Cover Sheet for Degree-level Student Learning Outcomes

Completed forms are **due by December 1, 2003**

Directions: For each degree program and degree level (undergraduate and graduate), please complete separate cover sheets. Feel free to make copies of this sheet if needed. Those graduate programs with an integrated master's and doctoral program may provide one set of cover sheets.

Department / Unit: **Engineering Technology**

Title of Academic Program: **Electronic and Computer Engineering Technology (associate degree)**

Faculty contact(s) for the list of student learning outcomes for this academic program:

- **Norm Mortensen, Electronic and Computer Engineering Technology program coordinator**
- **David Delker, Engineering Technology Department Head**

Type of Degree (check one):

☐ Bachelor's ☐ Master's ☐ Ph.D. ☐ Ed.D.

☐ Certificate ☐ Minor ☐ Secondary major ☒ Associate

☐ Joint Degree (list the degree types): _____

☐ Other: _____

List of Student Learning Outcomes for this Degree Program

The following Electronic and Computer Engineering Technology student-learning outcomes are appropriate for graduates of both the associate degree program and the bachelor's degree program. Associate degree graduates will attain a fundamental competency in each of these categories, while bachelor's degree graduates will reach a higher level of achievement, as appropriate for that degree.

Graduates of the Electronic and Computer Engineering Technology program will demonstrate:

a. mastery of the knowledge, techniques, skills, and modern tools of the Engineering Technology discipline.
b. ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering, and technology.
c. ability to conduct, analyze and interpret experiments and apply experimental results to improve processes and designs.
d. ability to apply creativity in the design of systems, components or processes appropriate to the Engineering Technology program objectives.
e. ability to function effectively on teams.
f. ability to identify, analyze, and solve technical problems.
g. ability to communicate effectively.
h. recognition of the need for, and an ability to engage in lifelong learning.
i. ability to understand professional, ethical and social responsibilities.
j. respect for diversity and a knowledge of contemporary professional, societal and global issues.
k. commitment to quality, timeliness, and continuous improvement.