

AAS in ENGINEERING TECHNOLOGY - ELECTRONICS Concentration

A. Program Educational Objectives

Program Educational Objectives – Associate of Applied Science in Engineering Technology Concentration in Electronics Engineering Technology

1. Graduates will gain productive employment in professions relating to Electronics Engineering Technology.
2. Graduates will further their careers by continuing their education and training, joining professional organizations, and advocating for the field of Electronics Engineering Technology.
3. Graduates will be effective team members and leaders while maintaining a commitment to professionalism and ethical practices in fields relating to Electronics Engineering Technology.

B. Student Outcomes

Student Outcomes –Associate of Applied Science in Engineering Technology Concentration in Electronics Engineering Technology

1. an ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline;
2. an ability to design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline;
3. an ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature;
4. an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results; and
5. an ability to function effectively as a member of a technical team.