SCOPE OF INDE499B

The scope of this class involves the interaction of three elements: (1) the general topic of information systems, (2) the industrial engineering discipline and (3) the needed skills of graduating engineers. Please develop a picture or diagram that captures this relationship as you understand it.

Why?

1. Different angle on objectives/topics
2. Address student questions
   - How class is different from Business/CS I.S.
   - How important is class to IE?
3. Get students to ask/find questions.

Expectations?

- Not necessarily right/wrong
  Instead more or less useful for problem, understanding scope of INDE499B
- Different models -- different strengths
  Good if illustrates point / question
- Success
  You understand how IS, IE, Engr are related
  You have questions related to course!
SCOPE OF INDE499B
How to proceed

1. Group Formation -- count off 1 to 7

2. Group Selection/Justification of Models
   a. Share models (describe to each other)
   b. Select one model to share with class
   c. Develop a minute justification of what model illustrates
      (1-2 sentences)
   d. Select group representative (reps)

3. Class Presentation of Models
   a. Reps draw models
   b. Reps give minute justification

4. Discussion
   - What themes in all? In some?
   - What strengths for what models?
   - What insights into class?

5. Summary
Thinking about the Scope of INDE499B

The Problem Statement: The scope of this class involves the interaction of three elements: (1) the general topic of information systems, (2) the industrial engineering discipline and (3) the needed skills of graduating engineers. Please develop a picture or diagram that captures this relationship as you understand it.

A Solution: A possible solution is given in the diagram below:

- Understanding the "solution": Information systems, with at least three sub-areas, is a subject learned by industrial engineers. Industrial engineering, which focuses on specific types of problems, is a type of general engineering, which implies specific skills of the engineer.
- Using the "solution": Imagine the different wheels can spin/move. Then, places where three elements line up can be "read" and used to think of issues/generate questions. For example, one could align Ethical responsibility, manufacturing, and getting information in and out – and then think about what issues exist at such an intersection.