Title (Units): **COMP 1020 Introduction to Information Systems (1,1,0)**

Course Aims: To provide students an overview of the IS Program, the different involved specialties in the computer science and information systems fields in the business domain, and a glimpse of the career path of IS professionals.

Prerequisite: Nil

Learning Outcomes (LOs):
Upon successful completion of this course, students should be able to:

No.	Learning Outcomes (LOs)
	Knowledge
1	Describe the important topics under the field of information systems
2	Describe some basic industrial practices
3	Describe how information technology and business are related
	Transferable Skill
4	Write properly formatted and organized technical essays
5	Present and communicate ideas orally
6	Work as a team for a series of presentations and reports
7	Discuss and resolve conflicts for presentation and report content preparation
8	Give comments to presentations
9	Acquire and organize materials on some new topics
10	Manage time for group projects and group presentations
	Attitude
11	Communicate technical contents according to professional standards
12	Gain self-awareness via presentations, group discussion, individual term paper topic selection

Calendar Description: This course provides students an overview of the IS Program, the different involved specialties in the computer science and information systems fields in the business domain, and a glimpse of the career path of IS professionals.

Assessment:

No.	Assessment Methods	Weighting	Remarks
1	Continuous Assessment	100%	Students are required to write reports on each topic presented, select one topic to expand it to a term paper, and make an oral presentation. Students will meet alumnus to learn current industrial practices.

Assessment Rubrics (for report writing):

Criteria	Excellent (A)	Good (B)	Satisfactory (C)	Marginal Pass (D)	Fail (F)
Citation and Reference	Sufficient references and properly used in-text citations without any obvious mistakes	Quite Sufficient references and properly used in-text citations with minor format mistakes	Some references and in-text citations included; Occasional format and usage mistakes	Just some but insufficient references and no in-text citation	No reference at all
Report Organization	Logically well-structured and balanced throughout the report and within each section. Also, all the points are well articulated.	Logically well-structured and balanced throughout the report and within each section	Logically structured and balanced in the overall sense	Not well logically structured with redundancy and bias on contents	Putting points collected from different sources without careful thoughts on organization
Students'	Unique and in-depth	Manifest some	Some systematic	Short and simple	Just a summary of

Opinions	analysis/reflection which are well related to the topic and carefully developed	higher-order understanding of the topic	comments	comments here and there in the report	the topic
Technical Depth	State-of-art technical details covered and clearly explained	Major key technical details covered and clearly explained	Some key technical details covered	Only some technical details but not well fit to the report	Just some general technical concepts
Effort	Solid contents and arguments; sufficient references; everything carefully formatted	Smoothly present and develop the points using their own wordings and organization; sufficient references	Use their own way to develop the report; some references; demonstrated format effort	Copy and paste from the Web with paraphrasing effort; some references added	Just copy and paste things from the Web

Assessment Rubrics (for oral presentation):

Criteria	Excellent (A)	Good (B)	Satisfactory (C)	Marginal Pass (D)	Fail (F)
Presentation Skills	Projective voice together with proper intonation; Engaging the audience with proper eye contact, pauses, staging, and/or questions throughout the whole presentation; no obvious improper body gesture and posture.	Clear voice with variations in intonation; Engaged well with the audience via eye contact, and gestures for most of the time	Clear voice; Demonstrate reasonable effort to engage the audience via eye contact, and gestures; just occasional distracting gestures and movement	Basically read from the slides but with just occasional eye contact to show engagement with the audience.	Just read from the slides without any elaboration or intention to engage the audience.
Presentation Contents	The presentation was organized into clearly-identifiable sections with solid and relevant contents and presented in logical sequence which audience can follow.	The presentation was organized into clearly-identifiable sections with most information relevant and presented in logical sequence.	The flow is logical in general with occasional logical jumps at some points.	The presentation had limited identifiable sections and ideas were disjointed.	The presentation cannot be followed at all.

Learning Outcomes and Weighting:

Content	LO No.
I. Communication Skills	4,5,11
II. Overview of Information Systems	1,3
III. Information Systems Concepts	1,4-10,11,12
IV. Enabling Technologies	1,4-10,11,12
V. IS Professionals – Characteristics and Practices	2,4-10,11,12

References: Gary B. Shelly, Thomas J. Cashman and Dolores J. Wells, Discovering Computers 2003: Concepts for a Digital World (Complete), Course Technology, 2002.

Timonthy Cleary, Business Information Technology (5th Edition), Pearson Education, 2004.
Larry Long and Nancy Long, Computers: Information Technology in Perspective (12th Edition), Pearson Education, 2004.
George Beekman, Computer Confluence Comprehensive Edition (6th Edition), Prentice Hall, 2004
Open Systems Group (ed.), Systems Behaviour: Module 8 Systems Approaches, London: Harper & Row in association with the Open University, 1981.
Paul J. Lewis, Information-Systems Development: Systems Thinking in the Field of Information-Systems, Pitman Publishing, 1994.

Course Content in Outline:

	Topic
I.	Communication Skills
II.	Overview of Information Systems - Business and technology integration
III.	Information Systems Concepts A. Systems concepts B. Information systems development C. Information systems management
IV.	Enabling Technologies (e.g., Programming languages, computing paradigms, networking, etc.)
V.	IS Professionals – Characteristics and Practices

* The presented hours include lectures as well as student group presentations.