

Department of Electrical Engineering

Annual Action Plan **Annual Assessment Report**

June 2006 – May 2007



Annual Action Plan: June 1, 2006–May 31, 2007

Unit: **Department of Electrical Engineering**

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: **Heinrich Foltz**

Unit Mission:

The Electrical Engineering Department will provide undergraduate students from the Lower Rio Grande Valley a quality education to prepare them for the practice of engineering, with sufficient depth to continue their education beyond the baccalaureate degree.

The curriculum provides skills that enhance the understanding of engineering sciences by

- including an adequate number of courses in the fundamental areas of mathematics, science, and engineering,
- having a strong lab component,
- emphasizing design, and stressing verbal and written communication, and
- incorporating the use of current computational hardware and software technologies.

To promote an awareness of current and emerging industrial practice, the department provides the students opportunities to participate in

- professional organizations,
- industrial internships or co-op experiences, and
- scholarly activities including supervised research.

The department provides the opportunity for student success in the undergraduate program through

- a readily available faculty, who continuously strive to improve their instructional materials and the methods of dissemination, practice lifelong learning by keeping abreast of and participating in the latest developments in their chosen areas of expertise, and interact across disciplines, and
- liberal access to the computational facilities and laboratories of the department.”

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective: Review and restructure all educational programs to ensure that students complete their educational goals in a timely fashion.

College/AVP Objective: Give students, and design programs, with more flexibility to meet core requirements, and reduce time to graduation.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Prepare revised Electrical Engineering (BSEE) degree plan. (1)	<ul style="list-style-type: none"> Re-establish BSEE Curriculum Revision Committee. Review curricula of other Texas BSEE programs. 	<ul style="list-style-type: none"> Completion of report on BSEE curricula in Texas. Submission of first draft of BSEE revision for faculty approval. Submission of revised draft of BSEE revision to college level and University Curriculum Committee. 	<ul style="list-style-type: none"> Report on Texas BSEE Curricula submitted by December 1, 2006. First draft UTPA BSEE Curriculum by February 1, 2007. Revised draft UTAP BSEE Curriculum by April 1, 2007. 	Faculty time only.
Make scheduling more flexible for students. (2)	<ul style="list-style-type: none"> Separate 4 hour courses into separate 3 hour lecture and 1 hour lab courses. Review once-per-year 3000 level courses to see if they can be offered more frequently. 	<ul style="list-style-type: none"> Submission of course changes to University Curriculum Committee. New sections to Spring 2007 and Fall 2007 schedules. 	<ul style="list-style-type: none"> Revision to split at least one 4 hour course submitted by November 1, 2006. At least one new required course offering identified for Spring 2007, and one additional for Fall 2007. 	Possibly add adjunct faculty for Strategy 2.

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
<p>Continue Academic Assessment (Continuous Improvement) Program. (3)</p>	<ul style="list-style-type: none"> • Give internal assessment tests each semester. • Perform senior exit survey once per year. • Administer Fundamentals of Engineering Exam twice per year and archive results. • Engage faculty in use of assessment results to improve curriculum. 	<ul style="list-style-type: none"> • Internal assessment tests given. • Seniors completing exit survey. • Successful administration of exams. • Faculty attending twice-per-year academic assessment meeting. 	<ul style="list-style-type: none"> • At least four courses assessed in each semester. • 75% or better return rate for senior survey, as reported by Assessment Coordinator. • Two exams given at UTPA meeting NCEES guidelines. • 85% or better faculty attendance at each retreat, as reported by Assessment Coordinator. 	<p>No new resources.</p>

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective: Create the academic infrastructure to improve student learning and success.

College/AVP Objective: Provide more flexible and coordinated scheduling of coursework.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Ensure that all students receive effective advising to properly sequence courses. (4)	<ul style="list-style-type: none"> Improve departmental advising by keeping individual records of advising sessions. Continue annual EE student convocation. Coordinate with AAM. 	<ul style="list-style-type: none"> Students attending advising. Students attending convocation. 	<ul style="list-style-type: none"> At least 85% attendance at preregistration advising, as measured by individual advising records. At least 55% attendance at convocation, measured by meal tickets collected. 	None
Make scheduling more flexible for students. (5)	<ul style="list-style-type: none"> Separate 4 hour courses into separate 3 hour lecture and 1 hour lab courses. Review once-per-year 3000 level courses to see if they can be offered more frequently. 	<ul style="list-style-type: none"> Submission of course changes to University Curriculum Committee. Addition of new sections to Spring 2007 and Fall 2007 schedules. Student satisfaction measured with scheduling. 	<ul style="list-style-type: none"> Revision to split at least one 4 hour course submitted by November 1, 2006. At least one new course identified for Spring 2007, and one additional for Fall 2007. At least 80% positive responses on annual survey. 	Possibly add Adjunct faculty for Strategy 2.

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective: Establish a separate Learning and Teaching Excellence Center to improve instructional practices and promote student engagement in learning.

College/AVP Objective: Plan and develop new academic programs and centers of excellence.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Initiate BS in Computer Engineering (with CS Dept). (5)	<ul style="list-style-type: none"> Assign faculty to program. Announce and advertise opening of program. Open program office. 	<ul style="list-style-type: none"> At least 4 FTE faculty for first semester of operation. Official announcement and opening of enrollment. Room designated and staff hired. 	<ul style="list-style-type: none"> Names of faculty totaling at least 4 FTE. Opening of enrollment by Spring 2007. Opening of Office with Staff by Spring 2007. 	Institutional Enhancement Budget for Computer Engineering
Create long term plan for new programs in Electrical Engineering. (6)	<ul style="list-style-type: none"> Investigate opportunities for Cooperative PhD programs. Allocate time for long-range planning of new programs at department retreat. 	<ul style="list-style-type: none"> List of Texas programs interested in Cooperative PhD program. Report submitted on long-range prospects for PhD, Cooperative PhD, and additional MS programs. 	<ul style="list-style-type: none"> List produced and promising candidates identified by January 31, 2007. Report on Planning for Advanced Programs submitted to Dean by March 31, 2007. 	None

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective: Assist students in defining their educational goals and support them in reaching those goals in a timely manner.

College/AVP Objective: Provide students with resources needed to succeed.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Ensure that all students receive effective advising to help define educational goals. (7)	<ul style="list-style-type: none"> Improve departmental advising by keeping individual records of advising sessions. Continue annual EE student convocation. Coordinate with AAM. 	<ul style="list-style-type: none"> Students attending advising. Students attending convocation. 	<ul style="list-style-type: none"> At least 85% attendance at preregistration advising, as measured by individual advising records. At least 55% attendance at convocation, measured by meal tickets collected. 	None
Support lower-division students through on-campus jobs related to their degree program. (8)	Seek funding from external agencies to continue existing TETC program	Submission of proposals for on-campus jobs program	At least one major external proposal submitted by August 31, 2006.	None

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Provide students with a quality educational experience that enables them to complete their educational goals in a timely fashion.

Academic Affairs Objective: Ensure that graduate programs are academically rigorous and research centered, promoting independent learning and preparing graduates to contribute successfully to their chosen professions.

College/AVP Objective: Infuse hands-on, field-base, and research experiences/opportunities into COSE curriculum.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Support lower-division students through on-campus jobs related to their degree program. (9)	Seek funding from external agencies to continue existing TETC program.	Proposals for on-campus jobs program.	At least one major TETC external proposal submitted by August 31, 2006.	None
Increase research funding that includes student support. (10)	Seek external research funding that includes student support as research assistants.	<ul style="list-style-type: none"> Research proposals by faculty including student support. At least one proposal for every faculty on 18 hour teaching load. 	<ul style="list-style-type: none"> 85% or better of 18 hour faculty meet one-proposal requirement. At least eight proposals total from Electrical Engineering including support for research assistants. 	None

UTPA Goal: Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship.

Academic Affairs Objective: Foster intramural and extramural collaborative research partnerships.

College/AVP Objective: Increase research collaborations among departments and other colleges and universities.

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase funded collaborative research with other universities and industry. (11)	Build on existing contacts by submitting collaborative proposals.	Collaborative proposals submitted.	<ul style="list-style-type: none"> At least two major external research proposals from Electrical Engineering including collaboration. At least two faculty participating in funded collaboration. 	None

UTPA Goal: Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship.

Academic Affairs Objective: Provide support for the improvement of the research infrastructure.

College/AVP Objective: Increase space and resources for research.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase space for research. (12)	<ul style="list-style-type: none"> Seek space outside engineering building (TMAC, Haggar, annex, etc). Work through CoSE Space Committee. 	<ul style="list-style-type: none"> Completion of RF/Microwave UWB facility at TMAC. Square feet net increase in research space. 	<ul style="list-style-type: none"> Completion of RF/Microwave UWB facility at TMAC by Spring 2007. At least 1000 sq ft of space identified in addition to TMAC space. 	Space
Increase support for	Use department travel	Trips supported.	At least five research	None

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
research related travel. (13)	budget for research instead of faculty hiring.		related trips supported by department funds, as shown by Requests for Official Travel.	

UTPA Goal: Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship.

Academic Affairs Objective: Establish a framework for external support of research and entrepreneurial activities.

College/AVP Objective: Increase funding for research through endowments, grants, contracts, and gifts.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase research funding that includes student support. (14)	Seek external research funding that includes student support as research assistants.	<ul style="list-style-type: none"> Research proposals by faculty including student support. At least one proposal for every faculty on 18 hour teaching load. 	<ul style="list-style-type: none"> 85% of better of 18 hour faculty meet one-proposal requirement. At least eight proposals total from Electrical Engineering including support for research assistants. 	None
Increase funded collaborative research with other universities and industry. (15)	Build on existing contacts by submitting collaborative proposals.	Collaborative proposals submitted.	<ul style="list-style-type: none"> At least two major external research proposals from Electrical Engineering including collaboration. At least two faculty 	None

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
			participating in funded collaboration.	

UTPA Goal: Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship.

Academic Affairs Objective: Establish a framework for external support of research and entrepreneurial activities.

College/AVP Objective: Expand undergraduate and graduate courses, programs, especially doctoral programs.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Initiate BS in Computer Engineering (with CS Dept). (16)	<ul style="list-style-type: none"> Assign faculty to program. Announce and advertise opening of program. Open program office. 	<ul style="list-style-type: none"> At least 4 FTE faculty for first semester of operation. Official announcement and opening of enrollment. Room designated and staff hired. 	<ul style="list-style-type: none"> Names of faculty totaling at least 4 FTE. Opening of enrollment by Spring 2007. Opening of Office with Staff by Spring 2007. 	Institutional Enhancement Budget for Computer Engineering.
Create long term plan for new programs in Electrical Engineering. (17)	<ul style="list-style-type: none"> Investigate opportunities for Cooperative PhD programs. Allocate time for long-range planning of new programs at department retreat. 	<ul style="list-style-type: none"> List of Texas programs interested in Cooperative PhD program. Submission of report on long-range prospects for PhD, Cooperative PhD, and additional MS 	<ul style="list-style-type: none"> List produced and candidate schools identified by January 31, 2007. Report on Planning for Advanced Programs submitted to Dean by March 31, 2007. 	None

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
		programs		

UTPA Goal: Become an outstanding research institution, emphasizing collaborative partnerships and entrepreneurship.

Academic Affairs Objective: Enhance and capitalize on faculty research capabilities.

College/AVP Objective: Provide incentives to existing faculty for research.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Have tenure and merit documents that recognize and reward research. (18)	Keep resubmitting documents (pending since 2002) until approved.	Approval of documents.	Approved tenure and merit documents during next academic year.	Action by administration.

UTPA Goal: Enhance UTPA's engagement with the community to meet challenges and maximize opportunities.

Academic Affairs Objective: Promote faculty and staff engagement in identifying and developing partnerships with external constituencies.

College/AVP Objective: Create partnerships with local businesses and organizations to serve needs of the community.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase number of industry based senior design projects. (19)	<ul style="list-style-type: none"> Contact local and EAC companies. 	More industry supported or suggested design projects.	At least four senior design projects from industry for 2006-2007 academic year,	None

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
	<ul style="list-style-type: none"> Promote industry based projects to students. 		as reported by Senior Design Coordinator.	

UTPA Goal: Enhance UTPA's engagement with the community to meet challenges and maximize opportunities.

Academic Affairs Objective: Provide resources necessary to accomplish, maintain, and/or develop outreach activities.

College/AVP Objective: Continue to participate in and promote community events.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Continue participation in HESTEC. (20)	<ul style="list-style-type: none"> EE representation at HESTEC Community Day. Encourage students and faculty to participate in HESTEC. 	<ol style="list-style-type: none"> Number of exhibits active. Number of students participating Number of faculty participating 	<ol style="list-style-type: none"> At least two exhibits active and functioning on Community Day At least 30 students reporting participation At least 8 faculty reporting participation 	None
Reach out to High School Counselors	Arrange engineering/CS Counselor's Day organized around UTPA alumni	One event in Fall 2006	Event held no later than December 1, 2006	Travel funds

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Enhance UTPA’s engagement with the community to meet challenges and maximize opportunities.

Academic Affairs Objective: Develop a Continuing Education Division within Academic Affairs.

College/AVP Objective: Develop and promote programs to meet the needs of the community.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Develop programs to promote engineering/CS to K-12 students. (20)	Develop and operate Summer Robotics Camps	<ul style="list-style-type: none"> Summer camps. Students enrolled in summer camps. 	<ul style="list-style-type: none"> At least four robotics camps held in Summer 2006. At least 75 students enrolled, as reported by Valley Outreach. 	None

UTPA Goal: Collaborate with K-12 schools to enlarge the pool of applicants who are personally prepared and academically qualified for higher education.

Academic Affairs Objective: Establish expectations/standards that define students who are personally prepared and academically qualified for college.

College/AVP Objective: Promote and enhance educational/research opportunities for K-12 students, and establish standards for students entering COS&E.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Develop programs to promote engineering/CS to	Develop and operate Summer Robotics Camps	<ul style="list-style-type: none"> Summer camps. 	<ul style="list-style-type: none"> At least four robotics camps held in Summer 	None

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
K-12 students. (21)		<ul style="list-style-type: none"> Students enrolled in summer camps. 	2006. <ul style="list-style-type: none"> At least 75 students enrolled, as reported by Valley Outreach. 	
Support high school students through on-campus jobs related to their future degree program. (22)	Seek funding from external agencies to expand existing TETC program.	Proposals for on-campus jobs program.	At least one major TETC external proposal submitted by August 31, 2006.	None

UTPA Goal: Collaborate with K-12 schools to enlarge the pool of applicants who are personally prepared and academically qualified for higher education.

Academic Affairs Objective: Collaborate with PK-12 institutions, STC and UTPA on curriculum alignment.

College/AVP Objective: Work with school district administrative leaders to ensure an integrated curriculum.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Reach out to High School Counselors. (23)	Arrange engineering/CS Counselor's Day organized around UTPA alumni.	One event in Fall 2006.	Event held no later than December 1, 2006.	Travel funds
Increase number of articulation agreements. (24)	Complete ongoing TSTC process, revise STC document, revive LCC document.	Agreements in place.	At least two current agreements in place specific to electrical engineering by April 1, 2007, as approved by Dr. McMillan's office.	None

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Infuse Inter-American and global perspectives throughout the University community.

Academic Affairs Objective: Increase and improve international activities on campus.

College/AVP Objective: Promote and enhance collaborations with universities and organizations with international emphasis.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase number of ITESM exchange students in Electrical Engineering. (25)	<ul style="list-style-type: none"> Work with international programs office. Possibly offer special summer course for ITESM students. 	More ITESM students enrolled.	At least 15 ITESM student enrollments in electrical engineering courses during 2006-2007 academic year, as measured by Office of International Programs.	None, except support for summer course if viable

UTPA Goal: Infuse Inter-American and global perspectives throughout the University community.

Academic Affairs Objective: Increase the number of international students on campus.

College/AVP Objective: Recruit international students to College of Science and Engineering.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Increase international enrollment in MS program. (26)	<ul style="list-style-type: none"> Leverage faculty contacts overseas. Arrange more assistantships. 	More international students enrolled.	(Too late for Fall 2006). At least 12 international students in Spring 2007, 20 international students in Fall 2008, as reported by	Assistantships with early decision dates.

Annual Action Plan June 1, 2006–May 31, 2007

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
	<ul style="list-style-type: none"> Get earlier decisions on admission and assistantships. 		OIRE.	
Increase number of ITESM exchange students in Electrical Engineering. (27)	<ul style="list-style-type: none"> Work with international programs office. Possibly offer special summer course for ITESM students. 	More ITESM students enrolled.	At least 15 ITESM student enrollments in electrical engineering courses during 2006-2007 academic year, as measured by Office of International Programs.	None, except support for summer course if viable

UTPA Goal: Optimize institutional effectiveness and efficiency consistent with high quality organizational standards.

Academic Affairs Objective: Define and implement standards and performance measures for business processes and stakeholders.

College/AVP Objective: Streamline undergraduate and graduate admissions so they are more user-friendly to applicants.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Improve graduate admissions process. (28)	<ul style="list-style-type: none"> Work with Graduate Office to identify and remove roadblocks and barriers to enrollment. Give special attention to international students. 	<ul style="list-style-type: none"> Students given improved admission process. Lower average time to reply from receipt of application. 	<ul style="list-style-type: none"> At least 15 new MSE admissions for Spring 2006 and Fall 2007 as certified by EE Graduate Director. Less than two weeks average response time at department level, four weeks overall, as recorded by Dept Secretary. 	Assistance from Graduate Office.

Annual Action Plan June 1, 2006–May 31, 2007

UTPA Goal: Optimize institutional effectiveness and efficiency consistent with high quality organizational standards.

Academic Affairs Objective: Provide infrastructure to maximize utilization of human intellectual capital.

College/AVP Objective: Prioritize space needs.

Unit Objective	Strategy(ies) to Achieve Unit Objective	Measurable Outcome for Unit Objective	Assessment Criteria, Evaluation Methods for Measurable Outcome	New Resources Needed in FY07
Identify space for new BS Computer Engineering program. (29)	Work with CS Department, Associate Dean, and Dean.	Establishment of program office and cohesive set of faculty offices.	Establishment of office no later than January 1, 2007.	Space and institutional enhancement funds
Increase space for research. (30)	<p>Seek space outside engineering building (TMAC, Haggar, annex, etc).</p> <p>Work through CoSE Space Committee.</p>	<ul style="list-style-type: none"> • Completion of RF/Microwave UWB facility at TMAC. • Square feet net increase in research space. 	<ul style="list-style-type: none"> • Completion of RF/Microwave UWB facility at TMAC by Spring 2007. • At least 1000 sq ft of space identified in addition to MAC space. 	Space

**Annual Assessment Report is due on
June 15, 2007.**

It will be posted by June 30, 2007.