Analysis of Material Handling Systems

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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

- No Text
- No Midterm or Final
- Class Discussion of Recent Papers

Discussion Process

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

Paper Requirements

- Published in Last 5 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 (33 %)
- Class Discussion Participation and Critiques (33 %)
- Individual Written Review (33 %)
- 50 % Content, 50 % Clarity of Expression

### Reading Framework

- What Real Life Problem?
- Is Problem Significant?
- What is the State of the Art?
- What is the Paper’s Contribution?
- Is the Paper Scientifically Sound?
- Is the Contribution Significant?
- What is the Impact on Real Life Problem?