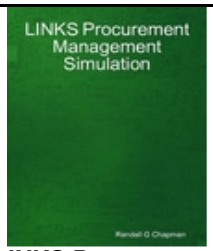
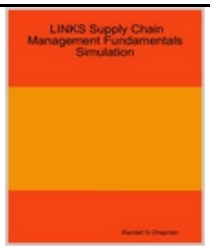
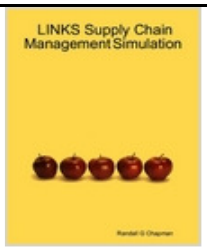
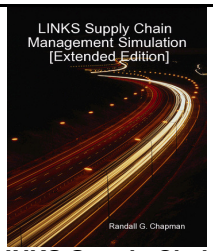
Course Roadmap:

Supply Chain Management

	 **LINKS Procurement Management Simulation**	 **LINKS Supply Chain Management Fundamentals Simulation**	 **LINKS Supply Chain Management Simulation**	 **LINKS Supply Chain Management Simulation [Extended Edition]**
Learning Emphases	- Managing interactions among supply chain management elements. - Balance and managing trade-offs in supply chains. - Experience competitive dynamics in evolving marketplaces. - Manage information flows in supply chain management decision-making. - Integrate information into supply chain management decision-making. - Enhance and encourage fact-based analysis and decision making. - Exposure to financial statements used in for-profit businesses.			
Simulation Size	"Smallest"	"Small"	"Medium"	"Large"
Simulation Role Within the Course	"Small" team-based course "project" in an introductory course.	"Modest" team-based, competitive simulation experience in the latter part of an introductory course.	"Mid"-sized team-based, competitive simulation experience as part of a larger set of course activities.	"Large" team-based, competitive simulation experience where a majority of the course is based on the simulation.
Target Courses {supply chain management, operations management, and logistics}	Introductory Courses	Introductory Courses	Elective and Advanced Courses	Elective, Advanced, and "Capstone" Courses
Typical Rounds Time Per Round (hours)	4 1.5 hours	5-6 1.5 to 2 hours	6-8 2 to 2.5 hours	9 3 to 4 hours
Typical Industry Size and Composition	4-6 firms per LINKS industry; teams of 3-5 students. Minimum of 2 and maximum of 8 firms per LINKS industry; multiple, independent LINKS industries accommodate larger classes.			

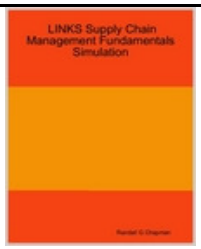
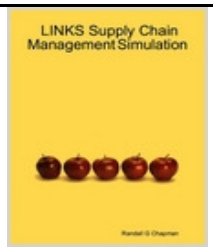
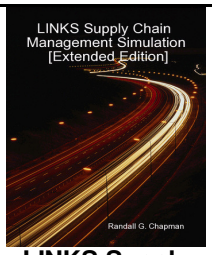
Typical Teaching Plan {team meetings are normally outside of class time, in the traditional style of "case study" preparation}	• 30-minute in-class introduction (after students read the participant's manual)
	• Four simulation rounds scheduled over 2-3 weeks.
	  ◦ Simulation rounds scheduled about weekly.
	  ◦ Mid-event private instructor review meeting with each team.
	  ◦ Mid-event team-based SWOT analysis or business review memo.
	• Post-event team-based report (written reports **or** in-class presentations); 30-minute in-class debriefing.			

Student Assessment {for the LINKS simulation part of the course}	• Minority of Grade: Within-simulation team performance assessment based on a balanced scorecard of financial, operational, and customer-facing key performance indicators. • Majority of Grade: Team-based mid-event written report (optional for the LINKS Procurement Management Simulation) **and** final report or in-class presentation. • Individual-Student Assessment Options: Multiple-choice test(s), peer evaluations, and 5-page "advice-to-my-successor" memo.			
Cost Per Student	$25	$35	$45	$45

In academic degree-granting programs, $25, $35, and $45 per student simulations include a maximum of 4, 6, and 9 rounds, respectively. Extra rounds cost $3 per student per extra round.

Current and potential LINKS instructors are invited to contact Randall G. Chapman PhD, the LINKS author (LINKS@LINKS-simulations.com), to discuss the LINKS simulation variant that would be most appropriate for their instructional application.

LINKS *Supply Chain Management* Simulations

	 LINKS Procurement Management Simulation	 LINKS Supply Chain Management Fundamentals Simulation	 LINKS Supply Chain Management Simulation	 LINKS Supply Chain Management Simulation [Extended Edition]
Product Development Decisions				
Product Configuration				✓
R&D Spending				✓
Procurement Decisions				
Raw Materials			✓	✓
Sub-Assembly Components	✓	✓	✓	✓
Manufacturing Decisions				
Production	✓	✓	✓	✓
Postponed Production		✓	✓	✓
Emergency Production			✓	✓
Production Volume Flexibility			✓	✓
Returns (Reverse Logistics)				✓
Distribution and Transportation Decisions				
Distribution		✓	✓	✓
Transportation		✓	✓	✓
Cross-Docking			✓	✓
Surface Shipping Variations			✓	✓
Service Decisions				
Service Outsourcing			✓	✓
Generate Demand Decisions				
Price		✓	✓	✓
Marketing Spending		✓	✓	✓
Recycling/Recovery Program				✓
Forecasting Decisions				
Short-Term Forecasts	✓	✓	✓	✓
Long-Term Forecasts				✓
Information Technology Decisions				
# of Decisions		7	8	8
Other Decisions				
Firm Name	✓	✓	✓	✓
Research Studies Decisions				
# of Research Studies		13	13	18

The LINKS services simulations include equivalently-sized simulations based on a services business environment (emphasizing service quality and service capacity management), rather than the products business environment (and underlying inventory pipeline) represented in the LINKS supply chain management simulations.

http://www.LINKS-simulations.com