

Supply Chain Modeling: Logistics

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Bachelor's Level Skills

- * *"At the bachelor's level we don't expect an expert level of knowledge, but we would expect that the graduate would be generally aware of the state-of-the-art practices in their discipline specialty and familiar with its jargon and basic concepts.*
- * *Today's graduates should be capable of communication clearly and realizing that in the complex industrial world they will usually be members of a team and that influencing skills are important for both team and individual career success.*
- * *Today's graduates must be comfortable with change, believe that it is the way of life and that they must continue to learn throughout their careers."*

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).

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Bachelor's Job Applicants Characteristics

"Schlumberger looks for applicants who have been taught to think and to express thoughts clearly, who have been taught to respect others and to enjoy working as a member of a team, and who have their horizons broadened by working and living in a diverse college 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.

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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*

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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 (25%), Lab (40%), Final (35%)
- * Use of software tools

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Homework

- * Team work (5-6 members)
- * Professional and on-time (3 PM)
- * Bi-weekly true-false questions
- * One focused and one open-ended homework by topic
- * Solutions per question presented in class by randomly selected teams
- * Sometimes report and presentation files submitted via T-Square

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Course Materials

- * Text: Supply Chain Engineering, Goetschalckx, Jan-2009
 - Bookstore
- * Course materials
 - Optional presentation slides (4 per page) available through bookstore
 - T-Square Course Section
 - Library electronic reserves

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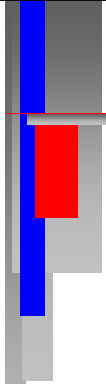
I Need Your Help

- * 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

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How to Contact Me

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- * *Request an appointment by email*

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