



### **Program Information**

<b>College:</b>	Southern Poly. College of Eng. and Eng. Technology
<b>Department:</b>	Electrical and Computer Engineering
<b>Program:</b>	Computer Engineering, BS

### **Program Student Learning Outcomes**

Upon completion of this degree from KSU, students will be able to:

- to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors
- to communicate effectively with a range of audiences
- to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions
- to acquire and apply new knowledge as needed, using appropriate learning strategies