



» Health and Humanitarian Supply Chain Management

Remote Interactive Learning!

Transforming systems to improve lives.

The professional certificate program in **Health & Humanitarian Supply Chain Management** encompasses a broad range of topics related to emergency or long-term issues in health and humanitarian systems. Topics include preparedness for, response to, and recovery from disasters; healthcare delivery; improving systems for addressing ongoing challenges, and promoting long-term health and wellbeing. The remote learning experience is maximized through our blended delivery format, consisting of online pre-course modules, live interactive video instruction, games, and breakout groups. The program is spread over three weeks, running only for a few hours each day (9:30am to 1:00pm, US Eastern time) to provide flexibility with work schedules.

Value of the Program.

Attendees will:

- › Build a critical knowledge base for efficient and effective supply chain management
- › Impact to their organization through learnings gained from applied, real-world case studies
- › Engage with other participants for enhanced collaboration, cooperation, and communication
- › Learn effective strategies for managing scarce resources, establishing supply chain network structures, forecasting, inventory management, planning, operations, and strategic decision-making
- › Understand how to improve system outcomes through coordination and collaboration among strategic partners
- › Ultimately transform global health and humanitarian systems via effective supply chain management

“ The course enlightened me in many aspects of the humanitarian supply chain process. The forecasting and decision making tools will provide me with a lot of opportunities to optimize both processes and supply chains. –Sanne Wijnhorst, Procurement Specialist for Oxfam Novib (Netherlands)

“ I understood more how I need to use mathematical modelling in supply chain analysis, design and address easily right recommendations for decision making. – Yves Lucien Hakorimana, Tropical Health specialist at the UN Population Fund (UNFPA) in Rwanda

“ The participants have had very comprehensive and diverse knowledge and experience in their field and hence we could share the best practices. –Mohammed Visram, Pharmacist, Kagera Regional Health Management Team (RHMT), Tanzania

Who Should Attend

- › Representatives from governmental and non-governmental organizations, private corporations, foundations, etc. involved in supply chain management decisions, humanitarian response, health systems management, or healthcare delivery

2022 Health & Humanitarian Supply Chain Management Certificate

Responsive Supply Chain Design and Operations

April 11-14, 2022

Meeting demand in a timely and cost-effective manner is important both in public and private supply chains, and heavily depend on the design and operation of these supply chains. Demand is affected by ongoing factors such as local economy, infrastructure, and geographic location, as well as unexpected events such as health emergencies, disasters or other large-scale disruptions. Designing and operating responsive supply chains requires the consideration of uncertainty in timing, scope, scale, and understanding of various topics such as forecasting, distribution network design, and inventory management. This course examines methods and models for making supply chain design and operational decisions and explores the significant value of informed decision-making in advance of an unpredictable event or long-term strategy for meeting the need of customers and beneficiaries.

How You Will Benefit

- › Develop and apply analytical models to aid in distribution and routing decisions
- › Identify and apply the appropriate forecasting techniques
- › Discover current trends and procedures that place your organization and team members ahead of the curve
- › Build a critical knowledge base to make operational decisions around inventory, routing, and distribution
- › Deliver best-practices to measure and evaluate outcomes of healthcare delivery or humanitarian relief efforts
- › Ultimately transform the health & humanitarian sector with increased capacity to participate in planning and strategic decision-making for effective supply chain management

Systems Operations and Strategic Interactions in Supply Chains

May 2-5, 2022

Often the lack of cooperation and coordination between organizations or stakeholders lead to inefficiencies, despite having common goals. A systems view is needed to ensure appropriate use of scarce resources to meet the multiple, and often conflicting, short- and long-term goals from multiple constituents. This course focuses on conceptual and modeling skills to understand and effectively manage supply chains and operations from a systems perspective. Models address system characteristics (e.g., demand dependencies) that drive system dynamics and policies to regulate performance. Course topics include methods for improving coordination and collaboration, addressing demand dependencies, and reliably measuring and evaluating system performance.

How You Will Benefit

- › Identify methods for mitigating or reducing inventory variability and costs
- › Identify opportunities for coordination within organizations and collaboration across organizations
- › Describe the strategic behavior of decision makers and the impact of the market (or contract) structure on the participant's actions and the overall system dynamics
- › Define evaluation metrics in alignment with the system goals, structure system operations and incentives
- › Discover current trends and procedures that will place your organization and team members ahead of the curve

Inventory Management and Resource Allocation in Supply Chains

April 25-28, 2022

Many supply chain decisions are concerned with the timely and efficient procurement, allocation, and distribution of resources (e.g., funds, supplies, volunteers, money, employees) through a supply chain network. This course will explore methodologies for “medium term” decision making including procurement and inventory policies, strategies for distribution and allocation of limited resources, and supply chain design.

How You Will Benefit

- › Optimize procurement decisions with consideration of key factors affecting inventory policies such as lead time, variability, and product type (e.g., perishable goods)
- › Compare and contrast inventory techniques for a single event versus ongoing operations
- › Evaluate resource allocation tradeoffs in response to a health or humanitarian crisis
- › Develop resources strategies and policies for the allocation of scarce resources in alignment with the supply chain network
- › Optimize routing and storage of supplies on the transportation network across time and mitigate bottlenecks
- › Develop strategies for allocating funds by incorporating the interdependencies of decisions across time and space



Scholarships

A limited number of scholarships will be available for participants from non-governmental organizations and/or from developing countries. For more information on scholarships, please visit: chhs.gatech.edu/education/professional-education/course-scholarships.

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Two Easy Ways to Register

Online: www.pe.gatech.edu/hhscm

Phone: 404-385-3501

Health and Humanitarian SCM Course Pricing

Individual Course Price	\$1,800
SCL & GT Alumni Discount Price*	\$1,620
3-Course Certificate Discounted Price	\$4,200**

* SCL Alumni is defined as someone who has previously taken a course offered by the GT Supply Chain & Logistics Institute.

To learn about qualifying organizations for discounts, please visit scl.gatech.edu/orgdiscount.

** \$4,200 total for all three courses. Must purchase all three courses at once to receive discount.