Course Objectives

- Review and Critique the Current State-of-the-Art in Logistics Systems Research
- Develop Skills for Making Oral and Written Critiques
- Identify of Ph.D. Research Topics

Ph.D. Level Discussion Course

- Texts: Quantitative Supply Chain Analysis
- No Midterm nor Final
- Class Discussion of Recent Papers
- One Individual Paper Review
- One Individual Literature Review Project

Course Materials

- Course Materials
  - Word Wide Web: [www.isye.gatech.edu/~mgoetsch/](http://www.isye.gatech.edu/~mgoetsch/)
  - [isye_8852](http://isye_8852)
  - WebCT section for this course: [webct.gatech.edu](http://webct.gatech.edu)
Discussion Process

- Reading Assignment
- Designated Individual Advocate
  - Overheads or PowerPoint
- Randomly Chosen Critique
  - One page critique with 1+ question
- Volunteer Critiques
- Class Discussion and Summary

Paper Requirements

- Published in Last 4 Years
- On a Logistics Topic
- Refereed Journal
- Contains Model
- Contains Computational Experience or Case Study
- No Authors at Georgia Tech
- Topic You are Knowledgeable About

Course Characteristics

- Class Discussion
- One Individually Written Review
- Grading 50 % on Content, 50 % on Clarity of Expression
- Mandatory Class Attendance

Grading

- Advocacy of a Paper (25 %)
- Class Discussion Participation and Critiques (25 %)
- Individual Written Review (25 %)
- Individual Literature Review Project (25 %)
- 50 % Content, 50 % Clarity of Expression
Reading Framework

1. What Real Life Problem?
2. Is Problem Significant?
3. What is the State of the Art?
4. What is the Paper’s Contribution?
5. Is the Paper Scientifically Sound?
6. Is the Contribution Significant?
7. What is the Impact on Real Life Problem?