



North Carolina Agricultural and Technical State University

INTERIM ASSISTANT VICE CHANCELLOR
FOR ACADEMIC AFFAIRS/
INSTITUTIONAL PLANNING,
ASSESSMENT AND RESEARCH

Annual Assessment and Program Evaluation Review Form

College/School/Division:

Engineering

Department:

Electrical and Computer Engineering

Academic Programs:

B.S., M.S., and Ph.D. degrees

Academic Year/Assessment Year:

2004-2005

Date Submitted:

01.13.06 – Met to review the outline and format for the report

05.12.06 – Submitted initial report (due May 2005)

06.08.06 – Met to discuss critique and revisions

06.30.06 – Submitted revised forms A-D

07.03.06 – Submitted revised forms A-D

07.21.06 – Submitted revised forms A-D

Submitted by:

Dr. John C. Kelly, Chair

Program Strengths:

- ABET-defined learning objectives to guide department in formulating student outcomes

Program Weaknesses:

- Lack of adequate time to assess strategic goals, which were developed in the spring 2006.
- Difficulty in determining program weaknesses because of inadequate learning outcomes data and standards of performance.

Assessment:

- Lack of assessment measurements and standards of performance for student learning outcomes in the M.S. and Ph.D. programs
- Lack of measurable student learning outcomes for M.S. and Ph.D. majors and expected standards of performance for B.S., M.S., and Ph.D. programs.

Recommendations:

Overall, the assessment report is weak due to the lack of assessment measurements and standards of performance for student learning. During the 2006-2007 academic year, the faculty should:

- Develop learning outcomes to assess the expected level of student achievement for the M.S. and Ph.D. programs. Lea Williams will facilitate an assessment workshop for faculty.
- Determine standards of performance on the student learning outcomes for all degree programs.
- Submit the learning outcomes and assessment measurements with performance standards on forms A-C by **September 29, 2006**.
- Track student progress on the learning outcomes during AY '06-'07
- Submit a report on learning outcomes for AY '06-'07 (forms A-D) by **May 11, 2007**.

cc: Dr. Joseph Monroe, Dean, College of Engineering
Dr. Sanjiv Sarin, Associate Dean, College of Engineering
Dr. Janice G. Brewington