NMSU BEST PRACTICES IN STUDENT SUCCESS SUMMIT

College of Engineering
Our Challenge

4.1% of our full-time, first-time, CoEngr degree-seeking entering students graduate in 4 years. 32.8% of these students graduate in 6 years. About 7% of the entering freshmen keep on going, graduating 8, 9, or 10 years.
The Freshman Year Experience
NMSU CoEngr Rollout Fall 2014

...to address confidence in students’ abilities, sense of belonging, sense of community, need for clear resources, need for early engineering engagement
Innovation and Entrepreneurship

...to address validation of profession, need for early networking, need for “learn by doing” and critical thinking spaces
Sophomore Year Engagement
NMSU CoEngr Rollout Fall 2015

...to continue addressing needs experienced in freshmen year, introduce integrating design experience early, address need to expand narrow format of academic learning
Summer Internships and Cooperative Education Experiences

...to address affirmation of discipline, relieve financial burdens while gaining valuable experience, continue confidence building
• Extra-Curricular Projects and Competitions
• Membership in Professional Societies

...access to the social capital of others; create more personalized experiences and hang outs in personalized spaces; access to faculty
...to address engagement by offering another form of experiential learning; boosts self-confidence; independence of thought; access to faculty and graduate mentors
Broadening Participation in Engineering (BPE)

Transfer Student Engagement

...to address anxiety, insecurity, intimidation, and overwhelming feelings