Mechanical Engineering, BS

Mechanical Engineering Program Learning Outcomes

At the successful conclusion of this program, students will be able to:

1. Formulate and evaluate complex engineering problems by applying principles of engineering, science, and mathematics.
2. Create solutions using the engineering design process that meet specified needs with appropriate consideration for global, cultural, social, environmental, ethical, and economic factors.
3. Design experiments for physical systems or processes, analyze experimental data, and make informed conclusions from the data.
4. Collaborate effectively with others both orally and in writing to establish goals, plan tasks, meet deadlines, and articulate results.
5. Model, analyze, design, and prototype physical systems, components or processes.