Engineering Technology General Outcomes:
(Educational objectives or Program goals)
Graduates of the Engineering Technology program will be able to:

I. Apply basic engineering theories and concepts creatively to analyze and solve technical problems.

II. Utilize with a high degree of knowledge and skill equipment, instruments, software, and technical reference materials currently used in industry.

III. Communicate effectively using developed writing, speaking, and graphics skills.

IV. Assimilate and practice the concepts and principles of working in a team environment.

V. Obtain employment within the discipline or matriculate to a four-year program in engineering or industrial technology.
Engineering Technology Concentration’s Competencies

Students will be able to:

A. Apply the knowledge, techniques, skills, and modern tools of the concentration of study to specifically defined engineering technology activities;

B. Demonstrate the knowledge of mathematics, science, engineering and technology to engineering technology problems using developed practical knowledge;

C. Conduct and report the results of standard tests and measurements, and to conduct, analyze and interpret experiment’s or project’s results;

D. Function effectively as a member of a technical team;

E. Identify, analyze and solve specifically defined engineering technology-based problems; and

F. Employ written, oral and visual communication in a technical environment.

• At the program level all 6 competencies apply to roman numerals I – V of the Engineering Technology General Outcomes (Educational objectives) listed above.