul style="list-style-type: none"> ▪ Perencanaan Penjualan ▪ Perencanaan Operasi ▪ Perencanaan Produksi ▪ MPS, MRP, DRP, CRP, PAC ▪ Manajemen persediaan 	<ul style="list-style-type: none"> • 450 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Tugas • Quiz 	<ul style="list-style-type: none"> • Chapter 15, Basics of Supply Chain, Material Management • Chapter 2, Guide to Supply Chain Management, Guide to Plan in Supply Chain Management • Chapter 7, SCM Science, Inventory

							<ul style="list-style-type: none"> • Chapter 8, SCM Science, Pooling • Chapter 9, SCM Science, Coordination
11	Mahasiswa mengerti proses logistik terkait dengan SCM	Logistics	<ul style="list-style-type: none"> ▪ Transportasi ▪ Warehouse ▪ 3PL & 4PL ▪ Reverse Logistik 	<ul style="list-style-type: none"> • 150 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Quiz 	<ul style="list-style-type: none"> • Chapter 1, Essential of Supply Chain Management, Basic Concepts of Supply Chain Management • Section 5.2, Guide to Supply Chain Management, Transport Management • Section 5.3, Guide to Supply Chain Management, Warehouse Management • Chapter 6, Guide to Supply Chain Management, Guide to Return in Supply Chain Management
12-13	Mahasiswa mengerti strategi manajemen hubungan terkait dengan SCM	Manajemen Hubungan Customer dan Supplier	<ul style="list-style-type: none"> ▪ CRM ▪ SRM ▪ Teknologi ▪ Aliansi Strategis ▪ Implementasi ▪ Pengukuran Kinerja 	<ul style="list-style-type: none"> • 150 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Tugas 	<ul style="list-style-type: none"> • Chapter 16, Basics of Supply Chain Management, Purchasing and Distribution • Chapter 10, Guide to Supply Chain Management, Guide to Customer Service in Supply Chain Management • Chapter 3, Guide to Supply Chain Management, Guide to Source in Supply Chain

							Management
14	Mahasiswa memahami pemanfaatan teknologi IT untuk memungkinkan dan meningkatkan SCM	Pemanfaatan teknologi IT	<ul style="list-style-type: none"> ▪ WMS, TMS, PDCM, LMS, SCEM, APS ▪ SOA, EDI, XML, Webservices ▪ AIDC, RFID 	<ul style="list-style-type: none"> • 90 menit • 60 menit 	<ul style="list-style-type: none"> • LCD Projector • Laptop 	<ul style="list-style-type: none"> • Ceramah • Diskusi • Contoh kasus • Tugas 	<ul style="list-style-type: none"> • Chapter 6, Essential of Supply Chain Management, Defining Supply Chain Opportunities • Chapter 17, Basics of Supply Chain Management, Information Technology and Supply Chain • Jurnal
16	Ujian Akhir Semester						

Disahkan oleh	Disetujui oleh	Diperiksa oleh	Dibuat oleh
Pembantu Ketua I	Ketua Program Studi	Ketua Tim Dosen Mata Kuliah	Dosen Pengampu
Yenni Agus Nurhuda, S.Si., M.Cs.	Rusliyawati, S.Kom., M.T.I.	Rusliyawati, S.Kom., M.T.I.	Donaya Pasha, S.Kom., M.Kom.

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Pembantu Ketua I	Ketua Program Studi	Ketua Tim Dosen Mata Kuliah	Dosen Pengampu
Yenni Agus Nurhuda, S.Si., M.Cs.	Rusliyawati, S.Kom., M.T.I.	Rusliyawati, S.Kom., M.T.I.	Donaya Pasha, S.Kom., M.Kom.