

# SILABUS

Mata Kuliah	: SISTEM INFORMASI MANAJEMEN
SKS	: 3
Kode Mata Kuliah	: KS6110112
Dosen	: Prof. Dr. H. Deden Mulyana, SE., M.Si Dr. Ati Rosliati, SE.,Ak.,MM.,CA.

## **A. Deskripsi singkat :**

Sistem Informasi Manajemen membahas mengenai: Komputer sebagai sistem informasi organisasi, Metodologi sistem, Komputer sebagai peralatan pemecahan masalah, Sistem informasi berbasis komputer, dan Sistem informasi organisasi.

## **B. Tujuan :**

Setelah mengikuti mata kuliah ini mahasiswa akan dapat menjelaskan sistem informasi manajemen berbasis komputer untuk menciptakan keunggulan bersaing.

### **C. Peraturan Kelas :**

Sesuai dengan Tata Tertib Perkuliahan yang berlaku.

### **D. Komponen Penilaian :**

- |                         |     |
|-------------------------|-----|
| - Keaktifan di kelas    | 30% |
| - Tugas-tugas           | 10% |
| - Ujian Tengah Semester | 30% |
| - Ujian Akhir Semester  | 30% |

(Prosentase kehadiran di kelas minimum 75% turut dipertimbangkan dalam penentuan Nilai Akhir)

## E. Rencana Kuliah:

Pertemuan ke	Materi	Bahan
1	<b>Introduction to the Information System:</b> Introduction, Half the Size But Twice the Speed, History of information system, Introduction to computer architecture, The evolution in computer application, Transaction Processing Systems, Management Information Systems, Virtual Office Systems, Decision Support Systems (DSS).	Ch.1
2	Enterprise Resource Planning Systems (ERP), Manager as information system users, What Managers Do, The role of information in management problem solving, The future of information technology.	Ch. 1
3	The Computer Base Information System	Ch.1
4	<b>Information System for Competitive Advantage:</b> The firm and its environment, The General Systems Model of the Firm, Environmental Resource Flows, Competitive advantage, Porter's Value Chains, The Dimensions of Competitive Advantage, Challenges from global competitors, Information management, The Dimensions of Information The Changing Nature of Information Management, Strategic planning for information resources, Strategic Planning for Information Resources (SPIR), Global business strategies.	Ch. 2 Kel.I

Pertemuan ke	Materi	Bahan
5	<p><b>Using Information Technology to Engage in Electronic Commerce:</b> Electronic Commerce, Electronic Commerce Beyond the Boundary of the Firm, Anticipated Benefits from Electronic Commerce, Electronic Commerce Constraints, Scope of Electronic Commerce, The Path to Electronic Commerce, Business intelligence, External Databases, Search Engines, The Interorganizational System (IOS), IOS Benefits, Electronic Data Interchange (EDI), Extranet, Electronic Funds Transfer (EFT), Proactive and Reactive Business Partners, Adoption Influences, Indirect IOS Benefits, A Challenge to EDI, B2C Strategies for electronic commerce, Products and Services to Be Delivered to the Consumer Over the Internet, Virtual Versus Hybrid Sales, Evolution of the internet, Cyberspace and the information superhighway, Business application of the internet, Marketing Research and Retailing Applications, Suggestions for Successful Internet Use, Future Impact of the Internet on Business.</p>	Ch. 3 Kel.II
6	<p><b>System Users and Developers:</b> The Business Organization, Office Automation, The Virtual Office, The Virtual Organization, The Information Services Organization, End-User Computing, Users As an Information Resource, System Development Knowledge and Skill, Challenges in Developing Global Information Systems, Putting The System Users And Information Specialist in Perspective.</p>	Ch. 4 Kel. III

Pertemuan ke	Materi	Bahan
7	<b>Computing and Communication Resources:</b> Hardware, Personal Computing Devices, Software, Communication-Public Telephone System, Network Types, Convergence of Computing and Communication.	Ch. 5 Kel. IV
	Ujian Tengah Semester	
8	<b>Database Management System:</b> Data Organization, Database Structures, Creating Database, Using the Database, Managing the Database, Database Management System In Perspective.	Ch. 6 Kel. V
9	<b>System Development:</b> The System Approach, The System Development Life Cycle, The Traditional SLDC, Prototyping, Rapid Application Development, Phased Development, Business Process Redesign, Process Modeling.	Ch. 7 Kel. VI

Pertemuan ke	Materi	Bahan
10	<b>Information In Action:</b> The Transaction Processing System, Organizational Information System, Customer Relationship Management, Data Warehousing, Indormation Delivery, Data Mining.	Ch. 8 KEL. VII
11	<b>Information Security:</b> Information Security Management (ISM), Threats, Risks, The Motorious Threat-The "Virus", E-Commerce Considerations, Risk Management, Information Security Policy, Controls, Technical Controls, Formal Controls, Achieving The Proper Level of Controls, Government and Industry Assistance, Government Legislation, Industry Standards, Professional Certification, Putting Information Security Management In Persepective, Business Continuity Management (BCM).	Ch. 9 KEL.VIII
12	<b>Ethical Implication of Information Technology:</b> Prescriptive Versus Descriptive Coverage, Morals, Ethics, and Laws.	Ch. 10 KEL.IX
13	<b>Decision Support Systems:</b> What it's All About Decision Making, Building on the Concepts, The DSS Concept, Mathematical Modeling, Mathematical Modeling Using The Electronic Spreadsheet.	Ch. 11 KEL. X
14	Artificial Intelligence, Group Decision Support Systems.	Ch. 11 KEL. XI

## F. Referensi:

### Utama:

1. McLeod, Raymond Jr. and George Schell, 2007, *MANAGEMENT INFORMATION SYSTEMS*, 10<sup>th</sup> Edition, New Jersey: Prentice Hall, Inc.
2. Kenneth C. Laudon • Jane P. Laudon. 2020. *Management Information Systems Managing the Digital Firm*. Fifteenth Edition. New York: Pearson Education Limited.

### Penunjang:

1. Syifa Awalia, Nikous Soter Sihombing, Dian Sudiantini, Joko Sabtohad, Kurniawan Harun Rasyid. 2022. *Sistem Informasi Manajemen*. Banyumas: CV. Pena Persada.

## **Sistematika Makalah sbb:**

### **BAB I : PENDAHULUAN**

**Latar belakang mengapa mengambil obyek yang dipilih**

### **BAB II : KAJIAN PUSTAKA**

**Pendalaman tentang teori-teori**

### **BAB III: ANALISIS KOMPARATIF**

**Perbandingan antara obyek dengan kajian pustaka**

### **BAB IV : KESIMPULAN DAN REKOMENDASI**