Program Student Learning Outcomes

College: Engineering
Program: Architectural Engineering, BS

- an ability to design and conduct experiments, as well as to analyze and interpret data;

- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability;

- an ability to function on multidisciplinary teams;

- an ability to identify, formulate, and solve engineering problems;

- an understanding of professional and ethical responsibility;

- an ability to communicate effectively;

- the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context;

- a recognition of the need for, and an ability to engage in life-long learning;

- a knowledge of contemporary issues;

- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.