

Supply Chain Modeling: Logistics

Marc Goetschalckx

Tel. (404) 894-2317
Fax. (404) 894-2301
marc.goetschalckx@isye.gatech.edu
www.isye.gatech.edu/~mgoetsch

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Bachelor's Level Skills

- * Familiar with jargon, basic concepts, and practices
- * Able to communicate and influence
- * Work in teams
- * Adapt to change and lifelong learning

Extract of the address by Fred W. Garry, Vice-President of Corporate Engineering and Manufacturing, General Electric Company, to the Engineering Deans Institute Meeting (March 27, 1985).

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Characteristics of Bachelor's Job Applicants

- * Think and communicate clearly
- * Respect others
- * Working in a team
- * Can work in a diverse and changing environment

Executive lecture at Georgia Tech, 2001, by Euan Baird, chairman, president and chief executive of Schlumberger Ltd. Schlumberger is an international technical service company providing services and products to global commodity businesses, primarily in the oil and gas industry. At the end of 2000, the company had 60,000 employees from 140 countries.

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Course Educational Objectives

- * Basic understanding of terminology and methodologies
- * Project work in teams
- * Professional presentation, reporting, and influencing skills
- * Acceptance and adaptation to change
- * Independent learning skills

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Course Characteristics

- * Engineering design of logistics systems
- * Class discussion, homework, presentations, and projects in teams
- * Closed book, closed notes exams
- * Homework grading 50 % on content, 50 % on clarity of expression
- * Midterm (20%), Lab (50%), Final (30%)
- * Use of software tools

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Homework

- * Team work (5-6 members)
- * Professional and on-time (9:35 AM)
- * Bi-weekly true-false questions
- * One focused and one open-ended homework by topic
- * Solutions per question presented in class by volunteering or randomly selected teams
- * 80% report and 20% presentation
- * Sometimes additional files submitted through T-square
- * Presentation files of presenting groups submitted via email

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

Course Materials

- * Text: Supply Chain Engineering, Goetschalckx, Aug-2009, version 0.7
 - Bookstore
- * Course materials
 - Optional presentation slides (4 per page) available through bookstore
 - T-Square Course Section for homework, exams, additional material

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

I Need Your Help

- * Additional figures and pictures
- * Additional statistics
- * Additional web sites or references
- * Electronic format
- * Non-copyrighted or permission
- * Extra credit!
- * Logistics topic discussion at start of each class

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx

How to Contact Me

- * *Email:*
marc.goetschalckx@isye.gatech.edu
- * *Phone: 404-894-2317*
- * *Weekly office hours, ISyE Rm. 325,
TBA*
- * *Request an appointment by email*

18-Aug-09

Supply Chain Modeling: Logistics

Marc Goetschalckx