



Finite Capacity Scheduling: Optimizing a Constrained Supply Chain

Bill Kirchmier

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Finite Capacity Scheduling: Optimizing a Constrained Supply Chain introduces the reader to a critical tool for driving enterprise and supply chain competitive excellence. It teaches the reader how to beat the competition by:

- Reducing in-stock inventory and inventory cost
- Reducing logistics costs
- Increasing on time delivery which increases customer satisfaction
- Reducing stock-outs
- Improved Supply Chain and Enterprise scheduling and load balancing

This book's focus is on scheduling and coordinating demand for Material, Labor, Machine resources and balancing them with available Capacity. Finite Capacity Scheduling identifies an executable balance between resource demand and resource availability; all while coordinating shipments to Supply Chain management systems. FCS schedules everything from HMLV systems and components to HVLM production items; all this while interfacing with enterprise-wide ERP systems. This book:

- Shows how FCS optimizes resource scheduling options; including material, equipment, personnel, tools, etc.; anything that creates a constraint on throughput.
- Describes how to seamlessly integrate FCS and ERP in a single database
- Explains how FCS effectively coordinates material and capacity resources
- Shows how FCS delivers feasible Finite Scheduling for Material and Capacity
- Schedules work based on actual material and capacity availability
- Supports interfacing ERP production with Supply Chain Management systems.
- Explains how and why FCS offers feasibility and flexibility

The book is a comprehensive guide to understanding, implementing and managing material and capacity resources for the full Supply Chain Management Spectrum of production scheduling applications including complex High Mix Low Volume (HMLV) and simplistic High Volume Low Mix (HVLM) production environments.

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Reading can called imagination hangout, why? Because when you find yourself reading a book specifically book entitled Finite Capacity Scheduling: Optimizing a Constrained Supply Chain your head will drift away trough every dimension, wandering in most aspect that maybe unfamiliar for but surely might be your mind friends. Imaging each and every word written in a reserve then become one application form conclusion and explanation which maybe you never get before. The Finite Capacity Scheduling: Optimizing a Constrained Supply Chain giving you one more experience more than blown away your mind but also giving you useful info for your better life within this era. So now let us teach you the relaxing pattern is your body and mind will likely be pleased when you are finished reading through it, like winning a. Do you want to try this extraordinary shelling out spare time activity?

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