Students Learning Outcomes:

A. Demonstrate an ability to apply the knowledge, techniques, skills, and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline.

B. Demonstrate 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.

C. Demonstrate an ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results.

D. Demonstrate an ability to function effectively as a member of a technical team.

E. Demonstrate 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.