

Administrative and Educational Support Report*

Department of CIS & Quantitative Methods

**Annual Action Plan
Annual Assessment Report**

June 2005 – May 2006

***Student Learning Outcomes for this department are available at
<http://ie.panam.edu/CoBALearningOutcomes.htm>**



Annual Action Plan: June 1, 2005–May 31, 2006

Unit:

Department of Computer Information Systems and Quantitative Methods Department

UTPA Mission: The University of Texas-Pan American (UTPA) serves the higher education needs of a rapidly growing, international, multicultural population in the South Texas Region. The University preserves, transmits and creates knowledge to serve the cultural, civic, and economic advancement of the region and the state. The University provides students advanced instruction in academic programs offered through innovative delivery systems that lead to professional certification, and baccalaureate, master's and doctoral degrees. Through teaching, research, creative activity and public service, UTPA prepares students for lifelong learning and leadership roles in the state, nation and world community.

Division: Academic Affairs

Unit Head: Les Rydl

Unit Mission: Through a process of continuous improvement, the Department of Computer Information Systems and Quantitative Methods (CIS/QUMT) seeks to provide a high quality, future-oriented education program that prepares its graduates with the necessary analytical, technical, and managerial background to function effectively in complex, culturally diverse, and technologically-oriented professional environments. The department values and encourages a balance of teaching, together with basic, applied, and pedagogical research, and service at a level with both the university and college goals and objectives.

Unit Goal: Provide quality computer information system and quantitative courses that cultivate active learning, critical thinking, and interdisciplinary perspectives.

Link to UTPA Goal(s):

1. Ensure undergraduate student access and success
2. Enhance graduate education and research

Unit Objective (Action Priority: #1 is highest)	Link to UTPA Objective	Expected Outcome for Unit Objective (AA-Measurable Objective)	Strategy(ies) to Achieve Expected Outcomes	Assessment Criteria, Evaluation Methods for Expected Outcome	New Resources Needed in FY06
Student learning outcomes assessment (SLO). (1)	2, 4	The department will implement a 2005-2006 student learning improvement plan, based on the 2004-2005 student learning outcomes assessment.	<ul style="list-style-type: none"> • Implement a student learning improvement plan (SLIP) • Integrate the results achieved from implementing the SLIP in the 2005-06 annual assessment 	The department will address the effectiveness of their student learning improvement plan in the 2005-2006 Annual Assessment Report due in May 2006.	None

Unit Objective (Action Priority: #1 is highest)	Link to UTPA Objective	Expected Outcome for Unit Objective (AA-Measurable Objective)	Strategy(ies) to Achieve Expected Outcomes	Assessment Criteria, Evaluation Methods for Expected Outcome	New Resources Needed in FY06
			report.		

Unit Goal:	Provide an effective student recruitment, development, retention, and placement program designed to promote and serve a diverse student population.
Link to UTPA Goal(s):	1. Ensure undergraduate student access and success 2. Enhance graduate education and research

Unit Objective (Action Priority: #1 is highest)	Link to UTPA Objective	Expected Outcome for Unit Objective (AA-Measurable Objective)	Strategy(ies) to Achieve Expected Outcomes	Assessment Criteria, Evaluation Methods for Expected Outcome	New Resources Needed in FY06
Time-to-graduation. (2)	2, 4	In fall 2005, the department (contingent on data from the OIRE) will conduct an assessment of time-to-graduation.	<ul style="list-style-type: none"> Receive instructions from Dean/Provost for assessing time-to-graduation. Conduct the assessment. 	In January 2006, submit to the Dean/Provost a report detailing the time-to-graduation baseline for this program.	None
Student success. (3)	2, 4	The department will review the official list of factors (provided by the Provost) that contribute to student success and prepare an integrated plan for measuring student success in its programs beginning in September 2006.	<ul style="list-style-type: none"> Receive guidelines for the integrated plan. Work with other departments/programs on integrated college plan for measuring student success. 	Submit to the Dean/Provost the integrated college plan for measuring student success.	None

Unit Goal:	Facilitate excellence in scholarship, research, and/or creative activities for the enhancement of knowledge that can be shared with the public through presentation, publication, or performance.
Link to UTPA Goal(s):	1. Ensure undergraduate student access and success 2. Enhance graduate education and research

Unit Objective (Action Priority: #1 is highest)	Link to UTPA Objective	Expected Outcome for Unit Objective (AA-Measurable Objective)	Strategy(ies) to Achieve Expected Outcomes	Assessment Criteria, Evaluation Methods for Expected Outcome	New Resources Needed in FY06
Research productivity. (4)	2, 5	Using data for AY05, the department will establish the baseline for the level of scholarly productivity.	Submit to Dean/Provost 2004-05 data for the department for review and preparation of master research productivity spreadsheet.	In January 2006, submit to the Dean a report detailing the establishment of a scholarly productivity baseline for the department.	None



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Student learning outcomes assessment (SLO). (1)	2, 4	The department will implement a 2005-2006 student learning improvement plan, based on the 2004-2005 student learning outcomes assessment.	The department will address the effectiveness of their student learning improvement plan in the 2005-2006 Annual Assessment Report due in May 2006.	Results of ETS exam given to senior business majors indicated that students performed at or slightly above the national average in Information Systems and Quantitative Methods.	<p>Statistics content was modified and a tutor was hired. Some faculty included bonus points for those who attended tutoring sessions.</p> <p>The number of CIS graduates remained constant, about 25 per academic year.</p>

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Unit Objective (Priority: #1 is highest)	Link to UTPA Objective	Expected Outcome	Assessment Criteria, Evaluation Methods	Assessment Results (Use actual data to describe annual performance)	Use of Results (What change was made?)
Time-to-graduation. (2)	2, 4	In fall 2005, the department (contingent on data from the OIRE) will conduct an assessment of time-to-graduation.	In January 2006, submit to the Dean/Provost a report detailing the time-to-graduation baseline for this program.	Data was not obtained but university statistics showed that time to graduation has not changed significantly.	The CIS BBA degree was modified to have 1 less required course and 1 more elective course. Degree requirements were changed from 128 hours to 125 and several required business classes were given other alternatives. Impact of new plan on time to graduation will not be available for 2 years.
Student success. (3)	2, 4	The department will review the official list of factors (provided by the Provost) that contribute to student success and prepare an integrated plan for measuring student success in its programs beginning in September 2006.	Submit to the Dean/Provost the integrated college plan for measuring student success.	In progress. Assessment tools in addition to ETS exam taken by senior BBA students.	Curriculum will be modified to overcome areas detected to be weak or lacking.

Annual Assessment Report, June 1, 2005–May 31, 2006

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Research productivity. (4)	2, 5	Using data for AY05, the department will establish the baseline for the level of scholarly productivity.	In January 2006, submit to the Dean a report detailing the establishment of a scholarly productivity baseline for the department.	Total research production for 2005-2006 was not readily available. 2004 - 2005 Refereed Journal Articles (RJA) – 47 Presentations – 27 2003 – 2004. RJAs - 18 Presentations - 30. 150% increase in RJAs Slight decrease in presentations.	Each Faculty member had a maximum teaching load of 9 hours per semester. Faculty research emphases was changed from presentations and proceedings to refereed journal articles.