



UNC CHARLOTTE

2010-2015 Strategic Plan

The William States Lee College of Engineering

III. NEW STRATEGIC GOALS, ACTION PLANS AND PERFORMANCE OUTCOMES FOR 2010-2015

A. Goal #1: Sustain a safe, supportive and inclusive community that prepares our students for life-long learning and success upon graduation.

B. Relationship of goal to next higher reporting unit goal:	Academic Affairs Goals (Appendix A) 2, 3, 4, 5, 6, 9 and 10.
C. Action plans to achieve goal:	<ol style="list-style-type: none"> 1. Use assessment results from continuous improvement process (ICAP, FAIT, AIM, SPART) to drive enhancements. 2. Complete a successful ABET review in 2011. 3. Continue to refine and improve the freshman year experience; obtain project space. 4. Operate a new study abroad program in Germany. 5. Develop and test online academic advising/registration. 6. A new Professional Development Certificate Program will be explored and developed. 7. Begin several unique MS programs in ET. 8. Develop new graduate degrees in Systems Engineering. 9. Review opportunity and demand for a BS/MS in Environmental Engineering. 10. Launch a residential learning community for women. 11. Expand the role of the student owned computing initiative. 12. Respond to curriculum changes specified by NCEES for professional licensing as needed. 13. Couple strongly into student organizations for service related activities in the community.
D. Effectiveness measures/methods to assess outcomes/goal attainment:	<ol style="list-style-type: none"> 1. ABET accreditation report. 2. SPART surveys questions on learning communities, program goals and objectives. 3. ENGR/ETGR 1201 Surveys and retention rates; advising; FLC data; freshman GPA. 4. Number of students participating in Germany program. 5. Enrollment in new degree programs. 6. An established SEEM department. 7. An established School of Applied Design & Integrated Technologies. 8. Evaluation report on opportunities in Environmental and Systems Engineering. 9. Enrollment in woman learning community. 10. Increase the number of student owned software applications and space for laptop use. 11. Programs continue to meet PE licensing requirements. 12. Student performance on FE exam.
E. Assessment schedule to assess goal:	ABET reports on the normal cycle; Surveys annually, yearly development report.
F. Person/group responsible:	ABET self-study by departments and Institutional Profile by college; Surveys by SPART/OSDS; appropriate departments for new programs; dean's office and EGMT faculty for new department; OSDS for international program.
G. Performance outcomes for goal:	<ol style="list-style-type: none"> 1. Positive accreditation action by ABET. 2. 75% of the COE students respond favorably to SPART survey questions. 3. 85% of the freshmen are satisfied with advising and respond favorably to the SPART survey question on COE community; 80% of freshman surveyed feel their experience



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	<p>in 1201 was positive.</p> <ol style="list-style-type: none">4. One-year retention rate increases to 75% during planning period and six-year graduation rates to 40%.5. A dozen students participate in study abroad in Germany.6. Positive feedback from students using online advising.7. Formation of Systems Engineering & Engineering Management Department.8. Formation of a School of Applied Design & Integrated Technologies.9. Enroll 20 women in the residential community.10. Evaluation/recommendation for Professional Development Certificate program.11. Specified student owned software requirements in each program.12. Space/wireless allocated in new facilities for laptop use; each existing building has space/wireless for laptop use.13. Student pass rate on FE exam comparable to national averages.
H. Resources Required:	<ol style="list-style-type: none">1. Increase faculty, staff and technicians to meet enrollment growth and drive student-faculty ratio below 20: 80 new faculty members, 8 new lab technicians, 5 new Mosaic computer technicians, and 8 new administrative staff.2. Add freshman instructors in proportion to student enrollment growth (expected 2-3).3. Funding for freshman teaching assistants to improve retention (\$100k).4. Student project space for freshman and ISL: 10,000 sq ft immediately.5. Add faculty associate for student recruiting, advising, and special programs (lost in budget cuts).6. Reestablish and increase scholarships available through development efforts.