



# **Metropolitan College (BU MET)**

## ***Supply Chain Management: How to Stand Out in an Ever-Evolving Industry***

***We will begin momentarily...***

# Agenda

- Introductions
- Supply Chain as a Field
- BU MET MS in Supply Chain Management Programs
  - Capstone Course
  - Lean Six Sigma Green Belt
- Q&A

# Dr. Canan Gunes Corlu

Associate Professor of Administrative Sciences  
Faculty Coordinator for the Supply Chain Management Programs



*PhD, MS, Tepper School of Business at  
Carnegie Mellon University*

Expertise in the area of simulation-based optimization and data analytics with applications in operations management. She also uses simulation to address problems in supply chain management.

Has published in a variety of journals including the two leading journals of the field, *Operations Research* and *Surveys in Operations Research and Management Science*.

Develops and teaches both online and on campus courses in supply chain management , operations management, risk analytics, and capstone projects (with corporations).

# Supply Chain Management

- A **supply chain** is the *entire system* that a firm uses to provide goods and services to its customers.
  - What customers will buy
  - Where to produce these products
  - Where to store them
  - How to move the products efficiently
- 
- Managing a global supply chain is a challenging task in today's complex international networks.
  - Professionals with the knowledge of managing complex networks are in demand.



# SCM Job Outlook

*According to Association for Supply Chain Management (ASCM), supply chain jobs are projected to grow 9% over the course of the next decade.*

*“75% of companies surveyed said that their companies will be making changes to their supply chain practices based on the lessons learned from disruptions.”*

2020 Supply Chain Market Research  
<http://2020.supplychainresearch.info/p/1>

# SCM Job Outlook

*In their 2021 career and salary survey, the ASCM finds that the annual median salary for supply chain professionals with a master's degree is \$99,900.*

*In addition, one third of job-seeking respondents reported that they found employment in less than a month.*

*“79% of young supply chain professionals surveyed described their work as satisfying, and 65% said their work is exciting.”*

Council of Supply Chain Management Professionals 2019 Survey.

# BU MET SCM Program Merits

- **Unique in its design**, enhances customization. Three concentrations and no-concentration option allow for each student to fine-tune their curriculum.
- **Unique Teaching Team**, a mix of seasoned professionals, authors, and academic researchers.
- **Capstone Project**, allows for working on a real problem under the supervision of a faculty mentor and industry mentor.
- **Lean Six Sigma Green Belt**, differentiates students from the crowd in the job market.
- **Free self-paced laboratories**, which help students build the background or refresh their knowledge in certain areas.

# BU MET MS in SCM

(10 courses/40 credits)

## Core Courses (16 cr)

AD 605 Operations Management

AD 632 Financial Concepts

AD 680 Global Supply Chains

AD 715 Quantitative and Qualitative Decision Making

Concentration Options  
(3 courses/12 cr)

No Concentration Option  
(3 courses/12 cr)

**Logistics Management**  
**Risk Management**  
**Analytics**

Capstone Project (1 course/4 cr)

## Elective Courses (2 courses/8 cr)

AD 510 Math and Stats for Management

Another elective of your choice



# **Supply Chain Management**

## **Logistics Management**

AD 734 Quality Management  
AD 690 Strategic Logistics Management  
AD 760 International Trade and Logistics

## **Risk Management**

AD 610 Enterprise Risk Management  
AD 644 Project Risk & Cost Management (pre-req:PM100)  
AD 734 Quality Management

## **Analytics**

AD 734 Quality Management  
AD 571 Foundations of Business Analytics  
AD 616 Enterprise Risk Analytics (pre-req: AD571)

## **No Concentration Option**

# No Concentration Option

## Core Courses (16 cr)

AD 605 Operations Management

AD 632 Financial Concepts

AD 680 Global Supply Chains

AD 715 Quantitative and Qualitative Decision Making

## Pick 3 courses from the following list:

AD 571 Business Analytics Foundations

AD 610 Enterprise Risk Management

AD 616 Enterprise Risk Analytics

AD 644 Project Risk & Cost Management

AD 690 Strategic Logistics Management

AD 734 Quality Management

AD 760 International Trade & Logistics

## Capstone Project (4 cr)

AD 804 Supply Chain Capstone Project

## Electives (8cr)

AD 510 Math & Stats for Management

One elective of your choice

# BU MET Certificate in SCM

**4 courses/16 credits)**

AD 605 Operations Management  
AD 680 Global Supply Chains

Plus 2 of the following courses:

AD 690 Strategic Logistics Management  
AD 734 Quality Management  
AD 760 International Trade and Logistics

# Six Sigma Green Belt Certificate



Accredited by the  
Council for Six  
Sigma  
Certification



# AD 605: Operations Management



The course concerns how an organization uses **Lean methods** to (a) analyze business processes to remove activities that do not add value, (b) increase customer value by offering supplemental services to accompany core offerings, and (c) operate a system of process improvement, while keeping track of risks and vulnerabilities.

# AD 605: Operations Management

## “Real” Case Study Assignments



### Lab Testing and Analytical Services

No matter the industry, we can provide a comprehensive analysis of your manufacturing process to identify both problem points and improvement recommendations

Cases drawn from experiences of the course developer.





# AD734: Quality Management



The course concerns how an organization assures that (a) customers receive products & services that meet or exceed their needs, and (b) they constantly improve over time.

# Lean Six Sigma Green Belt

## Summary of Benefits

[www.simplilearn.com](http://www.simplilearn.com)





# AD804: Capstone Project in SCM



The **Capstone Project** combines consultation, internship and research with external collaboration at a global enterprise. It usually combines on-line and on-campus students who work together on projects.



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# Meet Your Team: Let's Talk Next Steps!



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