Course Outline	L
ISYS6186	BINUS UNIVERSITY
Business Process Fundamental	DINOS UNIVERSITY
(4)	Study Program
	Information Systems
Effective Date 01 February 2019	Revision 5

1. Course Description

This course will learn about transaction processing, ethics, fraud, and internal control, the revenue cycle, the expenditure cycle, the conversion cycle, financial reporting and management reporting systems, the REA approach to database modeling, enterprise resource planning systems. This course will provide the basic philosophy of thinking for students in the search for innovative methods to support the user's accounting system, information technology and troubleshooting. After studying this course, students are expected to study independently at the time of dive as a professional in information systems. This subject relates to information systems development course.

2. Graduate Competency

Each course in the study program contributes to the graduate competencies that are divided into employability and entrepreneurial skills and study program specific outcomes, in which students need to have demonstrated by the time they complete their course.

BINUS University employability and entrepreneurial skills consist of planning and organizing, problem solving and decision making, self management, team work, communication, and initiative and enterprise.

2.1. Employability and Entrepreneurial Skills

Aspect	Key Behaviour	
	INIVERSITY	

2.2. Study Program Specific Outcomes

Study Program Specific Outcomes	

3. Topics

- · Introduction an Overview
- Overview of Transaction Processing and Enterprise Resource Planning Systems
- The REA Data Model and Special Topics in REA Modeling
- Systems Documentation System Flowchart
- The Revenue Cycle: Sales to Cash Collections
- Control, Processing Integrity and Availability Controls
- The Expenditure Cycle: Purchasing to Cash Disbursements
- The Revenue Cycle & Expenditure Cycle Case Study
- Mid Exam Material Review
- Systems Documentation Data Flow Diagram
- The Human Resources Management and Payroll Cycle
- The Production Cycle
- General Ledger and Reporting System
- Business Simulation Games

- · Linkages Between Business Processes
- Final Exam Material Review

4. Learning Outcomes

On successful completion of this course, student will be able to:

- LO 1: Describe the model of business process
- LO 2: Construct an integrated business process
- LO 3: Illustrate the roles of Information Technology in Business Process and Organizational activities to achieve its goals

5. Teaching And Learning Strategies

In this course, the lecturers might deploy several teaching learning strategis, including Lecture, Discussion, Group Discussion, Group Presentation, Individual and Team Assignment, Simulations with Role Plays.

6. Textbooks and Other Resources

6.1 Textbooks

 Marshall B.Romney, Paul John Steinbart. (2018). Accounting Information Systems. 4. Pearson Education Limited. England. ISBN: 978-1292220086.

The book in the first list is a must to have for each student.

6.2 Other Resources

- 1. Accounting Information Systems
- 2. Business Simulation Games
- 3. Control, Processing Integrity and Availability Controls
- 4. Final Exam Material Review
- 5. ftp://public.dhe.ibm.com/software/data/ECM/industry/employee-lifecycle-wp.pdf
- 6. General Ledger and Reporting System
- 7. http://community.dynamics.com/ax/b/msdynaxsandeepchaudhury/archive/2012/04/14/human-resource-
- 8. http://ddata.over-blog.com/xxxyyy/0/32/13/25/a-comparison-of-internal-controls-cobit--sac--coso-and-sas-
- 9. http://docs.oracle.com/cd/E16365_01/fscm91pbr0/eng/psbooks/sprc/chapter.htm?File=sprc/htm/sprc09.htm
- 10. http://docs.oracle.com/cd/E18727_01/doc.121/e13581/T181945T327867.htm
- 11. http://legcounsel.house.gov/Comps/Sarbanes-oxley%20Act%20Of%202002.pdf
- 12. http://quizlet.com/10460773/revenue-cycle-threats-controls-flash-cards/
- 13. http://research-methodology.net/information-system-and-its-components/
- 14. http://smallbusiness.chron.com/three-fundamental-roles-information-systems-business-23681.html
- 15. http://sourcemaking.com/uml/modeling-business-systems/business-processes-and-business-systems
- 16. http://www.accountingtools.com/procedure-payroll
- 17. http://www.appian.com/about-bpm/definition-of-a-business-process/
- 18. http://www.bptrends.com/publicationfiles/FIVE11-09-ART-Whatmakesagoodprocess-BPTrends.pdf
- 19. http://www.breezetree.com/article-excel-flowchart-shapes.htm
- 20. http://www.brighthub.com/office/finance/articles/69420.aspx
- 21. http://www.brint.com/BPR.htm
- 22. http://www.csoonline.com/article/2112409/employee-protection/6-desk-security-mistakes-employees-make-
- 23. http://www.csoonline.com/article/678375/fraud-prevention-improving-internal-controls-
- 24. http://www.kmbook.com/bpr.htm
- 25. http://www.mjms.net/blog/human-resources/5-stages-human-resources-life-cycle-need-improvement/
- 26. http://www.nuemd.com/revenue-cycle-management/rcm-101
- 27. http://www.omg.org/spec/BPMN/2.0/PDF/

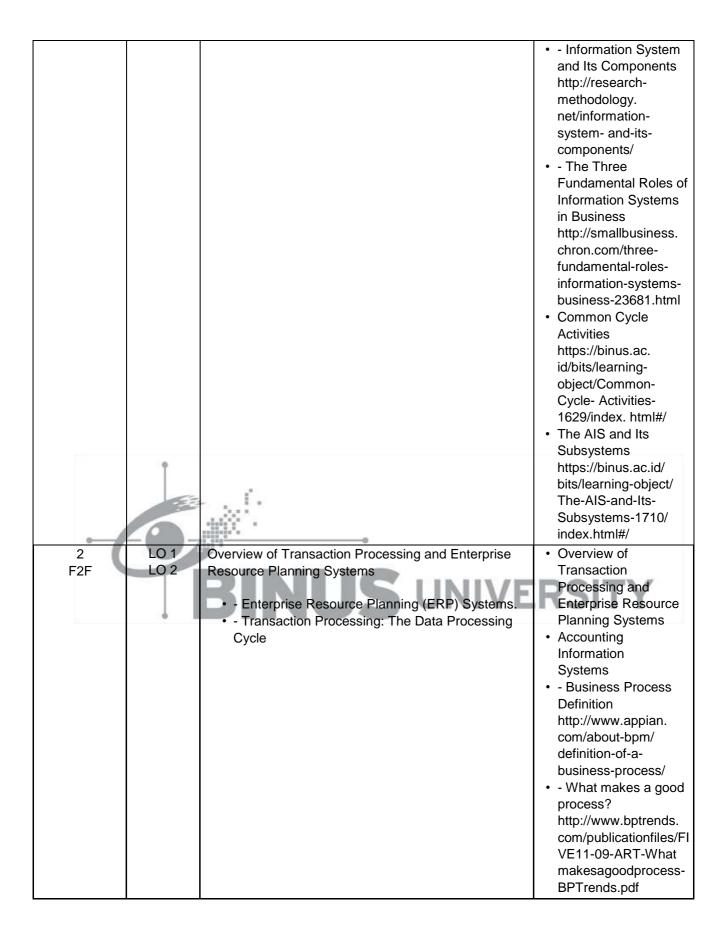
- 28. http://www.oracle.com/us/media/057444.pdf
- 29. http://www.oracleappshub.com/accounts-receivable/know-the-receivables-integration/
- 30. http://www.sharp-world.com/procure/procedure/index.html
- 31. http://www.sparxsystems.com/downloads/whitepapers/The_Business_Process_Model.pdf
- 32. http://www.systems-thinking.org/dikw/dikw.htm
- 33. http://www.visual-paradigm.com/product/lz/tutorials/dfd.jsp
- 34. https://binus.ac.id/bits/learning-object/Common-Cycle-Activities-1629/index.html#/
- 35. https://binus.ac.id/bits/learning-object/The-AIS-and-Its-Subsystems-1710/index.html#/
- 36. https://demo.frepple.com/data/input/manufacturingorder/
- 37. https://pittcc.edu/wp-content/uploads/attachments/PurchMan.pdf
- 38. https://www.changehealthcare.com/revenue-improvement-solutions
- 39. https://www.guru99.com/introduction-sap-pp.html
- 40. https://www.ips.state.nc.us/ips/Default.aspx
- 41. https://www.msu.edu/~mccarth4/McCarthy.pdf
- 42. https://www.msu.edu/~mccarth4/teaching/IAE-paper.pdf
- 43. https://www.msu.edu/user/mccarth4/DUNN&MC.htm
- 44. Introduction an Overview
- 45. Linkages Between Business Processes
- 46. Mid Exam Material Review
- 47. Overview of Transaction Processing and Enterprise Resource Planning Systems
- 48. Systems Documentation Data Flow Diagram
- 49. Systems Documentation System Flowchart
- 50. The Expenditure Cycle: Purchasing to Cash Disbursements
- 51. The Human Resources Management and Payroll Cycle
- 52. The Production Cycle
- 53. The REA Data Model and Special Topics in REA Modeling
- 54. The Revenue Cycle & Expenditure Cycle Case Study
- 55. The Revenue Cycle: Sales to Cash Collections

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7. Schedule

Lecture

Session/ Mode	Related LO	Topics	References
1	LO 1	Introduction an Overview	Introduction an
F2F			Overview
		 Information Needs and Business Processes Introduction 	Accounting Information Systems Data, Information, Knowledge, and Wisdom http://www.systemsthinking.org/dikw/dikw.htm



		- The Business
		• - The Business Process Model
		http://www.sparxsyste
		ms.com/downloads/w
		hitepapers/The_Busin
		ess Process Model.
		pdf
		Business Processes
		and Business
		Systems
		http://sourcemaking.
		com/uml/modeling-
		business-systems/
		business-processes-
		and-business-
		systems
		- Business Process
		Redesign: An
		Overview
		http://www.kmbook.
		com/bpr.htm
		 - Business Process
		Reengineering and
		Business Innovation
		http://www.brint.com/
3 LO1	T. DEAD . M	BPR.htm
3 LO 1 F2F LO 2	The REA Data Model and Special Topics in REA	The REA Data Model and Special Topics in
F2F LOZ	Modeling	and Special Topics in REA Modeling
	- Developing a REA Diagram	Accounting
-	- Entity-Relationship Diagrams	Information Systems
	Expenditure Cycle REA Model	- The REA Modeling
	Financing Activities Data Model	Approach to Teaching
	- HR/Payroll REA Model	Accounting
1	- Production Cycle REA Model	Information Systems
	- Revenue Cycle REA Model	https://www.msu.
	- The REA Data Model	edu/~mccarth4/teachi
		ng/I AE-paper.pdf
		- The REA Accounting
		Model - Intellectual
		Heritage and
		Prospects for Progress
		https://www.msu.edu/
		user/mccarth4/DUNN &MC.htm
		The REA Accounting
		Model - A Generalized
		Framework for
		Accounting Systems in
		a Shared Data
		Environment
		https://www.msu.edu/
		~mccarth4/McCarthy.
		pdf
•	•	•

4 F2F	LO 1 LO 2	The REA Data Model and Special Topics in REA Modeling - Developing a REA Diagram - Entity-Relationship Diagrams - Expenditure Cycle REA Model - Financing Activities Data Model - HR/Payroll REA Model - Production Cycle REA Model - Revenue Cycle REA Model - The REA Data Model	The REA Data Model and Special Topics in REA Modeling Accounting Information Systems The REA Modeling Approach to Teaching Accounting Information Systems https://www.msu.edu/~mccarth4/teaching/IAE-paper.pdf The REA Accounting Model - Intellectual Heritage and Prospects for Progress https://www.msu.edu/user/mccarth4/DU NN &MC.htm
5 F2F	LO 1 LO 2	Systems Documentation - System Flowchart	The REA Accounting Model - A Generalized Framework for Accounting Systems in a Shared Data Environment https://www.msu.edu/~mccarth4/McCarthy.pdf Systems Documentation -
		BINUS UNIVE	System Flowchart Accounting Information Systems Flowchart Symbols and Their Meanings http://www.breezetree com/article-excel- flowchart-shapes.htm Business Process Model and Notation (BPMN) http://www.omg.org/spec/BPMN/2.0/PDF/
6 F2F	LO 1 LO 2	Systems Documentation - System Flowchart • - System Flowchart	Systems Documentation - System Flowchart Accounting Information Systems - Flowchart Symbols and Their Meanings http://www.breezetr ee.com/article-excel -flowchart-shapes. htm

			- Business Process
			Model and Notation
			(BPMN)
			http://www.omg.org/
			spec/BPMN/2.0/PDF/
7	LO 1	The Revenue Cycle: Sales to Cash Collections	The Revenue Cycle:
F2F	LO 2		Sales to Cash
	LO 3	• - Billing	Collections
		Cash Collections	Accounting
		Revenue Cycle Information System	Information Systems
		- Sales Order Entry- Shipping	 Revenue cycle management
		- Shipping	solutions to help
			hospitals, health
			systems, and
			physician practices
			improve revenue
			cycle efficiency and
			optimize net patient
			revenue.
			https://www.
			changehealthcare.
			com/revenue-
			improvement- solutions
			- Revenue Cycle -
			Threats & Controls
	- 3		http://quizlet.
	1		com/10460773/reven
			ue- cycle-threats-
		*	controls- flash-cards/
			- Revenue Cycle
			Management 101
	1	D O O O O INI A I	http://www.nuemd.
			com/revenue-cycle- management/rcm-101
8	LO 1	The Revenue Cycle: Sales to Cash Collections	The Revenue Cycle:
F2F	LO 1	The Revenue Cycle. Gales to Gasii Guilections	Sales to Cash
	LO 3	• - Billing	Collections
		- Cash Collections	Accounting
		Revenue Cycle Information System	Information Systems
		- Sales Order Entry	- Revenue cycle
		• - Shipping	management
			solutions to help
			hospitals, health
			systems, and physician practices
			improve revenue
			cycle efficiency and
			optimize net patient
			revenue.
			https://www.change
			healthcare.com/rev
			enue-improvement-
			solutions

			Revenue Cycle - Threats & Controls http://quizlet. com/10460773/reven ue- cycle-threats- controls- flash-cards/ Revenue Cycle Management 101 http://www.nuemd. com/revenue-cycle- management/rcm-101
9 GSLC	LO 2 LO 3	Control, Processing Integrity and Availability Controls - Communicate Information and Monitor Control Processes - Control Activities - Objective Setting and Event Identification - Processing Integrity Availability - Risk Assessment and Risk Response - The Internal Environment	Control, Processing Integrity and Availability Controls Accounting Information Systems Sarbanes-Oxley Act of 2002 - Securities and Exchange Commission http://legcounsel.hous e.gov/Comps/Sarban es-oxley%20Act%20 Of%202002.pdf A Comparison of
. (BINUS UNIVE	Internal Controls: COBIT®, SAC, COSO and SAS 55/78 http://ddata.over-blog. com/xxxyyy/0/32/13/2 5/a-comparison-of- internal-controls-cobitsaccoso-and-sas- 5578.pdf - Fraud prevention: Improving internal controls http://www.csoonline. com/article/678375/fra
			ud-prevention- improving-internal- controls 6 Desk Security Mistakes Employees Make Every Day http://www.csoonline. com/article/2112409/ empl oyee-protection/ 6-desk-security- mistakes-employees- make-every-day.html

10 GSLC	LO 2 LO 3	Control, Processing Integrity and Availability Controls - Communicate Information and Monitor Control Processes - Control Activities - Objective Setting and Event Identification - Processing Integrity Availability - Risk Assessment and Risk Response - The Internal Environment	Control, Processing Integrity and Availability Controls Accounting Information Systems Sarbanes-Oxley Act of 2002 - Securities and Exchange Commission http://legcounsel.hous e.gov/Comps/Sarban es-oxley%20Act%20 Of%202002.pdf A Comparison of Internal Controls: COBIT®, SAC, COSO and SAS 55/78 http://ddata.over-blog.com/xxxyyy/0/32/13/2 5/a-comparison-of-internal-controls-cobitsaccoso-and-sas-5578.pdf Fraud prevention: Improving internal
	-0		controls http://www.csoonline. com/article/678375/ fraud-prevention- improving-internal- controls-
		BINUS UNIVE	- 6 Desk Security Mistakes Employees Make Every Day http://www.csoonline. com/article/2112409/ empl oyee-protection/ 6-desk-security- mistakes-employees- make-every-day.html
11 F2F	LO 1 LO 2 LO 3	The Expenditure Cycle: Purchasing to Cash Disbursements - Approving Supplier Invoices - Cash Disbursements - Expenditure Cycle Information System - Ordering Materials, Supplies, and Services - Receiving	The Expenditure Cycle: Purchasing to Cash Disbursements Accounting Information Systems Purchasing Procedure - Sharp http://www.sharp- world.com/procure/ procedure/index. html

	I		- Durchasias
			Purchasing Procedures Manual - PITT Community College https://pittcc.edu/wp- content/uploads/attac hments/PurchMan.pdf State of North Carolina Interactive Purchasing System https://www.ips.state. nc.us/ips/Default.aspx
12 F2F	LO 1 LO 2 LO 3	The Expenditure Cycle: Purchasing to Cash Disbursements - Approving Supplier Invoices - Cash Disbursements - Expenditure Cycle Information System - Ordering Materials, Supplies, and Services - Receiving	The Expenditure Cycle: Purchasing to Cash Disbursements Accounting Information Systems Purchasing Procedure - Sharp http://www.sharp- world.com/procure/pro cedure/in dex.html Purchasing
•		BINUS UNIVE	Procedures Manual - PITT Community College https://pittcc.edu/wp- content/uploads/attach me nts/PurchMan.pdf • - State of North Carolina Interactive Purchasing System https://www.ips.state. nc.us/ips/Default.aspx
13 F2F	LO 2 LO 3	The Revenue Cycle & Expenditure Cycle Case Study The Revenue Cycle & Expenditure Cycle Case Study	The Revenue Cycle & Expenditure Cycle Case Study
14 F2F	LO 1 LO 2 LO 3	Mid Exam Material Review • Mid Exam Material Review	Mid Exam Material Review Accounting Information Systems
15 F2F	LO 1 LO 2	Systems Documentation - Data Flow Diagram Systems Documentation - Data Flow Diagram	Systems Documentation - Data Flow Diagram Accounting Information Systems - Data Flow Diagram (DFD) Tutorial http://www.visual- paradigm.com/produc t/lz/tutorials/dfd.jsp

16 F2F	LO 1 LO 2	Systems Documentation - Data Flow Diagram Systems Documentation - Data Flow Diagram	 Systems Documentation - Data Flow Diagram Accounting Information Systems - Data Flow Diagram (DFD) Tutorial http://www.visual-paradigm.com/product/lz/tutorials/dfd.jsp
17 GSLC	LO 1 LO 2 LO 3	The Human Resources Management and Payroll Cycle • - HRM/Payroll Cycle Information System • - Payroll Cycle Activities	The Human Resources Management and Payroll Cycle Accounting Information Systems Payroll Procedure http://www. accountingtools.com/ procedure-payroll Human Resource Management in Microsoft Dynamics AX2012- Employee Life Cycle Management
		BINUS UNIVE	Management http://community.dyna mics.com/ax/b/msdyn axsandeepchaudhury/ archive/2012/04/14/h uman-resource- management-in- microsoft-dynamics- ax-2012-employee- life-cycle-managem ent.aspx • - 5 Stages of the Human Resources Life Cycle in Need of Improvement http://www.mjms.net/b log/human-resourc es5-stages-human- resources-life-cycle- need-improvement/ • - IBM ECM Employee Lifecycle Management ftp://public.dhe.ibm.co m/software/data/ECM /industry/employee- lifecycle-wp.pdf

18	LO 1	The Human Resources Management and Payroll Cycle	
GSLC	LO 2		Resources
	LO 3	- HRM/Payroll Cycle Information System	Management and
		 - Payroll Cycle Activities 	Payroll Cycle
			Accounting Accounting
			Information Systems
			Payroll Procedure
			http://www.
			accountingtools.com /procedure-payroll
			- Human Resource
			Management in
			Microsoft Dynamics
			AX2012- Employee
			Life Cycle
			Management
			http://community.
			dynamics.com/ax/b/m
			sdynaxsandeepchaud
			hury/archive/2012/04/
			14/human-resource-
			management-in-
			microsoft-dynamics-
			ax- 2012-employee-
			life-cycle-management
	Î		.aspx
			• - 5 Stages of the
			Human Resources Life Cycle in Need of
		1111	Improvement
	-	2111	http://www.mjms.net/b
			log/human-resources/
			5-stages-human-
		RINUSUNIVE	resources-life-cycle-
	1	D11103 31111	need-improvement/
			• - IBM ECM Employee
			Lifecycle Management
			ftp://public.dhe.ibm.
			com/software/data/EC
			M/i ndustry/employee- lifecycle-wp.pdf
19	LO 1	The Production Cycle	The Production Cycle
F2F	LO 2	•	Accounting
	LO 3	- Cost Accounting	Information Systems
		 - Planning and Scheduling 	 Introduction to SAP
		- Product Design	PP (Production
		Production Cycle Information System	Planning)
		 - Production Operations 	https://www.guru99.
			com/introduction-sap-
			pp.html
			Frepple Production - Plan aditor
			Plan editor
			https://demo.frepple.
			com/data/input/manuf
			act uringorder/

20 F2F	LO 1 LO 2 LO 3	The Production Cycle - Cost Accounting - Planning and Scheduling - Product Design - Production Cycle Information System - Production Operations	The Production Cycle Accounting Information Systems Introduction to SAP PP (Production Planning) https://www.guru99. com/introduction-sap- pp.html Frepple Production Plan editor https://demo.frepple. com/data/input/manuf acturingorder/
21 GSLC	LO 1 LO 2 LO 3	General Ledger and Reporting System - General Ledger and Reporting System - Post Adjusting Entries - Prepare Financial Statements - Produce Managerial Reports - Update General Ledger	General Ledger and Reporting System Accounting Information Systems PeopleSoft Enterprise General Ledger http://www.oracle.com/us/media/057444.pdf Why Your Accounting Cycle Must Be Followed http://www.brighthub.com/office/finance/article s/69420.aspx
22 GSLC	LO 1 LO 2 LO 3	General Ledger and Reporting System - General Ledger and Reporting System - Post Adjusting Entries - Prepare Financial Statements - Produce Managerial Reports - Update General Ledger	General Ledger and Reporting System Accounting Information Systems PeopleSoft Enterprise General Ledger http://www.oracle.com/us/media/057444.pdf Why Your Accounting Cycle Must Be Followed http://www.brighthub.com/office/finance/articles/69420.aspx
23 F2F	LO 2 LO 3	Business Simulation Games • Business Simulation Games (Revenue, Production, Expenditure)	Business Simulation Games Integration with Other Oracle Applications http://docs.oracle. com/cd/E18727_01/ doc.121/e13581/T18 1945T32 7867.htm

			- Using PeopleSoft Enterprise Product Configurator http://docs.oracle.com /cd/E16365_01/fscm9 1pbr0/eng/psbooks/sp rc/chapter.htm?File=s prc/htm/sprc09.htm - Receivables Integration http://www.oracleapp shub.com/accounts- receivables- integration/
24 F2F	LO 2 LO 3	Business Simulation Games Business Simulation Games (Revenue, Production, Expenditure)	Business Simulation Games Integration with Other Oracle Applications http://docs.oracle.com /cd/E18727_01/doc.1 21/e13581/T181945T 327867.htm Using PeopleSoft
•		BINUS UNIVE	Enterprise Product Configurator http://docs.oracle.com /cd/E16365_01/fscm 91pbr0/eng/psbooks/ sprc/chapter.htm?File =sprc/htm/sprc09.htm • - Receivables Integration http://www.oracleapps hub.com/accounts- receivable/know-the- receivables- integration/
25 F2F	LO 2 LO 3	Linkages Between Business Processes - Data flows between the transaction cycles - Systems in action	Linkages Between Business Processes Accounting Information Systems
26 F2F	LO 1 LO 2 LO 3	Final Exam Material Review • Final Exam Material Review	Final Exam Material Review Accounting Information Systems

8. Evaluation

Lecture

Assessment		LO	
Activity	1	2	3
ASSIGNMENT	✓	✓	1
FINAL EXAM	1	✓	1
MID EXAM	1	</td <td>1</td>	1

Final Evaluation Score

Aspects	Weight
Theory	100%

9. Assessment Rubric (Study Program Specific Outcomes)

		Proficiency Level			
LO	Indicators	Excellent (85 - 100)	Good (75 - 84)	Average (65 - 74)	Poor (<= 64)
	1.1. Ability to describe the model of	The	The	The	The
	business process	descriptions	descriptions	descriptions	descriptions
		about the model	about the model	about the model	about the model
LO 1		of business	of business	of business	of business
		process are	process are	process are	process are
	3000	more than 80%	70% to 80%	60% to 70%	less than 60%
		accurate •	accurate	accurate	accurate
	1.2. Ability to give examples of the	The examples	The examples	The examples	Unable to give
	model of business process	are correct and	are correct but	are incorrect	example
		more than 3	less than 3	/FRSI	TY
		examples	examples		
	2.1. Ability to describe an integrated	The	The	The	The
	business process	descriptions	descriptions	descriptions	descriptions
		about the	about the	about the	about the
LO 2		integrated	integrated	integrated	integrated
		business	business	business	business
		process are	process are	process are	process are
		more than 80%	70% to 80%	60% to 70%	less than 60%
		accurate	accurate	accurate	accurate
	2.2. Ability to illustrate an integrated	The illustrations	The illustrations	The illustrations	The illustrations
	business process	of an integrated	of an integrated	of an integrated	of an integrated
		business	business	business	business
		process are	process are	process are	process are
		more than 80%	70% to 80%	60% to 70%	less than 60%
		accurate	accurate	accurate	accurate

	3.1. Ability to describe Information	The	The	The	The
	Technology and	descriptions	descriptions	descriptions	descriptions
	Organizational activities.	about	about	about	about
		Information	Information	Information	Information
LO 3		Technology and	Technology and	Technology and	Technology and
		Organizational	Organizational	Organizational	Organizational
		activities are	activities are	activities are	activities are
		more than 80%	70% to 80%	60% to 70%	less than 60%
		accurate	accurate	accurate	accurate
	3.2. Ability to outline the roles of	The outlines of	The outlines of	The outlines of	The outlines of
	Information Technology in	the roles of	the roles of	the roles of	the roles of
	Business Process and	Information	Information	Information	Information
	Organizational activities to achieve its goals	Technology in	Technology in	Technology in	Technology in
	acineve its goals	Business	Business	Business	Business
		Process and	Process and	Process and	Process and
		Organizational	Organizational	Organizational	Organizational
		activities to	activities to	activities to	activities to
		achieve its	achieve its	achieve its	achieve its
		goals are more	goals are 70%	goals are 60%	goals are less
		than 80%	to 80%	to 70%	than 60%
		accurate	accurate	accurate	Accurate

Prepared by	Checked by
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Approved by	Acknowledged by
T.	
b4639 - Marisa Karsen, S.Kom., M.M.	D4529 - Dr. Yohamnes Kurniawan, S.Kom., S.E., MMSI.