

**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.