

Strategic Planning Committee Broad Goals

December 18, 2017

1. Innovative Educational and Research Programs
 - a. Identify areas and programs representing regional and national workforce needs that match with teaching and research interests of current faculty members, and/or could be leveraged with new resources. Ex. Advanced Manufacturing, Engineering Management, Systems Engineering, Cybersecurity, Environmental Engineering, etc.
 - b. Increase on-line presence and expand delivery modes of degree/certificate/training programs; increase partnerships with community colleges based on Geomatics and ChME models
2. Faculty and Staff Success
 - a. Hire top-quality faculty/staff with active searches that leverage start-up funds from multiple sources and that impact multiple thematic areas in the college (ex. Joint appointments)
 - b. Establish active faculty/staff development programs (ex. Formal/peer mentoring, annual travel stipends, research and teaching workshops)
3. Student and Alumni Success (3 Gs – Get the degree, Get a job, and Give back)
 - a. Active recruitment of UGs in all programs offered in the college; metrics should include both quantity and quality-based
 - b. Active recruitment of Graduate students; percentage of graduate students in the college should be in the top two quartiles of our peers
 - c. Improve student retention, time to completion, and graduation rates; expectations (metrics) should go beyond +/- national averages; should be top quartiles of our peers; metrics should account for post-Math 191 performance and time to completion should account for student internships and co-ops.
 - d. Establish active industry partnerships to sustain/improve student placement
 - e. Increase alumni engagement in college activities; establish a culture of giving back
4. Research and Creative/Scholarly Activity
 - a. Establish thematic areas of research clusters and make them more visible.
 - b. Facilitate partnerships with faculty from other colleges, faculty visits to funding agencies, and invest in high-impact research ventures
 - c. Average per faculty productivity will have metrics in the top two quartiles of our peers.
 - d. Increase graduate student production, with particular emphasis on the doctoral level; increase Post-Doc and research faculty ranks with active partnerships with schools in the US and abroad.
 - e. Increase funding for graduate student stipends and diversify revenue sources.
5. Outreach and Tech Transfer

- a. Develop and diversify opportunities for revenue-generating programs for the engineering workforce (Professional Development Hours); require each department to develop and offer at least one revenue-generating professional development training each year
 - b. Develop and participate in K-12 programs that are directed to recruit new engineering students.
6. Development and Diversification of Revenues
 - a. Emphasize fundraising at both department and college-levels, and increase funding from foundations and private sources; establish metrics for the Deans and Development Directors in line with our peers
 - b. Diversify gift options for needs other than scholarships, ex. Retention scholarships, Graduate fellowships, Chairs and professorships, Facility and program namings, Special Initiatives, etc.
7. Visibility and Ranking
 - a. Emphasize communication and marketing activities in the college. Metrics should represent the audience being reached by our marketing strategies relative to our peers
 - b. Address the low-hanging fruits in the ranking criteria, ex. Peer assessment (metric here should be based on the ranking of our peers and our SWOT comparisons with them)
8. Access, Diversity, and Internationalization
 - a. Increase representation of women and underrepresented minorities in faculty and student ranks
 - b. Increase opportunities for students to transfer from New Mexico community colleges
 - c. Increase collaborations with universities in Mexico, China, and India, to establish pipeline agreements for student recruitment, faculty exchange, and research opportunities.