



RENCANA PROGRAM KEGIATAN PERKULIAHAN SEMESTER (RPKPS)

Kode / Nama Mata Kuliah	: A12.56604/Perencanaan Strategi SI	Revisi ke	: -
Satuan Kredit Semester	: 2 SKS	Tgl revisi	: -
Jml Jam kuliah dalam seminggu	: 100 menit	Tgl mulai berlaku	: 2 Maret 2015
		Penyusun	: Yupie Kusumawati, SE,M.Kom
Jml Jam kegiatan laboratorium	: -	Penanggung jawab Keilmuan	: Yupie Kusumawati, SE,M.Kom

Deskripsi Mata kuliah : Pada mata kuliah perencanaan strategi sistem informasi ini, mahasiswa akan diajarkan berbagai konsep dasar perencanaan strategi sistem informasi, mengimplementasikan strategi sistem informasi, selain itu beberapa tools akan diajarkan kepada mahasiswa guna meningkatkan inovasi dalam perencanaan dan implementasi dari strategi sistem informasi. Mahasiswa akan diberikan tugas yang menantang untuk dapat mengembangkan inovasi dalam perencanaan strategi sistem informasi. Konsep perencanaan strategi sistem informasi yang akan diajarkan antara lain: Developments in the application of information technology in business; The evolving information systems strategy; Information strategy; The information technology and management infrastructure strategy; Change management strategy; Information systems plans in context: A global perspective; Approaches to information systems planning; The information systems planning process; Evaluating the outcomes of information systems plans; Measuring the information systems-business strategy relationship; Information systems-business strategy alignment; Strategies in response to the potential of electronic commerce; The strategic potential of the internet; Evaluating the impact of IT on the organization; The information technology-organizational design relationship; Information technology and organizational decision making; The information technology-organizational culture relationship; Information system and organizational learning; Information technology and customer service; Information technology and organizational performance.

Standar Kompetensi : Setelah mengikuti mata kuliah ini

1. Mahasiswa mampu memahami konsep dasar IS/IT Strategic Planning secara umum.
2. Mahasiswa mampu memahami konsep dasar IS/IT Strategic Planning berbasis teknologi informasi.
3. Mahasiswa mampu memahami konsep dasar IT/IS Strategic Planning digabungkan dengan teknologi terkini.
4. Mahasiswa mampu menerapkan konsep IS/IT Strategic Planning ke dalam proyek nyata di lapangan dengan contoh-contoh yang akan diberikan oleh dosen.
5. Mahasiswa mampu menganalisis situasi kasus dengan menggunakan konsep IS/IT Strategic planning yang telah diajarkan di perkuliahan.
6. Mahasiswa akan memiliki tingkat analisis, kreativitas dan inovasi yang tajam tentang konsep IS/IT Strategic Planning.
7. Jadwal Kegiatan Mingguan

Pertemuan ke :	Kompetensi Dasar	Indikator	Pokok Bahasan/Materi	Aktifitas Pembelajaran	Rujukan
1	Mahasiswa diharapkan mampu memahami kontrak kuliah mata kuliah Perencanaan Strategis Sistem Informasi dan memahami peranan sistem informasi dan teknologi informasi dalam organisasi.	Mampu memahami dan menjalankan tata tertib perkuliahan dan memahami rencana perkuliahan.	<p>KONTRAK KULIAH</p> <p>OVER VIEW MATA KULIAH PSSI</p> <p>The evolving role of information systems and technology in organization: a strategic approach; information systems Vs information technology; early views and models of IT/IS in organization; early views and models: up to 1980; the DP and MIS eras- the lesson learned; the three era model; the strategic information systems era; strategic issues of IS/IT- classifications_ factors for success and management implications; success factors in strategic information systems; the management implications; what is an IT/IS strategy?; the context for IS/IT strategy; toward a fourth era- an organizational IS capability.</p>	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
2	Mahasiswa akan memahami konsep An Overview Of Business Strategy Concepts And	Mahasiswa mampu menjelaskan konsep strategi bisnis	<p>AN OVERVIEW OF BUSINESS STRATEGY CONCEPTS AND THE IT/IS STRATEGY IMPLICATION</p>	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	

Pertemuan ke :	Kompetensi Dasar	Indikator	Pokok Bahasan/Materi	Aktifitas Pembelajaran	Rujukan
	The IT/IS Strategy Implication.		The evolving nature of strategy and strategic planning in organization; the strategic framework; strategy implementation; strategy tools and techniques; a resource based view of strategy.		
3	Mahasiswa akan memahami konsep Developing An IT/IS Strategy: Establishing Effective Processes.	Mampu memahami IT/IS Strategic Planning- Effective & Efficiency	<p>DEVELOPING AN IT/IS STRATEGY: ESTABLISHING EFFECTIVE PROCESSES</p> <p>The evolution of the IT/IS strategic planning- from technology focus to strategic focus; approaches to IS/IT strategic development; problems and barriers; the environment of the IS/IT today; the challenges of planning strategically for IS/IT today; establishing an IS/IT strategic process; purpose and stimuli driving IS/IT strategic development; scope-objectives-expectations; an IS/IT strategy framework and approach; deliverables from the IS/IT strategy process.</p>	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
4	Mahasiswa akan memahami IS/IT Strategic Analysis: Assessing And Understanding The Current Situations.	Mampu menjelaskan analisis strategi sistem informasi	<p>STRATEGIC ANALYSIS: ASSESSING AND UNDERSTANDING THE CURRENT SITUATIONS</p> <p>Business to re-engineering and IS strategy; understanding the</p>	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	

Pertemuan ke :	Kompetensi Dasar	Indikator	Pokok Bahasan/Materi	Aktifitas Pembelajaran	Rujukan
			current situations; interpreting the business strategy; examining the current IS/IT environment; techniques for interpretation and analysis; information requirements to meet the current business and objectives; the use of critical success factors and Balance Scorecards; business process analysis; organizational modeling; evaluating the Gap between current and required IS/IT environments		
5	Mahasiswa akan memahami IS/IT Strategic Analysis: Determining The Future Potential.	Mampu memahami konsep Determining the future potential	STRATEGIC ANALYSIS: DETERMINING THE FUTURE POTENTIAL Aligning the IS/IT investment strategy to the business; value chain analysis; the external value chain (industry value chain or value systems); information systems and the value chain; the internal value chain; alternative value configuration models; the use of value chain analysis; natural and contrived value chains; business-reengineering and the value chain.	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
6	Mahasiswa akan memahami konsep Determining The	Mampu memahami Business information systems strategy	DETERMINING THE BUSINESS INFORMATION SYSTEMS STRATEGY	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	

Pertemuan ke :	Kompetensi Dasar	Indikator	Pokok Bahasan/Materi	Aktifitas Pembelajaran	Rujukan
	Business Information Systems Strategy.		Strategic planning techniques and their relationships; framework in which the tools and techniques can be used effectively; identifying how IS/IT could impact the strategy; establishing the relative priorities for IS/IT investments; large organizations, multiple SBU's and their consolidation.		
7	Overview minggu 1-6. Pembahasan studi kasus khusus dan nyata.	Overview minggu 1-6	OVERVIEW MINGGU 1-6 a. Overview minggu 1-6. b. Pembahasan studi kasus	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
Ujian Tengah Semester					
8	Mahasiswa akan memahami proses perencanaan	Mampu memahami dan menjelaskan berbagai komponen dalam proses perencanaan	THE PLANNING PROCESS Planning components Planning process : a. Phase 1 : Visioning b. Phase 2 : Analysis c. Phase 3 : Direction d. Phase 4 : Recommendation	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
9, 10	Mahasiswa mampu memahami phase visioning dalam perencanaan strategi sistem informasi	Mampu menjelaskan hal – hal yang terkait dengan phase visioning	THE VISIONING PHASE a. Initiate and Manage the Project b. Understand the Business situation and Vision c. Document and Confirm the Business Analysis d. Business Requirement	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
11, 12	Mahasiswa memahami phase analysis dalam	Mampu menjelaskan kondisi sistem informasi dan dokumentasi sistem	THE ANALYSYS PHASE	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	

Pertemuan ke :	Kompetensi Dasar	Indikator	Pokok Bahasan/Materi	Aktivitas Pembelajaran	Rujukan
	perencanaan strategis sistem informasi	informasi serta melakukan analisa kondisi sistem informasi dengan metode SWOT	a. Understanding the current IS situation b. Review IS Documentation c. Analyzing the current IS Situation with SWOT method d. Developing Recommendation and Solution Alternatives		
13	Mahasiswa mampu mengembangkan dan mengarahkan visi Sistem Informasi	Mampu mengembangkan dan mengarahkan visi, misi, tujuan dan strategi sistem informasi serta mengembangkan perencanaan sistem informasi.	THE DIRRECTION PHASE a. Developing the IS Vision and Mision, IS Goals and Strategies b. Determine the IS Ballanced Scorecard and Metrics c. Developing the IS Plan d. Identifying IS Project	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
14	Mahasiswa dapat memahami tahapan Recommendation dan mengembangkan Road Map	Mahasiswa dapat membuat road map perencanaan strategis sistem informasi dan mengembangkan business case serta mengkomunikasikan hasil perencanaan strategis sistem informasi.	THE RECOMMENDATION PHASE a. Develop a Road Map b. Develop a Business Case c. Communicate the Plan	Ceramah, Brainstorming, Presentasi Slide LCD, Tanya Jawab, Diskusi	
Ujian Akhir Semester					

Level Taksonomi :

Kognitif		Psikomotor		Afektif	
Pengetahuan (knowledge)		Peniruan (imitation)		Menerima (receiving)	
Pemahaman (comprehension)	15 %	Manipulasi (manipulation)	10 %	Menanggapi (responding)	5 %
Penerapan (application)	15 %	Ketepatan (precision)		Menilai (valuing)	
Analisis (analysis)	30 %	Artikulasi (articulation)		Mengelola (organizing)	5 %
Sintesis (synthesis)	10 %	Pengalamiahan (naturalization)	10 %	Menghayati (characterizing)	
Evaluasi (evaluation)					



Komposisi Penilaian :

Aspek Penilaian	Prosentase
Ujian Akhir Semester	30 %
Ujian Tengah Semester	25 %
Tugas Mandiri	20 %
Kuis	15 %
Kehadiran Mahasiswa	5 %
Sikap	5 %
Total	100 %

Daftar Referensi

Wajib :

1. John Ward & Joe Peppard (2002), Strategic Planning For Information Systems, John Wiley & Sons., Ltd, Great Britain
2. Anita Casidi, Second Edition, A Practical Guide to Information System Strategic Planning, Auerbach Publications

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