



Supply Chain Network Design Fundamentals

Optimize your supply chain network design to deliver improvements in service, cost and sustainability.

COURSE DESCRIPTION

Supply chain network design can deliver significant improvements in service, cost, and sustainability of an organization. This course introduces students to the methods, tools, analytics, and best practices associated with supply chain network optimization, and incorporates hands-on training with a leading commercial optimization software package. A holistic view is emphasized – balancing methodology, business goals, and the capabilities of software enablers.

THIS COURSE WILL ENABLE YOU TO

- Improve throughput with systematic layout planning
- Reduce handling costs in storage and order picking
- Group materials for efficient handling and storage
- Plan for expansions and new facilities
- Improve performance of warehouse/distribution facilities
- Increase layout planning productivity and effectiveness
- Offer practical approaches to storage, order picking, packing, material movement, and physical control
- Streamline material flow in warehouses and distribution centers

COURSE TOPICS

- Introduction to supply chain optimization: types, tools, relation to business goals, overview of methodology
- Best practices in project management and data management
- Hands-on lab: acclimation to software and defining nodes
- Optimization model building methodology and best practices
- Developing and defining cost components – facilities, transportation, inventory
- Hands-on lab: building lanes, costs, capacities
- Defining and managing scenarios
- Scenario output and review
- Incorporating external analysis
- Hands-on lab: exercising the model and evaluating output

COURSE INFORMATION

DATE	TBA
LOCATION	Georgia Tech Campus, Atlanta, GA
REGISTER	pe.gatech.edu/sc-network-design

COURSE FEES

Standard Course Price	\$2,500
SCL and GT Alumni/ Organization Discount Price*	\$2,250
Certificate Price Per Course [‡]	\$2,075
Multi-Team Members Discounts	CALL 404-385-8663

*Members of APICS, AST&L, CSCMP, INFORMS, Supply Chain Leadership Council, and WERC receive the "Organization Discount Price" for each course.

[‡]To receive the "Certificate Program Course Price" for this course, you must prepay in one payment for all courses required to earn a certificate.

Space is Limited! Reserve Your Seat Today at pe.gatech.edu/sc-network-design



SCM EARN A GEORGIA TECH SUPPLY CHAIN & LOGISTICS CERTIFICATE

SUPPLY CHAIN MANAGEMENT (SCM) CERTIFICATE

Developed to provide participants with both a solid cross-domain understanding of supply chain, as well as an opportunity to expand knowledge in specific domains or techniques of interest. Gain essential industry skills to advance your career and start applying practical knowledge, tools, and techniques immediately at your organization.

Complete [this course](#) and earn 2.1 CEUs toward the Supply Chain Management Certificate.

HOW THE SCM CERTIFICATE WORKS

Take any four courses within four years to receive your Georgia Tech [Supply Chain Management Certificate](#).

Participants may substitute any two courses in the [DOAD](#), [SDP](#), [LSCP](#), [SCPM](#), or [SCF](#) certificate series.

COURSE INSTRUCTORS

This course will be taught by [Dr. Paul Griffin](#), [Mr. Tim Brown](#), and senior instructors from LLamasoft.

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SCL is a Unit of Georgia Tech's #1 Industrial Engineering Program—24 years in a Row‡



Atlanta is Easily Accessible—#1 Airport in Passenger Volume§

Sources: *Business Insider; †Unique Venues, Winter 2015; ‡U.S. News and World Report; §Airports Council International

WHAT PARTICIPANTS SAY ABOUT THE SCL PROGRAM

100% The training has deepened their supply chain knowledge

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