

Cover Sheet for Degree-level Student Learning Outcomes

Directions: For each degree program and degree level (undergraduate and graduate), please complete separate cover sheets. Feel free to make copies of this sheet if needed. Those graduate programs with an integrated master's and doctoral program may provide one set of cover sheets.

Department / Unit: Industrial & Manufacturing Systems Engineering

Title of Academic Program: Bachelor of Science in Industrial Engineering

Faculty contact(s) for the list of student learning outcomes for this academic program:

Bradley Kramer, Department Head

Shing Chang, IMSE Undergraduate Committee Chair

Received
DEC 01 2003
Planning and Analysis

Type of Degree (check one):

- Bachelor's Master's Ph.D. Ed.D.
 Certificate Minor Secondary Major Associate
 Joint Degree (list the degree types): _____
 Other: _____

List of Student Learning Outcomes for this Degree Program

Graduates of KSU's IMSE undergraduate degree programs can use modern engineering and management tools to improve the productivity of individuals and organizations that produce goods or services.

Technical Performance (TP) Goals (Student Learning Outcomes):

1. Identify engineering problems related to the production of goods and services.
2. Characterize, assess, control, and improve production processes and systems.
3. Develop and analyze models of production processes and systems.
4. Design efficient production processes and systems to produce goods and services.

Professional Performance (PP) Goals (Student Learning Outcomes):

1. Participate and function effectively in team environments.
2. Communicate effectively in a professional role with specific capability to write technical reports and present results effectively.
3. Recognize ethical and social responsibility.
4. Recognize the individual's responsibility for their professional development and career path