

Unit Assessment Report - Four Column

Texas Tech University Admin - Mathematics and Statistics

Outcomes	Means of Assessment & Criteria / Tasks	Results	Action for Improvement & Documentation of Action for
Admin - Mathematics and Statistics - Priority 1_Increase Enrollment and Promote Student Success - We will grow and diversify our student population in order to improve higher education participation and supply a well-equipped, educated workforce for the state of Texas. Start Date: 04/11/2011	Assessment Method: 2010 Fall Enrollment in department	09/01/2011 - 362 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Transfers from Texas 2-year Colleges with at least 30 Credit Hours in department	09/01/2011 - 15 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Graduate Student Enrollment as a percentage of Total Enrollment in department (includes Law Students)	09/01/2011 - 33.43% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 One-year Retention Rate in department	09/01/2011 - 91.18% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Two-year Retention Rate in department	09/01/2011 - 80.56% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Four-year Graduation Rate in department	09/01/2011 - 48% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Six-year Graduation Rate in department	09/01/2011 - 62.07% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Total Degrees Awarded in department (Annual)	09/01/2011 - 59 Result Type: Inconclusive Action Status:	

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	Assessment Method: 2010 First-time entering freshman class demonstrates progress toward achieving....Closing The Gap	09/01/2011 - 1 Asian (1.9%); 1 Black, Not of Hispanic Origin (1.9%); 12 Hispanic (23.1%); 1 Multiple (1.9%); 37 White (71.2%) Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Freshmen in Top 25% of High School Class in department	09/01/2011 - 73.08% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Freshman Class in 75th Percentile in department	09/01/2011 - 20 SAT (38.5%); 8 ACT (15.4%); Total = 53.9% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Fall Enrollment in department	09/01/2011 - 362 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: Priority 1_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward increasing enrollment and promoting student success.	10/28/2011 - Priority 1 Narrative Result Type: Inconclusive Action Status: No Action Needed Related Documents: Priority 1 Narrative	
Admin - Mathematics and Statistics - Priority 2_ Strengthen Academic Quality and Reputation - We will attract and retain the best faculty in the world in order to enhance our teaching excellence and grow our number of nationally recognized programs.	Assessment Method: 2010 Total Doctorates Awarded in department	09/01/2011 - 2 Result Type: Inconclusive Action Status: Action To Be Defined	
Start Date: 04/11/2011	Assessment Method: 2010 Total Ph.D.s Awarded in department	09/01/2011 - 2 Result Type: Inconclusive Action Status: Action To Be Defined	

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	Assessment Method: 2010 New Doctoral Programs w/GRE scores exceeding ETS averages (in department, if applicable)	09/01/2011 - NA Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Master's Graduation Rate in department	09/01/2011 - 66.67% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 New Doctoral Graduation Rate in department	09/01/2011 - NA Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Doctoral Time to Degree Rate in department	09/01/2011 - 4.7 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Percentage of Full-Time Equivalent Teaching Faculty who are Tenured or Tenure-track in department	09/01/2011 - 84.31% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Tenure or Tenure-track Faculty Teaching Lower Division Student Credit Hours in department	09/01/2011 - 14.95% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Student to Faculty Ratio in department	09/01/2011 - 43:1 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Percentage of undergraduate classes with fewer than 19 students in department	09/01/2011 - 5.96% Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: 2010 Percentage of undergraduate classes with more than 50 students in department	09/01/2011 - 16.06% Result Type: Inconclusive	

Outcomes	Means of Assessment & Criteria / Tasks	Results	Action for Improvement & Documentation of Action for
	<p>Assessment Method: Priority 2_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward strengthening TTU's academic quality and reputation.</p>	<p>Action Status: Action To Be Defined</p> <hr/> <p>10/28/2011 - Priority 2 Narrative</p> <p>Result Type: Inconclusive</p> <p>Action Status: No Action Needed</p> <p>Related Documents: Priority 2 Narrative</p>	
<p>Admin - Mathematics and Statistics - Priority 3_Expand and Enhance Research and Creative Scholarship - We will significantly increase the amount of public and private research dollars in order to advance knowledge, improve the quality of life in our state and nation, and enhance the state's economy and global competitiveness.</p> <p>Start Date: 04/11/2011</p>	<p>Assessment Method: New Total Research Expenditures in department</p> <hr/> <p>Assessment Method: Restricted Research Expenditures in department</p> <hr/> <p>Assessment Method: Federal Research Expenditures (NSF) in department</p> <hr/> <p>Assessment Method: Federal Research Expenditures per Faculty Full-time Equivalent</p> <hr/> <p>Assessment Method: Number of TTU-led Collaborative Research Projects with TTUHSC in department</p> <hr/> <p>Assessment Method: Proposals Submitted in department</p> <hr/> <p>Assessment Method: Strategic Faculty hires in department</p> <hr/> <p>Assessment Method: Research Space in Square Feet in department</p> <hr/> <p>Assessment Method: Total research expenditures (NSF) in department</p> <hr/> <p>Assessment Method: New Post-doctorates (NSF) in department</p>	<p>09/01/2011 - \$820,254.70</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	

Outcomes	Means of Assessment & Criteria / Tasks	Results	Action for Improvement & Documentation of Action for
	<p>Assessment Method: Priority 3_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward expanding and enhancing research and creative scholarship.</p>	<p>10/28/2011 - Priority 3 Narrative Result Type: Inconclusive Action Status: No Action Needed Related Documents: Priority 3 Narrative</p>	
<p>Admin - Mathematics and Statistics - Priority 4_Further Outreach and Engagement - We will expand our community outreach, promote higher education, and continue to engage in partnerships in order to improve our communities and enrich their quality of life.</p> <p>Start Date: 04/11/2011</p>	<p>Assessment Method: Total Non-TTU attendees and Participants in TTU Outreach and Engagement Activities(OEMI* - duplicated headcount)</p> <p>Assessment Method: K-12 Students and Teachers Participating in TTU Outreach and Engagement Activities (OEMI - duplicated headcount)</p> <p>Assessment Method: Total Funding Generated by TTU Institutional and Multi-institutional Outreach and Engagement activities (OEMI- non-TTU sources; may include duplicated sums)</p> <p>Assessment Method: Priority 4_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward expanding outreach and engagement activities.</p>	<p>10/28/2011 - Priority 4 Narrative Result Type: Inconclusive Action Status: No Action Needed Related Documents: Priority 4 Narrative</p>	
<p>Admin - Mathematics and Statistics - Priority 5_Increase and Maximize Resources - We will increase funding for scholarships, professorships, and world-class facilities, and maximize those investments through more efficient operations in order to ensure affordability for students and accountability to the State</p> <p>Start Date: 04/11/2011</p>	<p>Assessment Method: Total Weighted Student Credit Hours in department</p> <p>Assessment Method: Administrative Cost as % of Operating Budget in department</p> <p>Assessment Method: Total Endowment in department</p> <p>Assessment Method: Total Budgeted Revenue</p>	<p>09/01/2011 - 97,422.69 Result Type: Inconclusive Action Status: Action To Be Defined</p>	

Outcomes	Means of Assessment & Criteria / Tasks	Results	Action for Improvement & Documentation of Action for
	<p>Assessment Method: Classroom Space Usage Efficiency Score</p> <p>Assessment Method: Operating Expense per Full-Time Equivalent Student in department</p> <p>Assessment Method: Total Invention Disclosures</p> <p>Assessment Method: Total Gross Revenue - Technology Commercialization</p> <p>Assessment Method: Total Funds Raised Annually</p> <p>Assessment Method: Priority 5_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward increasing and maximizing resources.</p>	<p>10/28/2011 - Priority 5 Narrative</p> <p>Result Type: Inconclusive</p> <p>Action Status: No Action Needed</p> <p>Related Documents: Priority 5 Narrative</p>	
<p>Admin - Mathematics and Statistics - Priority 2_ Strengthen Academic Quality and Reputation_1 - We will attract and retain the best faculty in the world in order to enhance our teaching excellence and grow our number of nationally recognized programs.</p> <p>Start Date: 04/11/2011</p>	<p>Assessment Method: 2010 Total Doctorates Awarded in department</p> <p>Assessment Method: 2010 Total Ph.D.s Awarded in department</p> <p>Assessment Method: 2010 New Doctoral Programs w/GRE scores exceeding ETS averages (in department, if applicable)</p> <p>Assessment Method: 2010 Master's Graduation Rate in department</p> <p>Assessment Method: 2010 New Doctoral Graduation Rate in department</p> <p>Assessment Method: 2010 Doctoral Time to Degree Rate in department</p> <p>Assessment Method: 2010 Percentage of Full-Time Equivalent</p>		

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	Teaching Faculty who are Tenured or Tenure-track in department		
	Assessment Method: 2010 Tenure or Tenure-track Faculty Teaching Lower Division Student Credit Hours in department		
	Assessment Method: 2010 Student to Faculty Ratio in department		
	Assessment Method: 2010 Percentage of undergraduate classes with fewer than 19 students in department		
	Assessment Method: 2010 Percentage of undergraduate classes with more than 50 students in department		
	Assessment Method: Priority 2_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward strengthening TTU's academic quality and reputation.		
	Assessment Method: AS - Number of faculty engaged in undergraduate research in the department	10/25/2011 - 15 (36%) Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: AS - Number of undergraduate students involved in research in the department	10/25/2011 - 19 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: AS - Did your unit conduct degree program assessments? Were changes to the degree programs made as a result of this assessment?	10/25/2011 - Yes. Result Type: Inconclusive Action Status: Action To Be Defined Related Documents: Program Assessments.pdf	
	Assessment Method: AS - Number of faculty in the department receiving external recognition awards.	10/25/2011 - 0 Result Type: Goal Not Met Action Status:	

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	Assessment Method: AS - Number of faculty in the department receiving internal recognition awards	10/25/2011 - 4 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: AS - Number of faculty in the department receiving nationally recognized awards	10/25/2011 - 0 Result Type: Goal Not Met Action Status: Action To Be Defined	
	Assessment Method: AS - Number of fellows in professional societies in the department	10/28/2011 - 3 Result Type: Inconclusive Action Status: Action To Be Defined	
	Assessment Method: AS - Number of tenured/tenure - track faculty who have achieved recognition as a member of one of the National Academies	10/25/2011 - 0 Result Type: Goal Not Met Action Status: Action To Be Defined	
	Assessment Method: MS - Percentage of faculty directing graduate research theses and/or dissertations Criterion: 75% of faculty will be engaged in directing graduate research theses and/or dissertations	10/25/2011 - 73% Result Type: Goal Not Met Action Status: Action To Be Defined	
	Assessment Method: MS - Number of faculty serving on editorial boards Criterion: 25% of faculty will serve on editorial boards	10/25/2011 - 11 (25%) Result Type: Goal Met Action Status: No Action Needed	
	Assessment Method: MS - Five-year prelim passing percentage of PhD students Criterion: 75% of the students who take the prelims in the previous five-year window will pass the prelim requirement for advancement into the doctoral program.	10/25/2011 - 69.2% Result Type: Goal Not Met Action Status: Action To Be Defined Related Documents: 2010 Prelim Passage Rates	

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Admin - Mathematics and Statistics - Priority 3_Expand and Enhance Research and Creative Scholarship_1 - We will significantly increase the amount of public and private research dollars in order to advance knowledge, improve the quality of life in our state and nation, and enhance the state's economy and global competitiveness. Start Date: 04/11/2011	Assessment Method: New Total Research Expenditures in department		
	Assessment Method: Restricted Research Expenditures in department		
	Assessment Method: Federal Research Expenditures (NSF) in department		
	Assessment Method: Federal Research Expenditures per Faculty Full-time Equivalent		
	Assessment Method: Number of TTU-led Collaborative Research Projects with TTUHSC in department		
	Assessment Method: Proposals Submitted in department		
	Assessment Method: Strategic Faculty hires in department		
	Assessment Method: Research Space in Square Feet in department		
	Assessment Method: Total research expenditures (NSF) in department		
	Assessment Method: New Post-doctorates (NSF) in department		
	Assessment Method: Priority 3_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward expanding and enhancing research and creative scholarship.		
	Assessment Method: AS - Percentage of tenured/tenure - track faculty with research funding Criterion: 70% of faculty will have research funding	10/25/2011 - 59% Result Type: Goal Not Met Action Status: Action To Be Defined	

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	<p>Assessment Method: AS - Percentage of faculty engaged in research and creative activity</p> <p>Criterion: 90% percent of faculty will be engaged in directing graduate student research theses and/or dissertations or will have research funding or will submit research proposals or will have publications appearing or will have books appearing or will give research presentations</p>	<p>10/25/2011 - 95%</p> <p>Result Type: Goal Met</p> <p>Action Status: No Action Needed</p>	
	<p>Assessment Method: AS - Total publications in the department</p>	<p>10/25/2011 - 65</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	
	<p>Assessment Method: AS - Publications per Full-time Faculty(tenured/tenure-track)</p>	<p>10/25/2011 - 1.47</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	
	<p>Assessment Method: AS - Number of presentations by faculty members of the department</p>	<p>10/25/2011 - 93</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	
	<p>Assessment Method: AS - Number of books by faculty members of the department</p>	<p>10/25/2011 - 2</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	
	<p>Assessment Method: MS - Percentage of faculty submitting proposals</p> <p>Criterion: 70% of faculty will submit proposals</p>	<p>10/25/2011 - 48%</p> <p>Result Type: Goal Not Met</p> <p>Action Status: Action To Be Defined</p>	
<p>Admin - Mathematics and Statistics - Priority 4_Further Outreach and Engagement_1 - We will expand our community outreach, promote higher education, and continue to engage in partnerships in order to improve our communities and enrich their quality of</p>	<p>Assessment Method: Total Non-TTU attendees and Participants in TTU Outreach and Engagement Activities(OEMI* - duplicated headcount)</p> <p>Assessment Method: K-12 Students and Teachers Participating in</p>		

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<p>life.</p> <p>Start Date: 04/11/2011</p>	<p>TTU Outreach and Engagement Activities (OEMI - duplicated headcount)</p> <p>Assessment Method: Total Funding Generated by TTU Institutional and Multi-institutional Outreach and Engagement activities (OEMI- non-TTU sources; may include duplicated sums)</p> <p>Assessment Method: Priority 4_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward expanding outreach and engagement activities.</p> <p>Assessment Method: AS - Total number of faculty engaged in community outreach and partnerships</p>	<p>10/25/2011 - 16</p> <p>Result Type: Inconclusive</p> <p>Action Status: Action To Be Defined</p>	
<p>Admin - Mathematics and Statistics - Priority 5_Increase and Maximize Resources_1 - We will increase funding for scholarships, professorships, and world-class facilities, and maximize those investments through more efficient operations in order to ensure affordability for students and accountability to the State of Texas.</p> <p>Start Date: 04/11/2011</p>	<p>Assessment Method: Total Weighted Student Credit Hours in department</p> <p>Assessment Method: Administrative Cost as % of Operating Budget in department</p> <p>Assessment Method: Total Endowment in department</p> <p>Assessment Method: Total Budgeted Revenue</p> <p>Assessment Method: Classroom Space Usage Efficiency Score</p> <p>Assessment Method: Operating Expense per Full-Time Equivalent Student in department</p> <p>Assessment Method: Total Invention Disclosures</p> <p>Assessment Method: Total Gross Revenue - Technology Commercialization</p>		

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	<p>Assessment Method: Total Funds Raised Annually</p>		
	<p>Assessment Method: Priority 5_2010 Accomplishments. Please provide a short narrative (500 words maximum) that describes your efforts toward increasing and maximizing resources.</p>		
	<p>Assessment Method: AS - Total gifts and contracts in the department</p>		