Student Learning Outcomes

**College:** Engineering

**Department:** Electrical and Computer Engineering

**Degree Program:** Bachelor of Science in Computer Engineering

1) Students will have the ability to apply knowledge of mathematics, science, and engineering.

2) Students will have the ability to design and conduct experiments, as well as to analyze and interpret data.

3) Students will have the ability to design a system, component, or process to meet desired needs.

4) Students will have the ability to function on multi-disciplinary teams.

5) Students will have the ability to identify, formulate, and solve engineering problems.

6) Students will have an understanding of professional and ethical responsibility.

7) Students will have the ability to communicate effectively.

8) Students will have the ability to understand the impact of engineering solutions in a global and societal context.

9) Students will have recognition of the need for, and an ability to engage in life-long learning.

10) Students will have a knowledge of contemporary issues.

11) Students will have the ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

12) Students will have the ability to articulate and address issues related to entrepreneurship.