ASSESSMENT REPORT – 2010/2011

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)]. This accommodate outcome #3 and #5 in the assessment plan.

2- **INSY 4300 – System Analysis and Design**: This course focuses on using a systems approach to manage microcomputer-based projects. The emphasis is on planning tools, information gathering techniques, system modeling, project management, and data dictionaries. Students will participate in groups to plan and design a total computer system. This accommodate outcome #6, #7, #9, #10, #11, #12, #13, and #14 in the assessment plan

3- **Exit Interview (Questionnaire)**: The purpose of this assessment tool is to determine how students understand our expectations of what they should know upon completion of their degree requirements. It covers different areas such as demographic information, rating general education skills, rating CSU and major, college activities, rating the core courses in Management, Marketing, QBA, Accounting, Finance, and Information Systems. This accommodate all outcome #1 to #16 in the assessment plan

Method of Assessment / Criteria:

INSY 1370: Two main methods are used: pre test and post test. Each topic (MS-WORD, MS-EXCEL, MS-ACCESS, MS-POWER PONT) is divided into different tasks and each task has given a number of points. Pre set uses some basic questions to expose student's knowledge in

each field (application) and post test is a comprehensive test to evaluate students understanding of each application after it is completed. See attached document.

INSY 4300: The students are evaluated 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: 22, the average used is 80%, number of students above the average is 19, and number of student below the average is 3. Class average in all topics covered is 88.2%, the result in both pre test and post test as follows: in Ms-Word is (63.0%, 94.2%), MS-Excel is (43.4%, 89.3%), the result in MS-Access is (32.2%, 80.4%), and the result in MS-power point is (58.8%, 88.7%). See attached spreadsheet.

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.

INSY4300: the result came as follows: number of students is 15, number of groups is 6, the average used is 80%, number of groups above the average is 4, and number of groups below the average is 2. Class average in all phases is 87.5%, class average in phase #1: System Planning is 90.8%, phase #2: System Analysis & Process/Data Modeling is 85.5%, phase #3: System Design is 86.2%. See attached Excel spreadsheet.

Exit Interview (Questionnaire): the result came as follows: number of students is 2 and the results came as follows in the core subjects 94% in MIS, 88% in QBA, 90% in MGMT, 79% in MKTG, 88% in FIN, and 63% in ACCT. See attached Excel spreadsheet for more information about the Questionnaire.

Decision-making Using Findings:

Based on our interpretation of the findings, our conclusions and discussions with faculty we recommend the following in the future:

- Hire lab assistants (torturing center) to help students in their classes.

- Upgrade MS-office from 2007 edition to 2010 edition

- Adopt and use some tools to motivate students such as Student Response System (SRS) / clickers or any other tool.

Demonstrating Improved Learning

The result of **INSY1370** dropped down few points in 2009/2010 then it went up again in 2010/2010 and this most likely due to changing the book and applications from 2003 to 2007 in

2009/2010. The results for this year show improvement from 86.0% (2009/2010) to 88.2% (2010/2011).

INSY4300: This year we changed the way how to handle the project by creating and using a repository for each group where they can store all documents and items related to the project and have the chance to review it each time they move from one stage to another and make full and comprehensive review at the end of the project by reorganizing the pieces in one folder. The results show improvement from the last academic year from 82.9% to 87.5%.

Exit Review: the results show improvement from the last academic year from 80.8% to 83.6%

Publicizing Student Learning

The results of the assessment are published on the department website.

The results of the assessment will be broadcasted on the LCD screens in the BHS building in the fourth floor and fifth floor.

Accomplishments and Challenge

The MMMIS department and the College of Business did the following changes in 2010/2011:

- New course "Information Security Management" created and taught under INSY 4900 (Special Topics in INSY)

- New course "Digital Entrepreneurship" created and taught by a new adjunct faculty who is specialist in this area

- The website of college of business has been updated

- Different activities conducted by the COB such as Brand U Series where students were taught business etiquette tips by an outside consultant, and an Executive Leadership

Lecture Series such as the Extreme Entrepreneur Tour sponsored by the Kaufman Foundation.

- Elluminate system has been used to provide online live sessions to students for some of the on-line courses

- New course QBA1500 "Introduction to Business Analysis via Spreadsheets" has been created and added to the curriculum as a core course for all majors in COB including MIS.

- New course MGMT 1030 "Introduction to Modern Business Systems" has been created and added to the curriculum as a core course for all majors in COB including MIS. The course focuses on business soft skills including team building, leadership, coaching, motivating, and business etiquette.