

Cover Sheet for Program-level Student Learning Outcomes

BY: APR. 13, 2005

Directions: For each program (e.g., degree, certificate, minor, secondary major, etc.) and 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 and Manufacturing Systems Engineering

Title of Academic Program: Masters of Industrial Engineering

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

Stanley Lee _____
237 Durland Hall _____ eslee@ksu.edu _____
532-3730 _____

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

1. Solve advanced engineering problems using discipline appropriate math, science, computation and analysis skills
2. Synthesize and evaluate information
3. Demonstrate advanced knowledge in area of specialization
4. (a) Recognize and apply state of the art techniques in the field (coursework only)
(b) Plan and conduct scholarly activities (thesis option)
5. Communicate effectively in both written and oral forms
6. Recognize of the need for and ability to engage in life-long learning and professional service.