

# **Texas A&M International University Annual Institutional Effectiveness Review (AIER)**

**Date Submitted** January 30, 2008

**Assessment Period Covered (2007)**

**Academic Program/AES Unit** MS-IS

**Person(s) Preparing Review** Milton & Jacqueline Mayfield

**Provide summary of the last cycle's use of results and changes implemented**

Increased resources (faculty, instructors, and staff) have been requested to better meet student learning goals. New business communication professor hired to help improve communication courses.

Section I: Planning and Implementation

**Institutional Mission**

Texas A&M International University, a Member of The Texas A&M University System, prepares students for leadership roles in their chosen profession in an increasingly complex, culturally diverse state, national, and global society ... Through instruction, faculty and student research, and public service, Texas A&M International University embodies a strategic point of delivery for well-defined programs and services that improve the quality of life for citizens of the border region, the State of Texas, and national and international communities.

**Academic Program or Administrative/Educational Support Unit Mission**

The mission of the Department of DIBTS-MIS is to prepare students for professional and management positions in the fields of management information systems and decision science.

**Identify outcomes and the relationship to Strategic Plan**

**Outcome 1**  **Is this outcome related to writing (QEP)?**  
Graduates will demonstrate skills in writing technical reports.

**Identify Strategic Plan Goal related to Outcome 1**

**Identify Strategic Plan Objective related to Outcome 1**

1Objective 1.4: Prepare students for success in their chosen careers

**Identify methods of assessment to be used**

Student reports produced at the graduate capstone course (MIS5390) are reviewed by 3 faculty based on a writing effectiveness evaluation instrument (rubric) prepared by the faculty based on TAMIU's QEP document.

**Indicate when assessment will take place**

**Criteria/Benchmark**

50% (or more) of the reports will be considered acceptable according to the writing categories in the writing effectiveness evaluation instrument (rubric).

**Outcome 2**

**Is this outcome related to writing (QEP)?**

Graduates will have advanced knowledge and skills necessary to integrate and manage networking systems and devices.

**Identify Strategic Plan Goal related to Outcome 2**

**Identify Strategic Plan Objective related to Outcome 2**

2Objective 1.4: Prepare students for success in their chosen careers

**Identify methods of assessment to be used**

An objective test developed by members of the Department is administered to all the students attending a required program capstone course. The test measures, among other aspects, the students' advanced knowledge of networking concepts and methods.

Graduates will have advanced knowledge and skills necessary to integrate and manage database systems.

**Indicate when assessment will take place**

**Criteria/Benchmark**

Students will, on average, correctly answer 70% (or more) of the networking concepts and methods questions of the test.

Students will, on average, correctly answer 70% (or more) of the database concepts and methods questions of the test.

**Outcome 3**

**Is this outcome related to writing (QEP)?**

A majority of graduates will be employed in their area of training at time of graduation.

**Identify Strategic Plan Goal related to Outcome 3**

**Identify Strategic Plan Objective related to Outcome 3**

3Objective 1.4: Prepare students for success in their chosen careers

**Identify methods of assessment to be used**

Students were asked if they had obtained a job in the area of MIS.

**Indicate when assessment will take place**

**Criteria/Benchmark**

It is expected that at least 50% of students will have positions in the area of MIS.

## Section II: Analysis of Results

### **When (term/date) was assessment conducted?**

#### **Outcome 1**

Spring 2007

#### **Outcome 2**

Spring and Fall 2007

#### **Outcome 3**

Spring and Fall 2007

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### **What were the results attained (raw data)?**

#### **Outcome 1**

100% of reports were deemed acceptable.

#### **Outcome 2**

Students scored 80% in the Network Concepts areas.

Students scored 33% in the Database area.

#### **Outcome 3**

30% of students expect to be employed in their area of study.

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### **Who (specify names) conducted analysis of data?**

#### **Outcome 1**

Milton and Jacqueline Mayfield

#### **Outcome 2**

Milton and Jacqueline Mayfield

#### **Outcome 3**

Milton and Jacqueline Mayfield

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### **When were the results and analysis shared and with whom (department chair, supervisor, staff, external stakeholders)? Submit minutes with data analysis to [assessment@tamiu.edu](mailto:assessment@tamiu.edu) (Please use Minutes Template located on the [Project INTEGRATE web page.](#))**

These results were shared with DIBTS at the division meeting.

**NOTE: Submit all assessment documentation (i.e., surveys, rubrics, course exams with embedded questions, etc.) to the Office of Institutional Effectiveness and Planning.**

**Use of Results: Indicate whether criteria were met/not met and what changes, if any, have been identified based on the data collected?**

**Outcome 1**

Met    Not Met

**Provide narrative:** Writing technical document skills met set criteria.

**Outcome 2**

Met    Not Met

**Provide narrative:** While the Network Concepts area skill criteria were met, the Database skill area was not. More resources need to be allocated to this area.

**Outcome 3**

Met    Not Met

**Provide narrative:** A greater focus needs to be placed on placing students in their area of study.

**How have these data-based changes improved your program/unit?**

Section III: Programmatic Review

**Are resources affected by the changes identified in Section II?**    Yes    No

**If so, specify the effect(s) using the chart below:**

Funding	Physical	Other
<input checked="" type="checkbox"/> New resources required	<input type="checkbox"/> New or reallocated space	<input checked="" type="checkbox"/> Primarily faculty/staff time
<input type="checkbox"/> Reallocation of current funds		<input type="checkbox"/> University rule/procedure change only
		<input type="checkbox"/> Other: Enter text here

**Provide a narrative description and justification for requested resources (include linkage to Strategic Plan)**

MIS students need more training under doctorally qualified MIS faculty who have a specialization in database development. Improved student training can come about through reduced class sizes that will allow more one on one interaction. This increased focus can be achieved by hiring more faculty, or re-allocating existing faculty time. These increased resources will help meet our academic Strategic Plan goals.

**Identify proposed outcomes for the next assessment cycle:**

Continuation of present outcome(s) – (Indicate reason for continuation):  
These measures are useful and sufficient for assessing our current Strategic Goals.

New Outcome(s) – (List outcomes below):  
Enter text here

Modification of present outcome(s) – (Indicate reason for modification):  
Enter text here

**\*\*\*\* This section to be completed by dean/director/vice-president \*\*\*\***

**Are resources requested a priority for the academic program/AES unit?**

Yes    No

**Comments:**

Enter text here

**If funding, physical or other resources were requested, what is the impact of the budget decisions on the academic program/AES unit?**

Enter text here