



Supply Chain Management for Engineers

By Samuel H. Huang

Download now

Read Online →

Supply Chain Management for Engineers By Samuel H. Huang

Originally taught mainly in business schools, supply chain management has become a common elective and graduate course in engineering colleges. The increasing demand for engineers with supply chain knowledge has fed this shift. However, supply chain management textbooks that have a reasonable coverage of quantitative analysis techniques are few and far between. Concise, straightforward, and easy-to-read, **Supply Chain Management for Engineers** uses practical problems to introduce key concepts and cultivate students' problem-solving skills.

Helping students hone their analytical skills and develop the ability to solve real-world problems, the book:

- Includes a simulation game for practicing supply chain management skills
- Covers the use of practical software tools including Gurobi Optimizer and Microsoft EXCEL
- Facilitates the use of problem-based learning (PBL) pedagogy
- Provides a theoretical framework for supply chain design and supplier selection

Focusing on quantitative aspects, this book uses example problems to introduce key concepts and case studies to strengthen students' analysis and synthesis skills. In addition to exercises, this book also provides several problems that are relatively complicated and can be used as mini projects that link theoretical concepts to practical problem solving. It also presents a simulation game where students can play the roles of suppliers, OEMs, and retailers within a supply chain environment to practice the skills they acquire. It also stresses the importance of integrating engineering optimization techniques with business strategic thinking. These features and more give students the supply chain knowledge and problem-solving skills increasingly required for engineers entering the work force.

[↓ Download Supply Chain Management for Engineers ...pdf](#)

 [Read Online Supply Chain Management for Engineers ...pdf](#)

Supply Chain Management for Engineers

By Samuel H. Huang

Supply Chain Management for Engineers By Samuel H. Huang

Originally taught mainly in business schools, supply chain management has become a common elective and graduate course in engineering colleges. The increasing demand for engineers with supply chain knowledge has fed this shift. However, supply chain management textbooks that have a reasonable coverage of quantitative analysis techniques are few and far between. Concise, straightforward, and easy-to-read, **Supply Chain Management for Engineers** uses practical problems to introduce key concepts and cultivate students' problem-solving skills.

Helping students hone their analytical skills and develop the ability to solve real-world problems, the book:

- Includes a simulation game for practicing supply chain management skills
- Covers the use of practical software tools including Gurobi Optimizer and Microsoft EXCEL
- Facilitates the use of problem-based learning (PBL) pedagogy
- Provides a theoretical framework for supply chain design and supplier selection

Focusing on quantitative aspects, this book uses example problems to introduce key concepts and case studies to strengthen students' analysis and synthesis skills. In addition to exercises, this book also provides several problems that are relatively complicated and can be used as mini projects that link theoretical concepts to practical problem solving. It also presents a simulation game where students can play the roles of suppliers, OEMs, and retailers within a supply chain environment to practice the skills they acquire. It also stresses the importance of integrating engineering optimization techniques with business strategic thinking. These features and more give students the supply chain knowledge and problem-solving skills increasingly required for engineers entering the work force.

Supply Chain Management for Engineers By Samuel H. Huang Bibliography

- Sales Rank: #1989549 in Books
- Brand: Brand: CRC Press
- Published on: 2013-06-11
- Released on: 2013-06-20
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .55" w x 6.14" l, .0 pounds
- Binding: Paperback
- 240 pages

 [Download Supply Chain Management for Engineers ...pdf](#)

 [Read Online Supply Chain Management for Engineers ...pdf](#)

Editorial Review

Review

"... written for engineering students and field engineers who are in charge of the execution and improvement of the logistic systems and supply chain management. This concise book covers all the essential practical technologies related to the optimization of the supply chain management. More importantly, the book is well organized with a number of real cases and a simulation game which can be the most attractive merits to readers and students."

?Qiang SU, School of Economics & Management, Tongji University, Yangpu District, Shanghai, China

"... prepared by an engineer for engineers. It presents in clear and concise prose the models, practices and recent developments in modern supply chain engineering. As an engineering Professor teaching supply chain for many years, I believe this book provides an excellent textbook for both upper level undergraduate and graduate students. With the case studies and practical examples, it also provides practitioners tools with illustrations to better manage their supply chain."

?Jianzhi (James) Li, University of Texas – Pan American, Edinburg Texas, USA

"It could be used as support for courses delivered at undergraduate level, the case studies are based on real companies and give an interesting perspective on how to implement the techniques and tools."

?Production Planning & Control, April 2016

Users Review

From reader reviews:

Dawn Spigner:

The book Supply Chain Management for Engineers gives you the sense of being enjoy for your spare time. You need to use to make your capable more increase. Book can to be your best friend when you getting anxiety or having big problem with your subject. If you can make reading through a book Supply Chain Management for Engineers being your habit, you can get considerably more advantages, like add your current capable, increase your knowledge about some or all subjects. You could know everything if you like wide open and read a e-book Supply Chain Management for Engineers. Kinds of book are a lot of. It means that, science e-book or encyclopedia or some others. So , how do you think about this guide?

Wendy Clark:

This Supply Chain Management for Engineers are reliable for you who want to be considered a successful person, why. The explanation of this Supply Chain Management for Engineers can be one of the great books you must have is actually giving you more than just simple looking at food but feed an individual with information that probably will shock your preceding knowledge. This book is definitely handy, you can bring it just about everywhere and whenever your conditions in the e-book and printed types. Beside that this Supply Chain Management for Engineers giving you an enormous of experience including rich vocabulary, giving you demo of critical thinking that we all know it useful in your day task. So , let's have it and revel in

reading.

Cynthia Briscoe:

Reading a book tends to be new life style with this era globalization. With examining you can get a lot of information that will give you benefit in your life. With book everyone in this world may share their idea. Ebooks can also inspire a lot of people. A great deal of author can inspire their particular reader with their story as well as their experience. Not only the storyplot that share in the guides. But also they write about advantage about something that you need example. How to get the good score toefl, or how to teach your young ones, there are many kinds of book which exist now. The authors these days always try to improve their ability in writing, they also doing some exploration before they write for their book. One of them is this Supply Chain Management for Engineers.

Odelia Dennis:

Reading a book to become new life style in this 12 months; every people loves to go through a book. When you study a book you can get a lots of benefit. When you read textbooks, you can improve your knowledge, simply because book has a lot of information upon it. The information that you will get depend on what types of book that you have read. If you wish to get information about your study, you can read education books, but if you act like you want to entertain yourself you are able to a fiction books, such us novel, comics, in addition to soon. The Supply Chain Management for Engineers provide you with a new experience in examining a book.

Download and Read Online Supply Chain Management for Engineers By Samuel H. Huang #JNO47A30IUV

Read Supply Chain Management for Engineers By Samuel H. Huang for online ebook

Supply Chain Management for Engineers By Samuel H. Huang Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Supply Chain Management for Engineers By Samuel H. Huang books to read online.

Online Supply Chain Management for Engineers By Samuel H. Huang ebook PDF download

Supply Chain Management for Engineers By Samuel H. Huang Doc

Supply Chain Management for Engineers By Samuel H. Huang Mobipocket

Supply Chain Management for Engineers By Samuel H. Huang EPub

JNO47A30IUV: Supply Chain Management for Engineers By Samuel H. Huang