

Curriculum Enhancement (May 06)

◆ Program Outcomes

- Closely associated w/ graduating students, courses
- ABET Mandated 11
- Engineering quality, critical thinking, engineering technology, ethics, DFM

◆ Globalization

◆ Alumni Event Connection

Program Objectives: Definition

- ◆ Broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve.
- ◆ Must be based on needs of program constituencies.

Draft Program Objectives

1. Think critically, creatively and rigorously to identify and solve important engineering problems in industry, government and academe.
2. Communicate effectively and function cooperatively in professional contexts.
3. Approach professional practice responsibly and ethically and with an awareness of environmental, cultural, societal and global concerns.
4. Assume positions of professional leadership.
5. Employ their engineering education as a foundation for advanced study, life-long learning and career development in engineering, management and other professional fields.

IAB Feedback:

Objective Statements

- ◆ Scope
- ◆ Form

IAB Feedback:

Objective Achievement

- ◆ Our Graduates

- Strengths

- Weaknesses

- ◆ Relative to Grads of Other Programs

IAB Advice:

Constituents

- ◆ Employers
- ◆ Alumni
- ◆ Others

IAB Advice:

Constituent Feedback

- ◆ Objectives
- ◆ Objective Achievement