KENNESAW STATE UNIVERSITY

Program Information

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

Program Student Learning Outcomes

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

- apply knowledge of mathematics, science, and engineering
- design and conduct experiments, as well as to analyze and interpret data
- 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
- function on multidisciplinary teams
- identify, formulate, and solve engineering problems
- demonstrate an understanding of professional and ethical responsibility
- communicate effectively
- demonstrate the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
- recognize the need for, and an ability to engage in life-long learning
- demonstrate knowledge of contemporary issues
- use the techniques, skills, and modern engineering tools necessary for engineering practice.