

Electronic Engineering Technology

Program Educational Objectives

Graduates of the program will (1) use technical and analytical skills to build, test, operate and maintain electrical/electronic(s) systems; (2) achieve productive careers in industry or government; (3) participate in activities designed to further knowledge and skills within the profession (e.g., boot camps, workshops, professional development, and advanced academic study). (Achievement of these objectives is a shared responsibility between the student and Lakeland Community College.)

Documented on Pg 87 of the 2008-2009 *College Catalog*, and at the following link:
<http://www.lakelandcc.edu/ACADEMIC/ENGINEER/eet/>

Program Outcomes

Graduates of the Electronic Engineering Technology Program will be able to demonstrate:

Program Outcome 1: an appropriate mastery of the knowledge, techniques, skills, and modern tools of Electronic Engineering Technology field (a)

Program Outcome 2: an ability to apply current knowledge and adapt to emerging applications of mathematics, science, engineering, and technology (b)

Program Outcome 3: an ability to conduct, analyze and interpret experiments, and apply experimental results to improve processes (c)

Program Outcome 4: an ability to apply creativity in the design of systems, components, or processes appropriate to program educational objectives (d)

Program Outcome 5: an ability to function effectively on teams (e)

Program Outcome 6: an ability to identify, analyze and solve technical problems (f)

Program Outcome 7: an ability to communicate effectively (g)

Program Outcome 8: recognition of the need for, and an ability to engage in lifelong learning (h)

Program Outcome 9: an ability to understand professional, ethical and social responsibilities (i)

Program Outcome 10: a respect for diversity and knowledge of contemporary professional, societal and global issues (j)

Program Outcome 11: a commitment to quality, timeliness, and continuous improvement (k)

Program Outcomes are documented at

<http://www.lakelandcc.edu/ACADEMIC/ENGINEER/eet/>.

The Continuous Improvement Process is illustrated in *Figure 4-1*, on *Page 18*. Embedded in this process are both assessment and evaluation of Program Educational Objectives and Program Outcomes. This process is documented on the College website at: <http://www.lakelandcc.edu/ACADEMIC/ENGINEER/eet/> and also on the College Network at: <S:\Engineering Technology\Mechanical\Assessment>