

Course Outline	
ISYS6206 IS Strategy, Management and Acquisition (4)	
Effective Date 01 September 2017	Study Program Information Systems Revision 1

1. Course Description

The aim of this course is to learn about processing power, inter-connectivity of devices, storage capacity, and bandwidth are all increasing so rapidly that it is fundamental changing how we use digital devices, because business are increasingly finding innovative applications for information systems. The predecessor courses are Introduction to basic systems concept and tools, Management Information Systems, Management Support Systems, Information and Business Process and the successor course is Enterprise Architecture.

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

2.2. Study Program Specific Outcomes

Study Program Specific Outcomes
Analyze information requirements and business process

3. Topics

- The Importance of MIS
- Collaboration Information Systems
- Strategy And Information Systems
- Hardware, Software and Mobile Systems
- Database Processing
- The Cloud
- Processes, Organizations and Information Systems
- Social Media Information Systems
- Business Intelligence Systems
- Information Systems Security
- Information Systems Management
- Information Systems Development
- Review

4. Learning Outcomes

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

- LO 1: Identify how importance of Information Systems to use in collaboration and corporate's strategy
- LO 2: Discuss what information technology can support mobile systems and Cloud
- LO 3: Demonstrate how using Information Systems for competitive advantage

- LO 4: Apply information system management in corporate's application development

5. Teaching And Learning Strategies

In this course, the lecturers might deploy several teaching learning strategies, including Case Study, Group Discussion, Lecture, Individual and Team Assignment, Demonstrate problem-solving through case studies, and Paper Writing.

6. Textbooks and Other Resources

6.1 Textbooks

1. [Kroenke, David and Boyle, Randall J.. \(2018\). *Using MIS*. Pearson. Global Edition. ISBN: 9781292222509.](#)

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

6.2 Other Resources

1. Strategy and Information Systems
2. <http://search.proquest.com/openview/80891d94ca07d6d7b88a7228f545a711/1?pq-origsite=gscholar&cbl=25848>
3. <https://www.forbes.com/sites/chuckcohn/2015/01/23/how-to-properly-use-social-media-to-fit-your-business-strategy/#57f6ef3a3a50>
4. <http://www.cio.co.uk/cio-career/cio-vs-cto-3643772/>
5. <http://www.cio.com/article/2437838/business-intelligence/10-keys-to-a-successful-business-intelligence-strategy.html>
6. <http://www.springer.com/cda/content/document/cda.../9789491216886-c2.pdf?SGWID>
7. <https://link.springer.com/article/10.1057/dbm.2011.7>
8. <https://www.linkedin.com/pulse/power-effective-prototyping-howard-tiersky>
9. <http://ubiquity.acm.org/article.cfm?id=1159403>
10. <https://www.entrepreneur.com/article/246085>
11. <http://www.destinationcrm.com/Articles/CRM-News/Daily-News/What-Is-CRM-46033.aspx>
12. <http://www.mckinsey.com/indonesia/our-insights/digital-revolution-what-it-means-for-indonesian-business>
13. <https://www.roberthalf.com/technology/blog/6-basic-sdlc-methodologies-the-pros-and-cons>
14. <http://www.oracle.com/us/corporate/features/rethinking-mobile/index.html>
15. <http://proc.conisar.org/2014/pdf/3321.pdf>
16. <https://www.thebalance.com/business-or-it-what-s-the-main-job-of-a-cio-2071252>
17. <http://tdan.com/modeling-business-rules-what-data-models-do/5174>
18. <https://gcn.com/articles/2013/05/02/it-security-strategy-focus-on-systems-not-threats.aspx>
19. <https://legacy.wlu.ca/documents/52329/JGM.pdf>
20. <http://iveybusinessjournal.com/publication/crm-is-a-strategy-not-a-tactic/>
21. <http://www.sciencedirect.com/science/article/pii/S1877050914006528>
22. <http://www.sciencedirect.com/science/article/pii/S1877050916323079>
23. <http://www.tomsitpro.com/articles/business-intelligence-strategy,2-653.html>
24. <http://www.workingnurse.com/articles/Six-Ways-to-Improve-Collaboration-on-Nursing-Teams>
25. <http://ieeexplore.ieee.org/document/5561624?reload=true>
26. <http://www.cio.com/article/2395944/consumer-technology/7-tips-for-establishing-a-successful-byod-policy.html>

7. Schedule

Theory

Session/ Mode	Related LO	Topics	References
1 F2F	LO 1	The Importance of MIS - Why is introduction to MIS the most important class in the business school? - How will MIS affect me? - What is MIS - How can you use the five component model? - What is information? - What are necessary data characteristics?	- The Importance of MIS - Using MIS, Chap 1. The Importance of MIS, pp 37-70 - Critical Factors Affecting Job Offers for New MIS Graduates, http://search.proquest.com/openview/80891d94ca07d6d7b88a7228f545a711/1?pq-

		<ul style="list-style-type: none"> - 2026? - Do your homework as a team: Using your knowledge and or Case study 1 Zulily 	<ul style="list-style-type: none"> origsite=gscholar&cbl=25848 - Digital revolution: What it means for Indonesian business, http://www.mckinsey.com/indonesia/our-insights/digital-revolution-what-it-means-for-indonesian-business
2 F2F	LO 1	<p>The Importance of MIS</p> <ul style="list-style-type: none"> - Why is introduction to MIS the most important class in the business school? - How will MIS affect me? - What is MIS - How can you use the five component model? - What is information? - What are necessary data characteristics? - 2026? - Do your homework as a team: Using your knowledge and or Case study 1 Zulily 	<ul style="list-style-type: none"> - The Importance of MIS - Using MIS, Chap 1. The Importance of MIS, pp 37-70 - Critical Factors Affecting Job Offers for New MIS Graduates, http://search.proquest.com/openview/80891d94ca07d6d7b88a7228f545a711/1?pq-origsite=gscholar&cbl=25848 - Digital revolution: What it means for Indonesian business, http://www.mckinsey.com/indonesia/our-insights/digital-revolution-what-it-means-for-indonesian-business
3 F2F	LO 1	<p>Collaboration Information Systems</p> <ul style="list-style-type: none"> - What are the key characteristics of collaboration? - What are the three criteria for successful collaboration? - What are the four primary purposes of collaboration? - What are the requirements for a collaboration information systems? - How can you use collaboration tools to improve team communication? - How can you use collaboration tools to manage share content? - How can you use collaboration tools to manage tasks? - Which collaboration IS is right for your team? - 2026? - Do your homework as a team: Using your knowledge and or Case study 2 Eating our own dog food 	<ul style="list-style-type: none"> - Collaboration Information Systems - Using MIS, Chap 2. Collaboration Information systems, pp 71-116 - Enterprise Collaboration Systems: An Analysis and Classification of Adoption Challenges, http://www.sciencedirect.com/science/article/pii/S1877050916323079 - Six Ways to Improve Collaboration on Nursing Teams, http://www.workingnurse.com/articles/Six-Ways-to-Improve-Collaboration-on-Nursing-Teams
4 F2F	LO 1	<p>Collaboration Information Systems</p> <ul style="list-style-type: none"> - What are the key characteristics of collaboration? - What are the three criteria for successful collaboration? - What are the four primary purposes of collaboration? - What are the requirements for a collaboration information systems? - How can you use collaboration tools to improve team communication? - How can you use collaboration tools to manage share content? - How can you use collaboration tools to manage tasks? 	<ul style="list-style-type: none"> - Collaboration Information Systems - Using MIS, Chap 2. Collaboration Information systems, pp 71-116 - Enterprise Collaboration Systems: An Analysis and Classification of Adoption Challenges, http://www.sciencedirect.com/science/article/pii/S1877050916323079 - Six Ways to Improve Collaboration on Nursing Teams,

		<ul style="list-style-type: none"> - Which collaboration IS is right for your team? - 2026? - Do your homework as a team: Using your knowledge and or Case study 2 Eating our own dog food 	http://www.workingnurse.com/articles/Six-Ways-to-Improve-Collaboration-on-Nursing-Teams
5 F2F	LO 1	<p>Strategy And Information Systems</p> <ul style="list-style-type: none"> - How does organizational strategy determine information system structure? - What five forces determine industry structure? - How does analysis of industry structure determine competitive strategy? - How does competitive strategy determine value chain structure? - How do business processes generate value? - How does competitive strategy determine business processes and the structure of information systems? - How do information systems provide competitive advantage? - 2026? - Do your homework as a team: Using your knowledge and or Case study 3 The Amazon of Innovation 	<ul style="list-style-type: none"> - Strategy And Information Systems - Using MIS, Chap 3. Strategy And Information Systems, pp 117-148 - Strategy and Information Systems - Value Chain Analysis and Competitive Advantage, https://legacy.wlu.ca/documents/52329/JGM.pdf - Information Systems for Competitive Advantages, http://www.springer.com/cda/content/document/cda.../9789491216886-c2.pdf?SGWID - Aligning Information Systems strategy with the Business Strategy in a South African Banking Environment, http://proc.conisar.org/2014/pdf/3321.pdf
6 F2F	LO 1	<p>Strategy And Information Systems</p> <ul style="list-style-type: none"> - How does organizational strategy determine information system structure? - What five forces determine industry structure? - How does analysis of industry structure determine competitive strategy? - How does competitive strategy determine value chain structure? - How do business processes generate value? - How does competitive strategy determine business processes and the structure of information systems? - How do information systems provide competitive advantage? - 2026? - Do your homework as a team: Using your knowledge and or Case study 3 The Amazon of Innovation 	<ul style="list-style-type: none"> - Strategy And Information Systems - Using MIS, Chap 3. Strategy And Information Systems, pp 117-148 - Strategy and Information Systems - Value Chain Analysis and Competitive Advantage - https://legacy.wlu.ca/documents/52329/JGM.pdf - Information Systems for Competitive Advantages, http://www.springer.com/cda/content/document/cda.../9789491216886-c2.pdf?SGWID - Aligning Information Systems strategy with the Business Strategy in a South African Banking Environment, http://proc.conisar.org/2014/pdf/3321.pdf
7 GSLC	LO 2	<p>Hardware, Software and Mobile Systems</p> <ul style="list-style-type: none"> - What do business professionals need to know about computer hardware? - How can new hardware affect competitive strategies? - What do business professional need to know about software? - Is open source software a viable alternative? - What are the differences between native and web applications? 	<p>Hardware, Software and Mobile Systems</p> <ul style="list-style-type: none"> - Using MIS, Chap 4. Hardware, Software and Mobile Systems, pp. 149-194 - 7 Tips for Establishing a Successful BYOD Policy, http://www.cio.com/article/2395944/consumer-technology/7-tips-for-

		<ul style="list-style-type: none"> - Why are mobile systems increasingly important? - What are the challenges of personal mobile devices at work? - 2026? - Do your homework as a team: Using your knowledge and or Case study 4 PSA cruising with Information System 	<p>establishing-a-successful-byod-policy.html</p> <ul style="list-style-type: none"> - It's Time to Go Beyond 'Mobile First' Planning, http://www.oracle.com/us/corporate/features/rethinking-mobile/index.html
8 GSLC	LO 2	<p>Hardware, Software and Mobile Systems</p> <ul style="list-style-type: none"> - What do business professionals need to know about computer hardware? - How can new hardware affect competitive strategies? - What do business professional need to know about software? - Is open source software a viable alternative? - What are the differences between native and web applications? - Why are mobile systems increasingly important? - What are the challenges of personal mobile devices at work? - 2026? - Do your homework as a team: Using your knowledge and or Case study 4 PSA cruising with Information System 	<p>Hardware, Software and Mobile Systems</p> <ul style="list-style-type: none"> - Using MIS, Chap 4. Hardware, Software and Mobile Systems, pp. 149-194 - 7 Tips for Establishing a Successful BYOD Policy, http://www.cio.com/article/2395944/consumer-technology/7-tips-for-establishing-a-successful-byod-policy.html - It's Time to Go Beyond 'Mobile First' Planning, http://www.oracle.com/us/corporate/features/rethinking-mobile/index.html
9 F2F	LO 2	<p>Database Processing</p> <ul style="list-style-type: none"> - What is the purposes of a database? - What is a database? - What is a database management system (DBMS)? - How do database applications make databases more useful? - How are data models used for database development? - How is data model transformed into database design? - How can falcon security benefit from a database system? - 2026? - Do your homework as a team: Using your knowledge and or Case study 5 Searching for Classic and Vintage car parts 	<ul style="list-style-type: none"> - Database Processing - Using MIS, Chap 5. Database Processing Database Processing, pp. 195-236 - Modeling Business Rules: What Data Models Do, http://tdan.com/modeling-business-rules-what-data-models-do/5174 - Social CRM as a business strategy, https://link.springer.com/article/10.1057/dbm.2011.7
10 F2F	LO 2	<p>Database Processing</p> <ul style="list-style-type: none"> - What is the purposes of a database? - What is a database? - What is a database management system (DBMS)? - How do database applications make databases more useful? - How are data models used for database development? - How is data model transformed into database design? - How can falcon security benefit from a database system? - 2026? - Do your homework as a team: Using your knowledge and or Case study 5 Searching for 	<ul style="list-style-type: none"> - Database Processing - Using MIS, Chap 5. Database Processing Database Processing, pp. 195-236 - Modeling Business Rules: What Data Models Do, http://tdan.com/modeling-business-rules-what-data-models-do/5174 - Social CRM as a business strategy, https://link.springer.com/article/10.1057/dbm.2011.7

		Classic and Vintage car parts -	
11 F2F	LO 2	The Cloud <ul style="list-style-type: none"> - Why is the cloud the future for most organizations? - What network technology supports the clouds? - How does the cloud work? - How do organizations use the cloud? - How can falcon security use the cloud? - How can organization use cloud services securely? - 2026? - Do your homework as a team: Using your knowledge and or Case study 6 Cloud solutions ... 	<ul style="list-style-type: none"> - The Cloud - Using MIS, Chap 6. The Cloud, pp. 237-280 - Strategic IT alignment with business strategy: Service oriented architecture approach, http://ieeexplore.ieee.org/document/5561624/?reload=true - Service Oriented Architecture (SOA) A New Paradigm to Implement Dynamic E-Business Solutions, http://ubiquity.acm.org/article.cfm?id=1159403
12 F2F	LO 2	The Cloud <ul style="list-style-type: none"> - Why is the cloud the future for most organizations? - What network technology supports the clouds? - How does the cloud work? - How do organizations use the cloud? - How can falcon security use the cloud? - How can organization use cloud services securely? - 2026? - Do your homework as a team: Using your knowledge and or Case study 6 Cloud solutions ... 	<ul style="list-style-type: none"> - The Cloud - Using MIS, Chap 6. The Cloud, pp. 237-280 - Strategic IT alignment with business strategy: Service oriented architecture approach, http://ieeexplore.ieee.org/document/5561624/?reload=true - Service Oriented Architecture (SOA) A New Paradigm to Implement Dynamic E-Business Solutions, http://ubiquity.acm.org/article.cfm?id=1159403
13 F2F	LO 3	Processes, Organizations and Information Systems <ul style="list-style-type: none"> - What are the basic types of processes? - How can information systems improve process quality? - How do information systems eliminate the problems of information silos? - How do CRM, ERP and EAI support enterprise processes? - What are the elements of an ERP systems? - What are the challenges of implementing and upgrading enterprise information systems? - How Information System inter-enterprises do to solve the problems of enterprise silos? - 2026? - Do your homework as a team: Using your knowledge and or Case study 7 Inter-organizational IS ... 	<ul style="list-style-type: none"> - Processes, Organizations and Information Systems - Using MIS, Chap 7. Processes, organizations and information systems, pp. 283-324 - What Is CRM? , http://www.destinationcrm.com/Articles/CRM-News/Daily-News/What-Is-CRM-46033.aspx - CRM is a strategy not a tactic, http://iveybusinessjournal.com/publication/crm-is-a-strategy-not-a-tactic/
14 F2F	LO 3	Processes, Organizations and Information Systems <ul style="list-style-type: none"> - What are the basic types of processes? - How can information systems improve process quality? - How do information systems eliminate the problems of information silos? - How do CRM, ERP and EAI support enterprise 	<ul style="list-style-type: none"> - Processes, Organizations and Information Systems - Using MIS, Chap 7. Processes, organizations and information systems, pp. 283-324 - What Is CRM? , http://www.destinationcrm.com

		<p>processes?</p> <ul style="list-style-type: none"> - What are the elements of an ERP systems? - What are the challenges of implementing and upgrading enterprise information systems? - How Information System inter-enterprises do to solve the problems of enterprise silos? - 2026? - Do your homework as a team: Using your knowledge and or Case study 7 Inter-organizational IS ... 	<p>m/Articles/CRM-News/Daily-News/What-Is-CRM-46033.aspx</p> <ul style="list-style-type: none"> - CRM is a strategy not a tactic, http://iveybusinessjournal.com/publication/crm-is-a-strategy-not-a-tactic/
15 F2F	LO 3	<p>Social Media Information Systems</p> <ul style="list-style-type: none"> - What is a social media information systems? - How do SMIS advance organizational capital? - How do SMIS increase social capital? - How do some companies earn revenue from social media? - How do organizations develop an effective SMIS? - What is enterprise social network (ESN)? - How can organizations address SMIS Security Concerns? - 2026? - Do your homework as a team: Using your knowledge and or Case study 8 Sedona Social 	<ul style="list-style-type: none"> - Social Media Information Systems - Using MIS, Chap 8. Social media information systems, pp. 324-368 <p>How to Properly Use Social Media to Fit Your Business Strategy, https://www.forbes.com/sites/chuckcohn/2015/01/23/how-to-properly-use-social-media-to-fit-your-business-strategy/#57f6ef3a3a50</p> <p>How to Build a Social-Media Strategy That Works, https://www.entrepreneur.com/article/246085</p>
16 F2F	LO 3	<p>Social Media Information Systems</p> <ul style="list-style-type: none"> - What is a social media information systems? - How do SMIS advance organizational capital? - How do SMIS increase social capital? - How do some companies earn revenue from social media? - How do organizations develop an effective SMIS? - What is enterprise social network (ESN)? - How can organizations address SMIS Security Concerns? - 2026? - Do your homework as a team: Using your knowledge and or Case study 8 Sedona Social 	<ul style="list-style-type: none"> - Social Media Information Systems - Using MIS, Chap 8. Social media information systems, pp. 324-368 <p>How to Properly Use Social Media to Fit Your Business Strategy, https://www.forbes.com/sites/chuckcohn/2015/01/23/how-to-properly-use-social-media-to-fit-your-business-strategy/#57f6ef3a3a50</p> <p>How to Build a Social-Media Strategy That Works, https://www.entrepreneur.com/article/246085</p>
17 GSLC	LO 3	<p>Business Intelligence Systems</p> <ul style="list-style-type: none"> - How do organizations use business intelligence (BI) systems? - What are the primary activities in the BI processes? - How do organizations use data warehouses and data marts to acquire data? - How do organizations use reporting applications? - How do organizations use data mining applications? - How do organizations use big-data applications? - What is the role of Knowledge Management Systems? - What are the alternative for publishing BI? 	<ul style="list-style-type: none"> - Business Intelligence Systems - Using MIS, Chap 9. Business Intelligence Systems, pp. 369-416 - 10 Keys to a Successful Business Intelligence Strategy, http://www.cio.com/article/2437838/business-intelligence/10-keys-to-a-successful-business-intelligence-strategy.html <p>How to Link Business Intelligence to Business Strategy,</p>

		<ul style="list-style-type: none"> - 2026? - Do your homework as a team: Using your knowledge and or Case study 9 Hadoop the cookie cutter 	<p>http://www.tomsitpro.com/articles/business-intelligence-strategy,2-653.html</p>
18 GSLC	LO 3	<p>Business Intelligence Systems</p> <ul style="list-style-type: none"> - How do organizations use business intelligence (BI) systems? - What are the primary activities in the BI processes? - How do organizations use data warehouses and data marts to acquire data? - How do organizations use reporting applications? - How do organizations use data mining applications? - How do organizations use big-data applications? - What is the role of Knowledge Management Systems? - What are the alternative for publishing BI? - 2026? - Do your homework as a team: Using your knowledge and or Case study 9 Hadoop the cookie cutter 	<ul style="list-style-type: none"> - Business Intelligence Systems - Using MIS, Chap 9. Business Intelligence Systems, pp. 369-416 - 10 Keys to a Successful Business Intelligence Strategy, http://www.cio.com/article/2437838/business-intelligence/10-keys-to-a-successful-business-intelligence-strategy.html - How to Link Business Intelligence to Business Strategy, http://www.tomsitpro.com/articles/business-intelligence-strategy,2-653.html
19 F2F	LO 4	<p>Information Systems Security</p> <ul style="list-style-type: none"> - What is the goal of information systems security? - How big is the computer security problem? - How should you respond to security threats? - How should organizations respond to security threats? - How can technical safeguards protect against security? - How can data safeguards protect against security threats? - How can human safeguards protect against security threats? - How should organizations respond to security incidents? - 2026? - Do your homework as a team: Using your knowledge and or Case study 10 Hitting the Target 	<ul style="list-style-type: none"> - Information Systems Security - Using MIS, Chap 10. Information systems security, pp. 419-460 - New strategy for IT security: Focus on the systems, not the threats, https://gcn.com/articles/2013/05/02/it-security-strategy-focus-on-systems-not-threats.aspx - Classification of Security Threats in Information Systems, http://www.sciencedirect.com/science/article/pii/S1877050914006528
20 F2F	LO 4	<p>Information Systems Security</p> <ul style="list-style-type: none"> - What is the goal of information systems security? - How big is the computer security problem? - How should you respond to security threats? - How should organizations respond to security threats? - How can technical safeguards protect against security? - How can data safeguards protect against security threats? - How can human safeguards protect against security threats? - How should organizations respond to security incidents? - 2026? 	<ul style="list-style-type: none"> - Information Systems Security - Using MIS, Chap 10. Information systems security, pp. 419-460 - New strategy for IT security: Focus on the systems, not the threats, https://gcn.com/articles/2013/05/02/it-security-strategy-focus-on-systems-not-threats.aspx - Classification of Security Threats in Information Systems, http://www.sciencedirect.com/science/article/pii/S1877050914006528

		<ul style="list-style-type: none"> - Do your homework as a team: Using your knowledge and or Case study 10 Hitting the Target 	
21 F2F	LO 4	<p>Information Systems Management</p> <ul style="list-style-type: none"> - What are the functions and organization of the IS Department? - How do organizations plan the use of IS? - What are the advantages and disadvantages of outsourcing? - What are your user rights and responsibilities? - 2026? - Do your homework as a team: Using your knowledge and or Case study 11 iApp\$\$\$\$ 4 U 	<ul style="list-style-type: none"> - Information Systems Management - Using MIS, Chap 11. Information Systems Management, pp. 461-488 - Business or IT: What is the Main Job of a CIO?, https://www.thebalance.com/business-or-it-what-s-the-main-job-of-a-cio-2071252 - What's the difference between a CIO and a CTO?, http://www.cio.co.uk/cio-career/cio-vs-cto-3643772/
22 F2F	LO 4	<p>Information Systems Management</p> <ul style="list-style-type: none"> - What are the functions and organization of the IS Department? - How do organizations plan the use of IS? - What are the advantages and disadvantages of outsourcing? - What are your user rights and responsibilities? - 2026? - Do your homework as a team: Using your knowledge and or Case study 11 iApp\$\$\$\$ 4 U 	<ul style="list-style-type: none"> - Information Systems Management - Using MIS, Chap 11. Information Systems Management, pp. 461-488 - Business or IT: What is the Main Job of a CIO?, https://www.thebalance.com/business-or-it-what-s-the-main-job-of-a-cio-2071252 - What's the difference between a CIO and a CTO?, http://www.cio.co.uk/cio-career/cio-vs-cto-3643772/
23 GSLC	LO 4	<p>Information Systems Development</p> <ul style="list-style-type: none"> - How are business processes, IS and Applications developed? - How do organizations use business process management (BPM)? - How is Business Process Modeling Notation (BPMN) used to model processes? - What are the phases in the systems development life cycle (SDLC)? - What are the keys for successful SDLC Projects? - How can Scrum overcome the problems of the SDLC? - 2026? - Do your homework as a team: Using your knowledge and or Case study 12 When will we learn? 	<ul style="list-style-type: none"> - Information Systems Development - Using MIS, Chap 12. Information systems development, pp. 489-535 - 6 Basic SDLC Methodologies: Which One is best?, https://www.roberthalf.com/technology/blog/6-basic-sdlc-methodologies-the-pros-and-cons - The Power of Effective Prototyping, https://www.linkedin.com/pulse/power-effective-prototyping-howard-tiersky
24 GSLC	LO 4	<ul style="list-style-type: none"> • Information Systems Development - How are business processes, IS and Applications developed? - How do organizations use business process management (BPM)? - How is Business Process Modeling Notation (BPMN) used to model processes? - What are the phases in the systems development life cycle (SDLC)? - What are the keys for successful SDLC Projects? - How can Scrum overcome the problems of the 	<ul style="list-style-type: none"> - Information Systems Development - Using MIS, Chap 12. Information systems development, pp. 489-535 - 6 Basic SDLC Methodologies: Which One is best?, https://www.roberthalf.com/technology/blog/6-basic-sdlc-methodologies-the-pros-and-cons

		SDLC? - 2026? - Do your homework as a team: Using your knowledge and or Case study 12 When will we learn?	- The Power of Effective Prototyping, https://www.linkedin.com/pulse/power-effective-prototyping-howard-tiersky
25 F2F	LO 4	Review - It is depend on lecturer	- Review - Using MIS,
26 F2F	LO 4	Review - It is depend on lecturer	- Review - Using MIS,

8. Evaluation

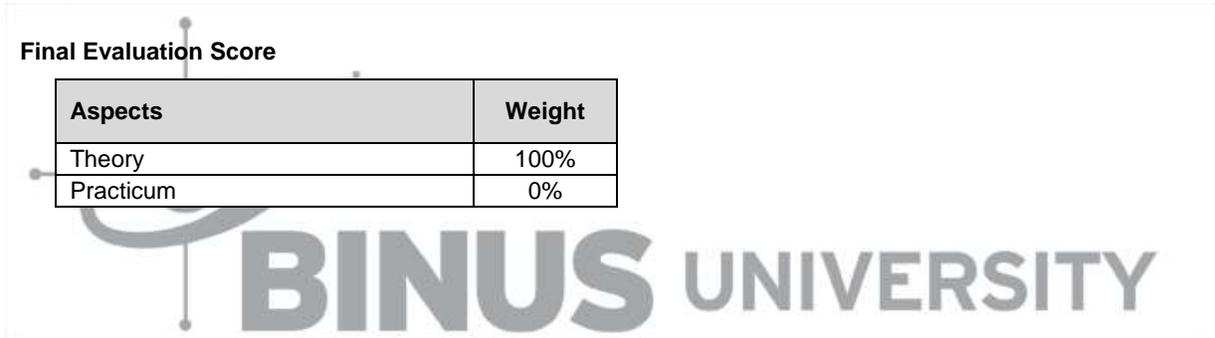
Theory

Assessment Activity	Weight	Learning Outcomes			
		1	2	3	4
Assignment	30%	√	√	√	√
Mid Exam	35%	√	√	√	
Final Exam	35%			√	√

Practicum

Final Evaluation Score

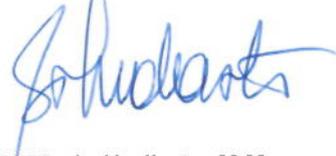
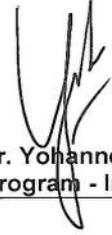
Aspects	Weight
Theory	100%
Practicum	0%



9. A. Assessment Rubric (Study Program Specific Outcomes)

LO	Indicators	Proficiency Level			
		Excellent (85 – 100)	Good (75 – 84)	Average (65 – 74)	Poor (<= 64)
LO 1	1.1. Ability to explain characteristics, criteria for success, and the primary purposes of collaboration.	The technical aspects of characteristics, criteria for success, and the primary purposes of collaboration are complete and clearly stated	The technical aspects of characteristics, criteria for success, and the primary purposes of collaboration are not complete and clearly stated	The technical aspects of characteristics, criteria for success, and the primary purposes of collaboration are half complete and clearly stated	The technical aspects of characteristics, criteria for success, and the primary purposes of collaboration are not complete and not clearly stated at all
	1.2. Ability to list of components of collaboration IS and collaboration for communication and content sharing.	The technical list of components of collaboration IS and collaboration for communication and content sharing are complete and clearly stated	The technical list of components of collaboration IS and collaboration for communication and content sharing are not complete and clearly stated	The technical list of components of collaboration IS and collaboration for communication and content sharing are half complete and clearly stated	The technical list of components of collaboration IS and collaboration for communication and content sharing are not complete and clearly stated
LO 2	2.1. Ability to define essentials of hardware and software technology to support and solve problems	Define essentials of hardware and software technology to support and solve problems are excellent explained	Define essentials of hardware and software technology to support and solve problems are good explained	Define essentials of hardware and software technology to support and solve problems are average explained	Define essentials of hardware and software technology to support and solve problems are poorly explained
	2.2. Ability to define essentials of hardware and software technology to support decisions	Define essentials of hardware and software technology to support decisions are very good demonstrated	Define essentials of hardware and software technology to support decisions are good enough demonstrated	Define essentials of hardware and software technology to support decisions are moderate demonstrated	Define essentials of hardware and software technology to support decisions are dissatisfaction demonstrated

LO 3	3.1. Ability to design work-group, enterprise and inter-enterprise for competitive advantage	Design work-group, enterprise and inter-enterprise for competitive advantage are very fine employed	Design work-group, enterprise and inter-enterprise for competitive advantage are more than moderate employed	Design work-group, enterprise and inter-enterprise for competitive advantage are moderate employed	Design work-group, enterprise and inter-enterprise for competitive advantage each are lower than moderate employed
	3.2. Ability to apply components of social media IS and explains how SMIS can contribute to organizational strategy	To apply components of social media IS and explains how SMIS can contribute to organizational strategy are complete identified	To apply components of social media IS and explains how SMIS can contribute to organizational strategy are good enough identified	To apply components of social media IS and explains how SMIS can contribute to organizational strategy are fair enough identified	To apply components of social media IS and explains how SMIS can contribute to organizational strategy are incomplete identified
LO 4	4.1. Ability to use the framework of organizational response to information security: security threats, policy and safeguard	To use the framework of organizational response to information security: security threats, policy and safeguard are very perfect described	To use the framework of organizational response to information security: security threats, policy and safeguard are good enough described	To use the framework of organizational response to information security: security threats, policy and safeguard are fair enough described	To use the framework of organizational response to information security: security threats, policy and safeguard are not perfect at all described
	4.2. Ability to build information systems using SDLC stages, or agile technology or scrum	To build information systems using SDLC stages, or agile technology or scrum very fine described	To build information systems using SDLC stages, or agile technology or scrum are good enough described	To build information systems using SDLC stages, or agile technology or scrum are fair enough described	To build information systems using SDLC stages, or agile technology or scrum are poor described

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