Electrical Engineering, BS

Electrical Engineering Program Learning Outcomes

At the successful completion of the Bachelor of Science degree in Electrical Engineering, students will be able to:

1. Formulate and evaluate complex engineering problems by applying principles of engineering, science, & mathematics.
2. Create solutions using the engineering design process that meet specified needs with appropriate consideration for relevant global, cultural, social, environment, ethical, and/or economic factors.
3. Design experiments for electrical systems or processes, analyze resulting experimental data, and make informed conclusions from the data.
4. Collaborate effectively with others to establish goals, meet deadlines, and articulate results.
5. Design, prototype, and troubleshoot electrical systems that accomplish a specified task or objective.