	Universitas Negeri Surabaya Faculty of Economics and Business Bachelor of Commerce Education Study Program	Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Management information System	8721103073		T=3	P=0	ECTS=4.77	5	January 9, 2023

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
	Dwi Yuli Rakhmawati, S.Si., M.Si., Ph.D.; Putri Hestiningrum, S.Pd., M.Pd.	Dwi Yuli Rakhmawati, S.Si., M.Si., Ph.D.	Dr. Tri Sudarwanto, S.Pd., MSM.

Learning model: Project Based Learning

Program Learning Outcomes (PLO)

PLO study program that is charged to the course

PLO-10	Able to make appropriate decisions to solve problems in the educational and scientific fields of Commerce (Business and Marketing) based on information and data analysis by utilizing technology and information

Program Objectives (PO)

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
PO - 2	Able to demonstrate a responsible attitude towards the work/tasks assigned independently, with quality and measurability by mastering and utilizing relevant information and communication technology principles and procedures to support the development of learning quality
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

PLO-PO Matrix

P.O	PLO-10
PO-1	
PO-2	
PO-3	

PO Matrix at the end of each learning stage (Sub-PO)

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. , protect information systems, databases and information management. Lectures are carried out using a system of lectures, discussions, case studies and presentations.

References

Main :

1. Danang Sunyoto, 2014. Sistem Informasi Manajemen, CAPS(Center for Academic Publishing Service), Jakarta.
2. Eko Ganis Sukoharsono,2008.Sistem Informasi Manajemen,Surya Pena Gemilang, Malang
3. Laudon, Kenneth C. , & Laudon, Jane P. ,2015,Management Information Systems:Managing The Digital Firm, 13th Edition, PearsonEducation International.
4. Mc Leod, Raymond. 2008.Sistem Informasi Manajemen. Edisi
5. Jakarta : Salemba Empat.
6. O 19Brien. 2014.Sistem Informasi Manajemen. Edisi 9. Jakarta : Salemba Empat
7. Scott, George M. , 2010,Prinsip-Prinsip Sistem Informasi Manajemen, Edisi Bahasa Indonesia,PT. Rajawali Pers: Jakarta.

	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.	1. Describe the basic concepts and scope of information management 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	**Criteria:** Able to answer questions regarding the material **Form of Assessment** : Project Results Assessment / Product Assessment	Reading literature, lectures, presentations and discussions 3 X 50	Reading literature, lectures, presentations and discussions 3 X 50	**Material:** Basic concepts and scope of information systems **References:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media*	3%
2	Able to understand electronic business systems (E-Business)	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	**Criteria:** Able to answer questions regarding the material **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** The role of information technology **Reader:** *Darmawan, Deni. Fauzi, KN 2016. Management Information Systems. Bandung: PT Teen Rosdakarya*	3%
3	Able to explain about e-commerce, and current e-commerce development trends	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	**Criteria:** Able to answer questions regarding the material **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** E-commerce **Reader:** *Darmawan, Deni. Fauzi, KN 2016. Management Information Systems. Bandung: PT Teen Rosdakarya*	3%

4	Able to know information system protection	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.	**Criteria:** Able to answer questions regarding the material **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** ERP **Reference:** *Zakiyudin, Ais. 2016. Management Information Systems. Jakarta: Prenadamedia Group*	3%
5	Able to understand information system applications	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	**Criteria:** Able to answer questions about expert systems **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** Expert system **Literature:** *Siagian, Soandang. 2013. Management Information Systems. Bandung: Alphabeta*	3%
6	Able to compare the use of TQM applications in company management	1. Describe the Total Quality Management (TQM) Philosophy 2. Outlining the Pillars of Total Quality Management 3. Analyzing Potential Obstacles to Implementing TQM	**Criteria:** Able to answer questions regarding TQM **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** TQM **Reference:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	5%
7	Able to compare the use of TQM applications in company management	1. Describe the relationship between TQM and QWL in the Company 2. Describe the Service Company Quality Approach (Service Quality) 3. Analyzing Service Improvement Efforts within the Company	**Criteria:** Able to answer questions regarding QWL **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50	Cooperative learning Discussion 3 X 50	**Material:** QWL **References:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media*	4%

8	Midterm exam	Ability to do UTS questions correctly	**Criteria:** UTS assessment results **Form of Assessment** : Test	UTS 2 X 50	UTS 2 X 50	**Material:** Introduction to SIM **Reference:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media* **Material:** Information technology **Reader:** *Darmawan, Deni. Fauzi, KN 2016. Management Information Systems. Bandung: PT Teen Rosdakarya* **Material:** E-commerce **Reference:** *Zakiyudin, Ais. 2016. Management Information Systems. Jakarta: Prenadamedia Group* **Material:** ERP **Library:** *Siagian, Soandang. 2013. Management Information Systems. Bandung: Alphabeta*	20%
9	Able to explain information system development methods according to the complexity of the information system	1. Be able to name resources that can help manage IT through discussion 2. Be able to mention sources for purchasing software or getting it for free to maintain computer security 3. Able to explain the importance of E-mail	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50		**Material:** information system analysis and design 2. Structured approach to information system analysis and design 3. Alternatives in information system development 4. National and International Journals as well as from news or newspapers that are appropriate to the subject matter **Reader:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	2%

10	Able to prepare information system development plans	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	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50		**Material:** 1. information system development objectives 2. integrated system according to technical, safety and environmental health standards 3. simple information system from designed business processes 4. National and International Journals as well as from news or newspapers that match the subject matter **Reader:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	3%
11	Able to prepare needs investigations for information system design.	1. Explain the role of systems analysis 2. Describes system requirements investigation techniques 3. Analyzing business processes for information system design	**Criteria:** Assessment Criteria a. Presentation techniques and skills 20% b. Ability to Interact with Audience (Interaction) 20% c. Material Mastery 20% d. Material Presented (Complete & Systematic Presentation Slides) 20% e. Case Completion 20% **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion 3 X 50		**Material:** 1. The role of system analysis 2. Techniques for investigating system requirements 3. Business processes for information system design 4. National and international journals as well as from news or newspapers that are appropriate to the subject matter **References:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media*	5%

12	Able to compile use cases for information system design	1. Explaining Use cases and User goals 2. Describes the Types of Use and Event Decomposition 3. Identifying Use cases and CRUD	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Cooperative learning Discussion Case study 3x50		**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 appropriate to the subject matter **Reader:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	3%
13	Able to compile data flow diagrams for an information system	1. Explaining Use case analysis diagrams 2. Define process modeling using data flow diagrams 3. Describe data flow diagrams 4. Decoding Data dictionaries	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Discussion and case studies 3x50		**Material:** 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 appropriate to the subject matter **References:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media*	5%
14	Able to prepare interface designs for an information system	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	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Discussion and case study 3x50		**Material:** 1. Interface design decision table 2. Interface design concept 3. Transition from analysis results to user and system interface design. 4. National and International Journals as well as from news or newspapers that are appropriate to the subject **of Library:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	3%

15	Able to prepare interface designs for an information system	1. Describes system input design 2. Describes the external design of the system 3. Identifying development trends in information systems development management	**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 **Form of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment	Discussion and case studies 3x50		**Material:** 1. System input design 2. System output design 3. Trends in the development of information system development management. 4. National and International Journals as well as from news or newspapers that are appropriate to the subject **of Library:** *Ridwan Mohammad, et al. 2021. Management Information Systems. Bandung: Widina Bhakti Persada*	5%
16	Final Semester Exam	Test	**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 **Form of Assessment** : Test	3 X 50		**Material:** Management Information Systems **Literature:** *Rochaety, Eti. 2017. Management Information Systems. Jakarta: Mitra Discourse Media*	30%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	23.5%
2.	Project Results Assessment / Product Assessment	26.5%
3.	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.