

**Texas A&M International University  
Annual Institutional Effectiveness Review (AIER)  
for Academic Programs**

**Program:** MS-MIS

**Assessment Period Covered:** January 1, 2009 to January 31, 2010

**Program Coordinator (Preparer of Report)** Tim Goles

**List Other Program Faculty:**

<b>Haibo Wang</b>
<b>Paul Madlock</b>
<b>Hugo Garcia</b>
<b>Milton Mayfield</b>
<b>Jacqueline Mayfield</b>

**Reviewed by Chair: Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**Reviewed by Dean: Name** \_\_\_\_\_ **Date** \_\_\_\_\_

**The Annual Institutional Effectiveness Review for Academic Programs is directed at Goal 1: Academics of the Texas A&M International University 2006-2010 Strategic Plan:**

Develop, maintain, assess, and improve academic programs, administrative/educational support services and student services, to admit, retain, and graduate students who achieve established learning outcomes designed to prepare them for success in their chosen careers.

**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 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.

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

*Program faculty should evaluate the former cycle. This statement should specify if the outcomes addressed were a continuation of previous ones, new outcomes, or modified versions of previous outcomes. In addition, the statement should include a concise analysis of the assessment data collected during the previous year, a brief explanation of actions taken to address specific outcomes, an evaluation of how these actions contributed to the improvement of the program, and any recommendations formulated. Assessment data—including actual samples of student work—must be viewed and discussed by program faculty during this process.*

Increased resources (faculty, instructors, and staff) have been requested to better meet student learning goals. Program level learning outcomes have been refined to better meet analysis and implementation needs. Additional monitoring has been implemented to ensure sufficient numbers of students are involved for proper learning analysis. Prior assessment did not indicate any problem areas. A business communication professor has been hired to meet a previously identified need for improved student writing and communication skills.

**Selected list of program-level intended student learning outcomes** (*It is recommended that programs rotate through their entire set of outcomes over a multi-year period. Programs may focus on one or two outcomes each year, as deemed appropriate*).

1. Graduates will have acquired advanced knowledge and skills necessary to integrate and manage systems.
2. Graduates will have advanced knowledge and skills necessary to integrate and manage networking systems and devices.
3. Graduates will have advanced knowledge and skills necessary to integrate and manage database systems.
4. Graduates will demonstrate skills in business research and writing technical reports.
- 5.

## Section I: Planning and Implementation

**Outcome(s):** *Identify the outcome(s) that will be focused upon this year.*

1. Graduates will have acquired advanced knowledge and skills necessary to integrate and manage systems.
2. Graduates will have advanced knowledge and skills necessary to integrate and manage networking systems and devices.
3. Graduates will have advanced knowledge and skills necessary to integrate and manage database systems.
4. Graduates' skills in business research and writing technical reports will be assessed during the 2009 assessment cycle. (This outcome will not be assessed during this cycle. It is being included for the sake of completeness.)

**Please indicate if the outcome(s) is (are) related to writing (QEP).**

**Methods of assessment to be used:** *The explanation should identify and describe the type of assessment(s) that will be used (e.g., survey, questionnaire, observation instrument, test, rubric to evaluate performance, standardized examination, action research, interviews, etc.), who will provide the information, and how the data will be obtained.*

Internally generated tests (Outcomes 1, 2, & 3)

Criteria based writing sample analysis (Outcome 4)

**Indicate when assessment(s) will take place**

Fall and Spring semesters

**Criteria/Benchmark(s):** *[Specify, if deemed appropriate to assess outcome(s). Criteria/ benchmark(s) may be optional, especially if qualitative measures are used for data collection.]*

Results will be compared to benchmark year criteria.  
The benchmarks are based on the 2006 results, and are as follows:  
Systems Management - 70%  
Network Analysis - 70%  
Database - 70%

**Section II: Analysis of Results**

**What were the results attained?** *Describe the primary results or findings from your analysis of the information collected. This section should include an explanation of any strength(s) or weakness(es) of the program suggested by the results.*

Systems Management = 8%, benchmark criteria not reached  
Network Analysis = 80%, benchmark criteria reached  
Database = 80%, benchmark criteria reached

Systems Management was the one area in which the benchmark criteria was not reached. Further discussion on this issue will take place during the college annual retreat.

**What were the conclusions reached?**

*Should include a brief description of the procedure used for reaching the conclusion(s) based on the evidence collected and describe the process used to disseminate the information to other individuals. For example, if the discussion took place during the annual spring retreat, include a summary from those deliberations using the Meeting Minutes template found on the Project Integrate web page at <http://www.tamtu.edu/integrate/docs/Minutes-Template.doc>. Once completed, submit the minutes to [assessment@tamtu.edu](mailto:assessment@tamtu.edu).*

Testing methods need to be updated for SACS and AACSB purposes. Additionally, procedures will be put in place to ensure that appropriate learning goals are implemented for all relevant core courses. Long term, there will be procedures developed to ensure that appropriately qualified and trained instructors are teaching the courses. This decision is based on College level SACS committee deliberations and e-mail based Delphi technique at the Division (Department) level.

**Describe the action plan formulated. (The plan may be multi-year in nature.)**

*Based on the conclusion(s), describe the action plan to be implemented to improve or maintain student learning, including a timeline for implementation.*

- 1) New test items will be generated before the Fall 2010 assessment period. These items will be reviewed by area faculty for appropriateness.

- 2) All faculty teaching core courses will be requested to provide testable learning outcomes, reproduce these outcomes on their syllabi (as appropriate), and ensure that these learning outcomes are tested within the class. This step will be implemented for Fall 2010 classes.
- 3) Procedures will be developed by the Division to ensure that qualified faculty (as defined by AACSB) are teaching the majority of core courses. This step will take place over the next two years.

### Section III: Resources

**Resource(s) to implement action plan:** *Describe the resources that will be needed to implement the action plan. Also indicate if the resources are currently available, or if additional funds will be needed to obtain these resources.*

**Funding**

- New Resources Required
- x Reallocation of current funds

**Physical**

- New or reallocated space

**Other**

- x Primarily faculty/staff time
- University/rule procedure change only

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

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

Continuation of present outcome(s) – (Indicate reason for continuation):

New Outcome(s) – (List outcomes below):

Modification of present outcome(s) – (Indicate reason for modification): }

Date Completed: 15 April 2010

Submit completed form to [integrate@tamiu.edu](mailto:integrate@tamiu.edu).

Updated 09/03/2009