Syllabus

Navigation

Course Code

EKA1402

Course Name

Intoduction to Information Technology

Course Requirement

EKA-XXX, EKA-XXX

Course Facilitator

Gunawan Wibisono, SE, M.Acc

3rd Floor, West Wing, Faculty and Economics and Business Building

http://www.gunggu.com

gunggu@gmail.com

Course Description

The coiurse is designed as a basic for other information systems related coiurses. The coiurse will introduce the basic concept of informatioun technology infrastructure and architecture to students. Hardware, software, networks, and dsata management in organization and its effect will also be introduced. Varioius types of information systems implemented by organizatioun is also going to be introduced in this coiurse. Challenges in implementing informatioun technology in organization will also be discussed, including security and ethical challenges.

Course Objectives

A successfull completion of the course will enable students to:

1. Understand the basic concepts of informatioun technology infrastructure and architecture.
2. Understand the use of information technology in problem solving in an organization.
3. Understand the significance of dastabase management system for organizations.
4. Develop simple business/analysis program that can be applied in an organization as a problem solver.

Course Learning Methods

Students involvements are the center core of this course learning method. Students will need to participate in class discussions, presentations, lectures, and simulations. In each meetings, facilitator will confirm students' understanding on the course materials by giving questions, discussions on certain topics, group presentations, assignments, and simulations using information technology tools. In order for the method to be successfull, students are obligied to always prepare the course materials before each meetings and do their homework. This course is also adopting a greener approach, so less papers will be used in this course's activities. Homeworks and assignments are to be submitted by electronic means. Exams will also be conducted online using computers.

Course Rules

There are two rules for this course:

Academic Rules

1. Plagiarism and any kind of academic dishonesty will lead to a failure in completion of this course.
2. Prohibition in taking final exam will be given to students who have absenteeism level above 25% of the course meetings.
3. In case of special consideration, follow-up exams will only be given if a quota of 10% fulfilled, otherwise, a substitute assignment worth maximum 75% of the exam mark will be given.

Class Rules

Class rules are to be agreed upon between students and facilitator, consist of but not limited to the following:

1. Late Attendance
2. Food and Drinks
3. Appereance
4. Laptops and Mobile phones usage
5. Coffee/Tea/Praying Breaks
6. Temporary Permissions

Course Resources

1. O'Brien and Marakas, 2008, Introduction to Information Systems, 14th ed, Mc-Graw Hill (O)
2. Rainer & Turban, 2008, Introduction to Information Systems, 2nd ed, Pearson International. (R)
3. http://www.gunggu.com/iit

Course Assessment

Assessment items

1.	Student Participation	20%
2.	Group Presentation	15%
3.	Assignments/Homework/Quizz	15%
4.	Mid Exam	25%
5.	Final Exam	25%

Assessment method

Mid and Final exam will be assessed by using the exam score.
Group presentation will be assessed by the facilitator based on the following items:

1.	Presentation tools/media	3%
2.	Presentation perfromance	3%
3.	Forum management	3%
4.	Teamwork	3%
5.	Questions and answers	3%

Assignments/Homework/Quizz will be assessed by the facilitator/grader.
Participation is a self-assessment method by students using the honesty marking systems (http://snk.gunggu.com) under guidance and control by the facilitator.

Course Outline

Meetings	Topics	Resource	Asignments/Homework
1	Syllabus Explanation Overview of IT in Organizations	Syllabus Ch. 1 (O)	-
2	Hardware Introduction & Strategies	Ch. 3 (O)	TBA
3	IT in Organization: Interactive Project Proposal (MS Word)	Module 1	TBA
4	Software Introduction & Strategies	Ch. 4 (O)	TBA
5	IT in Organization: Simple Analysis Programming (Visual Basic MS Excel)	Module 2	TBA
6	Networks Introduction & Strategies	Ch. 6 (O)	TBA
7	IT in Organization: Network Applications (Google Ajax & API)	Module 3	TBA
8	Database Management Systems Intoduction	Ch. 5 (O)	TBA
9	IT in Organization: DBMS –SQL (MS Access/MySQL-PHP)	Module 4	TBA
10	eBusiness and eCommerce Introduction	Ch. 7 & 8 (O)	TBA
11	Managing IT in Business Organization	Ch. 2,9, 12 (O)	TBA
12	Information Systems Development	Ch. 10 (O)	TBA
13	Managing IT Challenges: Security and Ethical	Ch. 11 (O)	TBA
14	Review/Quizz/Feedback	-	

Others

Emergency procedures will be given by the facilitator in case of emergencies and disasters.