



**Universitas Negeri Surabaya
Faculty of Economics and Business
Bachelor of Business Education Study Program**

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date
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Management information System	8721103073	Study Program Elective Courses	T=3 P=0 ECTS=4.77	5	May 4, 2023
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AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
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Learning model	Project Based Learning
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Program Learning Outcomes (PLO)	PLO study program that is charged to the course
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PLO-8	Able to demonstrate a responsible attitude for achieving work results both individually and in groups
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PLO-11	Able to communicate both orally and in writing in the educational and scientific fields of Business and Marketing
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PLO-14	Able to plan, manage and evaluate learning in the educational and scientific fields of Business and Marketing
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PLO-16	Able to apply management functions in managing and evaluating business feasibility
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Program Objectives (PO)	
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PO - 1	Mastering the concept and scope of management information systems as part of improving the quality of life in society, nation, state and the progress of civilization based on Pancasila
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PO - 2	Able to demonstrate a responsible attitude towards the work/assignments given independently, with quality and measurability by mastering and utilizing relevant information and communication technology principles and procedures to support the development of learning quality
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PO - 3	Able to make appropriate decisions in the context of completing independent/group assignments based on the results of information and data analysis and communicating the results both orally and in writing effectively
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PLO-PO Matrix	
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	P.O	PLO-8	PLO-11	PLO-14	PLO-16
	PO-1				
	PO-2				
	PO-3				

PO Matrix at the end of each learning stage (Sub-PO)	
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	P.O	Week															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	PO-1																
	PO-2																
	PO-3																

Short Course Description	This course discusses the basic concepts of management information systems theory, information system applications through electronic business, information systems and organizations, social and ethical issues in information systems, knowledge management in information systems, decision making, information technology infrastructure and technological developments, internet telecommunications and wireless technology, protecting information systems, databases and information management. Lectures are carried out using a system of lectures, discussions, case studies and presentations.
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References	Main :
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1. Sunyoto, D. 2014. Sistem Informasi Manajemen, CAPS (Center for Academic Publishing Service), Yogyakarta.
2. Sukoharsono, E. G. 2008. Sistem Informasi Manajemen, Surya Pena Gemilang, Malang
3. Laudon, K. C., & Laudon, J. P. 2021. Management Information Systems:Managing The Digital Firm, 17th Edition, Pearson Higher Ed.
4. McLeod, R. 2008. Sistem Informasi Manajemen. Edisi 10. Jakarta : Salemba Empat.
5. O'Brien. 2014. Sistem Informasi Manajemen. Edisi 9. Jakarta : Salemba Empat
6. Scott, G. M. 2010. Prinsip-Prinsip Sistem Informasi Manajemen. Edisi Bahasa Indonesia, PT. Rajawali Pers: Jakarta.
7. Rochaety, E. 2017. Sistem Informasi Manajemen. Jakarta: Mitra Wacana Media

Supporters:

Supporting lecturer Dwi Yuli Rakhmawati, S.Si., M.Si., Ph.D.
Putri Hestiningrum, M.Pd.

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Able to describe the basic concepts and scope of management information systems.	<ol style="list-style-type: none"> 1. Describe the basic concepts and scope of management information systems 2. Describe information systems 3. Describes the latest and most up-to-date communication techniques and technological developments in management 4. Analyze cases and applications of management information systems 	<p>Criteria: Able to answer questions regarding the material</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Reading literature, lectures, presentations and discussions 3 X 50	Reading literature, lectures, presentations and discussions 3 X 50	<p>Material: 1. Basic concepts and scope of management information systems 2. Definition of information system 3. Communication techniques and the latest and latest technological developments 4. The development of information technology to manage the company 5. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Reference: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	3%
2	Able to understand electronic business systems (E-Business)	<ol style="list-style-type: none"> 1. Describe the role of information technology 2. Describe the role of communication networks in the company 3. Describes information technology as the company's main asset 4. Identify developments in information technology to manage companies 	<p>Criteria: Able to answer questions regarding the material</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. The role of information technology 2. The role of the Communication Network in the company 3. Information Technology as the Company's Main Asset 4. The development of information technology to manage the company. 5. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Scott, GM 2010. Principles of Management Information Systems. Indonesian Edition, PT. Rajawali Press: Jakarta.</i></p>	3%

3	Able to explain about e-commerce, and current e-commerce development trends	<ol style="list-style-type: none"> 1.Explains E-commerce and its features. 2.Outlining the trade cycle through e-commerce. 3.Identifying e-commerce business models 4.Identifying e-commerce development trends 	<p>Criteria: Able to answer questions regarding the material</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. E-commerce and its features. 2. The trade cycle through e-commerce. 3. E-commerce business model 4. Trends in the development of e-commerce. 5. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Laudon, KC, & Laudon, JP 2021. Management Information Systems:Managing The Digital Firm, 17th Edition, Pearson Higher Ed.</i></p>	3%
4	Able to know information system protection	<ol style="list-style-type: none"> 1.Explain the concept of enterprise resource planning. 2.Outlining the Goals of enterprise resource planning 3.Identifying the function of enterprise resource planning 4.Describe resource planning. 	<p>Criteria: Able to answer questions regarding the material</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. Enterprise resource planning concept. 2. Enterprise resource planning goals 3. Functions of enterprise resource planning 4. resource planning. 5. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Laudon, KC, & Laudon, JP 2021. Management Information Systems:Managing The Digital Firm, 17th Edition, Pearson Higher Ed.</i></p>	3%
5	Able to understand information system applications	<ol style="list-style-type: none"> 1.Explain the features of decision support systems 2.Describe the types of decision support systems 3.Identifying the stages of decision support system development 4.Describes human-computer interaction 5.Identifying expert system architecture and knowledge representation 	<p>Criteria: Able to answer questions about expert systems</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. Decision support system features 2. Types of decision support systems 1. Stages of decision support system development 2. Human-computer interaction 3. Expert system architecture and knowledge representation 4. National and International Journals as well as from news or newspapers that are in according to the subject</p> <p>Bibliography: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	3%

6	Able to compare the use of TQM applications in company management	<ol style="list-style-type: none"> Describe the Total Quality Management (TQM) Philosophy Outlining the Pillars of Total Quality Management Analyzing Potential Obstacles to Implementing TQM 	<p>Criteria: Able to answer questions regarding TQM</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. Total Quality Management (TQM) Philosophy 2. Pillars of Total Quality Management 3. Potential Obstacles to TQM Implementation 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Laudon, KC , & Laudon, JP 2021. Management Information Systems:Managing The Digital Firm, 17th Edition, Pearson Higher Ed.</i></p>	5%
7	Able to compare the use of TQM applications in company management	<ol style="list-style-type: none"> Describe the relationship between TQM and QWL in the Company Describe the Service Company Quality Approach (Service Quality) Analyzing Service Improvement Efforts within the Company 	<p>Criteria: Able to answer questions regarding QWL</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. The relationship between TQM and QWL in the company 2. Service Company Quality Approach (Service Quality) 3. Service Improvement Efforts within the Company 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	4%
8	Midterm Exam	Ability to do Midterm Exam questions correctly	<p>Criteria: Midterm Exam assessment results</p> <p>Form of Assessment : Test</p>	Midterm Exam 2 X 50	Midterm Exam 2 X 50	<p>Material: Midterm Exam</p> <p>References: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	20%
9	Able to explain information system development methods according to the complexity of the information system	<ol style="list-style-type: none"> Be able to name resources that can help manage IT through discussion Be able to mention sources for purchasing software or getting it for free to maintain computer security Able to explain the importance of E-mail 	<p>Criteria: 1. The maximum score with all correct answers is: 100 with the following criteria: 2.1. Correct 1 value 20 3.2. Correct 2 marks 40 4.3. Correct 3 marks 60 5.4. Correct 4 marks 80 6.5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. Needs analysis and design of information systems 2. A structured approach to the analysis and design of information systems 3. Alternatives in developing information systems 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Library: <i>Sukoharsono, EG 2008. Management Information Systems, Surya Pena Gemilang, Malang</i></p>	2%

10	Able to prepare information system development plans	<ol style="list-style-type: none"> 1.Outlines the objectives of information system development 2.Design integrated systems according to technical, safety and environmental health standards 3.Create a simple information system from designed business processes 	<p>Criteria: The maximum score with all correct answers is: 100 with the following criteria: 1. Correct 1 mark 20 2. Correct 2 marks 40 3. Correct 3 marks 60 4. Correct 4 marks 80 5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. the purpose of developing an information system 2. Integrated system according to technical standards, safety and environmental health 3. simple information system of designed business processes 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>O'Brien. 2014. Management Information Systems. Edition 9. Jakarta : Salemba Empat</i></p>	3%
11	Able to prepare needs investigations for information system design.	<ol style="list-style-type: none"> 1.Explain the role of systems analysis 2.Describes system requirements investigation techniques 3.Analyzing business processes for information system design 	<p>Criteria: Assessment Criteria a. Presentation techniques and skills 20% b. Ability to Interact with Audience (Interaction) 20% c. Material Mastery Presented (Complete & Systematic Presentation Slides) 20% e. Case Completion 20%</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	<p>Material: 1. The role of system analysis 2. System requirements investigation techniques 3. Business processes for information system design 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Library: <i>Sukoharsono, EG 2008. Management Information Systems, Surya Pena Gemilang, Malang</i></p>	5%
12	Able to compile use cases for information system design	<ol style="list-style-type: none"> 1.Explaining Use cases and User goals 2.Describes the Types of Use and Event Decomposition 3.Identifying Use cases and CRUD 	<p>Criteria: The maximum score with all correct answers is: 100 with the following criteria: 1. Correct 1 mark 20 2. Correct 2 marks 40 3. Correct 3 marks 60 4. Correct 4 marks 80 5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Cooperative learning Discussion Case study 3x50	Cooperative learning Discussion Case study 3x50	<p>Material: 1. Use cases and User goals 2. Use and Event Decomposition 3. Use cases and CRUD 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>McLeod, R. 2008. Management information System. Edition 10. Jakarta : Salemba Empat.</i></p>	3%

13	Able to compile data flow diagrams for an information system	<ol style="list-style-type: none"> 1.Explaining Use case analysis diagrams 2.Define process modeling using data flow diagrams 3.Describe data flow diagrams 4.Decoding Data dictionaries 	<p>Criteria: The maximum score with all correct answers is: 100 with the following criteria: 1. Correct 1 mark 20 2. Correct 2 marks 40 3. Correct 3 marks 60 4. Correct 4 marks 80 5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Discussion and case studies 3x50	Discussion and case studies 3x50	<p>Material: 1. Use case diagrams Analysis 2. process modeling using data flow diagrams 3. Data flow diagrams 4. Data dictionaries 5. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>Bibliography: <i>Rochaety, E 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	5%
14	Able to prepare interface designs for an information system	<ol style="list-style-type: none"> 1.Explaining the interface design decision table (Interface) 2.Explaining the concept of interface design 3.Provides an overview of the transition from analysis results to user interface and system design 	<p>Criteria: The maximum score with all correct answers is: 100 with the following criteria: 1. Correct 1 mark 20 2. Correct 2 marks 40 3. Correct 3 marks 60 4. Correct 4 marks 80 5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Discussion and case study 3x50	Discussion and case study 3x50	<p>Material: 1. Interface design decision table (Interface) 2. Concept interface design 3. Transition from analysis results to user interface and system design. 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>References: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	3%
15	Able to prepare interface designs for an information system	<ol style="list-style-type: none"> 1.Describes system input design 2.Describes the external design of the system 3.Identifying development trends in information systems development management 	<p>Criteria: The maximum score with all correct answers is: 100 with the following criteria: 1. Correct 1 mark 20 2. Correct 2 marks 40 3. Correct 3 marks 60 4. Correct 4 marks 80 5. Correct 5 marks 100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Discussion and case studies 3x50	Discussion and case studies 3x50	<p>Material: 1. System input design 2. System external design 3. Trends in the development of management information systems development. 4. National and International Journals as well as from news or newspapers that are in accordance with the subject</p> <p>References: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	5%

16	Final Semester Exam	Final Exam assessment results	<p>Criteria:</p> <ol style="list-style-type: none"> 1. The maximum score with all correct answers is: 100 with the following criteria: 2.1. Correct 1 value 20 3.2. Correct 2 marks 40 4.3. Correct 3 marks 60 5.4. Correct 4 marks 80 6.5. Correct 5 marks 100 <p>Form of Assessment : Test</p>	Doing Final Exam 60 questions	Doing Final Exam 60 questions	<p>Material: Final Exam</p> <p>References: <i>Rochaety, E. 2017. Management Information Systems. Jakarta: Mitra Discourse Media</i></p>	30%
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Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Project Results Assessment / Product Assessment	50%
2.	Test	50%
		100%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.