



### **Program Information**

<b>College:</b>	Southern Poly. College of Eng. & Eng. Technology
<b>Department:</b>	Systems and Industrial Engineering
<b>Program:</b>	Industrial Engineering Technology, BS

### **Program Student Learning Outcomes**

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

- An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly defined engineering problems appropriate to the discipline.
- An ability to design systems, components, or processes meeting specified needs for broadly defined engineering problems appropriate to the discipline.
- An ability to apply written, oral, and graphical communication in broadly defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.
- An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes.
- An ability to function effectively as a member as well as a leader on technical teams.
- The ability to accomplish the integration of systems using appropriate analytical, computational, and application practices and procedures.
- An ability to apply knowledge of probability, statistics, engineering economic analysis and cost control, and other technical sciences and specialties necessary in the field of industrial engineering technology.