

ASSESSMENT REPORT – 2009

Name: Dr. Saleem Abuleil

Program: INFORMATION SYSTEMS (MIS)

Outcomes:

1- **INSY 1370 – Microcomputer Business Applications:** student should explore different business applications from MS-Office [MS-Word (word processor), MS-EXCEL (Electronic spreadsheet), MS-ACCESS (Database Management System) and MS-POWER POINT (for creating presentations)].

2- **INSY 4300 - Advanced Management Information system:** This course focuses on using a systems approach to manage microcomputer-based projects. The emphasis is on planning tools, information gathering techniques, data flow diagrams, GANTT charts, and data dictionaries. Students will participate in groups to plan and design a total computer system.

3- **Exit Interview:** The purpose of this assessment tool is to determine how well students understand our expectations of what they should know upon completion of their degree requirements. It covers different areas such as Management, Marketing, QBA, Accounting, Finance, Information systems, etc.

Method of Assessment / Criteria:

INSY 1370: Two main methods used: tests and projects. Each topic (MS-WORD, MS-EXCEL, MS-ACCESS, MS-POWER PONT) is divided into different tasks. Each task has given a number of points. After each topic is covered a test is

given. And a comprehensive project at the end of the semester to cover the whole materials covered during the semester. **See attached document.**

INSY 4300: The student has been tested based on a comprehensive group project. The purpose of the group project is to give students an opportunity to apply the concepts covered in class to real life situations. **See attached document.**

Project description:

- The project consists of 2-3 students.
- Each group identifies a systems analysis and design project.
- The project has four components: System Planning, System Requirements Modeling, System Data & Process Modeling, and System Design.
- Each group gives a written and an oral report on each component. The reports are listed below:

- ❖ A Preliminary Report: System Planning and System Requirements Modeling

- ❖ An Intermediate Report: System Planning, System Requirements Modeling, and System Data & Process Modeling

- ❖ A Final Report: System Planning, Requirements Modeling, Data & Process Modeling and Design

Assessment Finding/Interpretations/Conclusion:

INSY1370: the result came as follows: number of students: 17, the average used is 80%, number of students above the average is 15, and number of student below the average is 2.

Class average in all topics covered is 90.2%, the result in both pre test and post test as follows: in Ms-Word is (70.1%, 94.1%), MS-Excel is (47.9%, 90.4%), the result in MS-Access is (30.5%, 85.7%), and the result in MS-power point is (65.3%, 90.5%). **See attached document .**

There is a big need to increase the time for this course. In this course we cover four different applications and the time designated right now (three hours per week) is not enough to cover them all in a right manner. We need badly to extend the time one hour per week.

Change the textbook used in INSY1370 for the land (in classroom) sections from Office 2003 to Office 2007. Right now both office 2003 and office 2007 installed in the computer labs and students can use both of them.

INSY4300: the result came as follows: number of students is 10, number of groups is 3, the average used is 80%, number of groups above the average is 3, and number of groups below the average is 0.

Class average in all phases is 84.4%, class average in phase #1: System Planning is 88.0%, phase #2: System Analysis & Process/Data Modeling is 82.7%, phase #3: System Design is 82.2%. **See attached document**

There is a big need to increase time for this course. In this course the material (theories) and the technology (technical part) can not be covered in three hours per week. We need to extend the time one hour per week to be used for the lab to cover the tools and the technologies.

Exit Interview: : the result came as follows: number of students is 2, the average used is 70%, number of students above the average is 2, and number of students below the average is 0. Student average was 82.3%. **See attached document.**

Changes:

- Beginning the academic year 2008/2009 MIS program started using the new curriculum (the new curriculum updated the description of most of existing courses, and added new courses such as Computer Systems, Computer Networks, E-commerce and Web Dev)
- User friendly software (editor and compiler) installed in the computer lab for Java Language to be used for both INSY 2840 and INSY 3100 course.
- New computers and LCD screens installed in the computer lab
- New courses created and taught under INSY4900 “special Topics in Information Systems”: HTML and Web Development and Ethics in IT.

Recommendation for Academic Modifications Using the Findings:

- Extend the time for this MIS courses to four hours per week instead of three hours per week. That extra hour to be used to extend the time to cover the technologies such as MS-Project, System Architect and MS-Visio, MS-Office, programming languages, etc.
- Hire lab assistants to help students in their classes.
- Update the textbook used in INSY1370 for the land (in classroom) sections from Office 2003 to Office 2007. Right now both office 2003 and office 2007 installed in the computer labs and students can use both of them.

Demonstration Improved Learning:

The students learning have improved:

	<u>2006/2007</u> <u>Results</u>	<u>2007/2008</u> <u>Results</u>	<u>2008/2009</u> <u>Results</u>
Exit Interview (survey)	77.1%	79.2%	82.3%
INSY1370	85.2%	87.7%	90.2%
INSY4300	80.7%	83.1%	84.4%

Publicizing Student Learning:

The result of this assessment will be published on the department website.