

## **College of Engineering and Computer Science: 2011/12 Planning Outcomes**

### **1. Balancing and Retaining Enrollment**

The College projected a need for 15-18 TT faculty to meet the growing enrollments and programmatic needs over a three year period. We recruited 5 faculty in 2011-12 and will be recruiting for 8 positions to begin in 2012-13. We are on track with our hiring plan. Our Student Services Center has expanded its services with the Facilitated Academic Workshop (FAW) Program that provides weekly, group facilitated, study sessions for the Engineering/Computer Science related courses that have high academic failure rates. Students in the eleven courses that have been targeted are demonstrating improvement and we will continue to monitor the program for the possible addition of other courses in the future. A new and individualized FTF advisement plan has been proposed for implementation in 2012. The College received an HSI-STEM Initiative 5 year, \$ 5.5 M grant from the Department of Education to enhance the graduation of under-represented minorities in engineering and computer science.

### **2. Budgeting for the 21<sup>st</sup> century**

The College came in at about 65% of its development target for the year with approximately \$ 644K in fund raising. We continue to operate with a shared Development Director which severely impacts our ability to leverage and bring in external support. The College's Advisory Boards continue to provide support to our academic programs. In particular, the Construction Management IAB conducts an annual golf tournament to raise funds for the program and contributed \$ 50 K towards CMT faculty professional development in 2011. The College's online newsletter SPECTRA has positively impacted donors leading to enhanced support and contributions.

### **3. Scaling and Implementing Technology**

The college is actively engaged in piloting the virtual/thin client environment in select labs. The pending requests for tech shop support and for an information systems technician position were recently approved.

### **4. Right minding for Right Now**

Startup funding has been provided to assist our new faculty hires. An ad hoc faculty committee has been working on drafting a document on faculty roles and responsibilities for review by the college faculty.

### **5. Academic Branding**

The first cohort of the Master's degree program in Assistive Technology Engineering was launched in fall 2011 with 17 students. The Center for Energy Research and The Schaeffer Center for Entrepreneurship are both working on organizing conferences during 2012 to improve visibility and increase revenue generation. The College has increased the number of Design Clinic projects and Honors Co-op sponsorships during 2011 through the Center for Engineering and Computer Science Research and Education. The college's signature events continue to grow with increased participation in the biannual Tech Fest (September and February) and Project Showcase (April) providing enhanced visibility for our programs and graduates.