

**Supply Chain Management**  
**Course Number: 22:799:669**  
**Course Title: Supply Chain Disruption and Risk Management**

## **COURSE OUTLINE**

This course explores the area of Business Continuity and Risk Management in a comprehensive manner to provide for organizational resilience. Particular emphasis is placed on assessing threats which may lead to disastrous events, evaluating control alternatives and implementing strategies. Practical solutions to enable an organization to mitigate risk, manage crisis and recover after a disaster are discussed. The course is designed to expose the student to all aspects of a holistic Business Continuity and Risk Management program and to determine the most appropriate requirements.

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## **COURSE MATERIALS**

**Text:** Engemann, K. and Henderson, D., *Business Continuity and Risk Management: Essentials of Organizational Resilience*, Rothstein Associates, 2012.

Harvard Business Case Course Pack -

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## **LEARNING GOALS AND OBJECTIVES**

At the conclusion of this course the student will be able to:

- develop and organize a Business Continuity Management program
- conduct a Business Impact Analysis
- conduct a Risk Assessment
- select the most appropriate strategies
- review disaster recovery for Information Technology
- review Information Technology security
- coordinate procedures for activating emergency operations
- develop and implement a Business Continuity Plan
- develop effective crisis communications
- review crisis information management systems
- test and maintain organizational resilience

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## ACADEMIC INTEGRITY

I do NOT tolerate cheating. Students are responsible for understanding the RU Academic Integrity Policy (<http://academicintegrity.rutgers.edu/>)

I will strongly enforce this Policy and pursue *all* violations. On all examinations and assignments, students must sign the RU Honor Pledge, which states, “On my honor, I have neither received nor given any unauthorized assistance on this examination or assignment.” I will screen all written assignments through *SafeAssign* or *Turnitin*, plagiarism detection services that compare the work against a large database of past work. Don’t let cheating destroy your hard-earned opportunity to learn. See [business.rutgers.edu/ai](http://business.rutgers.edu/ai) for more details.

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## TEACHING METHOD

The course will be largely taught via Powerpoint. All class-related material (lecture presentations, messages, etc.) will be posted on **Canvas**. Additional visual material, newspaper articles and handouts will be used to reinforce current best practices. A number of guest speakers will be utilized to bring the “real world” into the classroom.

Students should be enrolled in **Canvas** to access the posted materials.

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## GRADING POLICY

The final grade in this course will be primarily based four things: 1) Team Case Analyses (See Team Case Analyses below) 2) Mid-term and 3) Final Exam and 4) Class and Team participation in cases, in-class projects and lectures. The weights for course work components are given below:

Case Analyses	25%
Class Participation & Attendance	25%
Mid-term Exam	25%
Final Exam	25%
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TOTAL:	100%

Class Attendance & Participation

### Class Attendance (15%)

There will be questions asking students to share their point of view, analysis, insights and recommendations on the class lecture, cases, and handouts during the online lecture or as posted in the

ECollege classroom. It is imperative that the students read the chapters, cases and handouts prior to the class and be prepared to answer questions.

**Class Participation (5%)**

Class participation is also important to develop critical thinking skills and increase the overall class learning. Participation is in the form of responding to and commenting on others’ postings on the discussion thread for each week.

**Case Analyses**

We will cover several cases during the course. These will be a combination of mini-case studies with specific questions for students to reply to. One or two of the cases will be more elaborate, based on which a full study report of around 8-10 pages is expected.

**COURSE SCHEDULE**

Supply Chain Risk and Disruption 22:799:669					Assignments	
	Date	Topics	Reading Material & Books		Discussions - due in a week	Cases
			E&H	Articles		
1		Supply Chain Disruption an Overview	-	Simch-Levi (@)	Due	Sanitizers and COVID @)
2		Fundamentals of BCM	Ch 1 & 2		Due	
3		Business Impact Analysis & Supply Chain	Ch 3		Due	
4		Risk Assessment across the supply chain (I)	Ch 4	Olson Article @)	Due	Merck and COVID @)
5		Risk Assessment across the supply chain (II)  Possible Guest Lecturer on Humanitarian	-	Azadegan ppt	Due	Table top Exercise**
6		Resilience		Zurich Report Sheffi Article@)		Carestream @)

Mid-Term Exam						
7						
8		NO CLASS	-	-	-	-
9		Strategy and Continuity & HROs	Ch 5 & 10	Azadegan - Article From RU Library ***	Due	Nissan @)
10		Internal & External Coordination	Ch 8&9		Due	Ashmark @)
11		Logistics and Logistics Risk		PP Slides	Due	Case D*
12		Global Security and Recovery	Ch 6 & 7		Due	
13		Crisis Communication & IT	Ch 11 & 12		Due	Case E*
14		Business Continuity for Small Business <a href="http://www.preparemybusiness.org/">http://www.preparemybusiness.org/</a>		Read additional resources in website	Due	Table top Exercise**
		<b>Final Exam (See instructions)</b>				

@ From Harvard Course Pack

\* From TextbookE&H

\*\* Will be shared in class

\*\*\* Azadegan et al. (2020) Supply Chain Disruptions and Business Continuity: An Empirical Assessment, Decision Sciences Journal

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## SUPPORT SERVICES

If you need accommodation for a *disability*, obtain a Letter of Accommodation from the Office of Disability Services. The Office of Disability Services at Rutgers, The State University of New Jersey, provides student-centered and student-inclusive programming in compliance with the Americans with Disabilities Act of 1990, the Americans with Disabilities Act Amendments of 2008, Section 504 of the Rehabilitation Act of 1973, Section 508 of the Rehabilitation Act of 1998, and the New Jersey Law Against Discrimination. More information can be found at [ods.rutgers.edu](https://ods.rutgers.edu).

[Rutgers University-New Brunswick ODS phone (848)445-6800 or email [dsoffice@echo.rutgers.edu](mailto:dsoffice@echo.rutgers.edu)]

[Rutgers University-Newark ODS phone (973)353-5375 or email [ods@newark.rutgers.edu](mailto:ods@newark.rutgers.edu)]

If you are *pregnant*, the Office of Title IX and ADA Compliance is available to assist with any concerns or potential accommodations related to pregnancy.

[Rutgers University-New Brunswick Title IX Coordinator phone (848)932-8200 or email [jackie.moran@rutgers.edu](mailto:jackie.moran@rutgers.edu)]

[Rutgers University-Newark Office of Title IX and ADA Compliance phone (973)353-1906 or email [TitleIX@newark.rutgers.edu](mailto:TitleIX@newark.rutgers.edu)]

If you seek *religious accommodations*, the Office of the Dean of Students is available to verify absences for religious observance, as needed.

[Rutgers University-New Brunswick Dean of Students phone (848)932-2300 or email [deanofstudents@echo.rutgers.edu](mailto:deanofstudents@echo.rutgers.edu)]

[Rutgers University-Newark Dean of Students phone (973)353-5063 or email [DeanofStudents@newark.rutgers.edu](mailto:DeanofStudents@newark.rutgers.edu)]

If you have experienced any form of *gender or sex-based discrimination or harassment*, including sexual assault, sexual harassment, relationship violence, or stalking, the Office for Violence Prevention and Victim Assistance provides help and support. More information can be found at <http://vpva.rutgers.edu/>.

[Rutgers University-New Brunswick incident report link: <http://studentconduct.rutgers.edu/concern/>. You may contact the Office for Violence Prevention and Victim Assistance at (848)932-1181]

[Rutgers University-Newark incident report link: [https://cm.maxient.com/reportingform.php?RutgersUniv&layout\\_id=7](https://cm.maxient.com/reportingform.php?RutgersUniv&layout_id=7) . You may also contact the Office of Title IX and ADA Compliance at (973)353-1906 or email at [TitleIX@newark.rutgers.edu](mailto:TitleIX@newark.rutgers.edu). If you wish to speak with a staff member who is confidential and does **not** have a reporting responsibility, you may contact the Office for Violence Prevention and Victim Assistance at (973)353-1918 or email [run.vpva@rutgers.edu](mailto:run.vpva@rutgers.edu)]

If students who have experienced a temporary condition or injury that is adversely affecting their ability to fully participate, you should submit a request via <https://temporaryconditions.rutgers.edu> .

If you are a military **veteran** or are on active military duty, you can obtain support through the Office of Veteran and Military Programs and Services. <http://veterans.rutgers.edu/>

If you are in need of **mental health** services, please use our readily available services.

[Rutgers University-Newark Counseling Center: <http://counseling.newark.rutgers.edu/>]

[Rutgers Counseling and Psychological Services–New Brunswick: <http://rhscaps.rutgers.edu/>]

If you are in need of **physical health** services, please use our readily available services.

[Rutgers Health Services – Newark: <http://health.newark.rutgers.edu/>]

[Rutgers Health Services – New Brunswick: <http://health.rutgers.edu/>]

If you are in need of **legal** services, please use our readily available services: <http://rusls.rutgers.edu/>

Students experiencing difficulty in courses due to **English as a second language (ESL)** should contact the Program in American Language Studies for supports.

[Rutgers–Newark: [PALS@newark.rutgers.edu](mailto:PALS@newark.rutgers.edu)]

[Rutgers–New Brunswick: [eslpals@english.rutgers.edu](mailto:eslpals@english.rutgers.edu)]

If you are in need of additional **academic assistance**, please use our readily available services.

[Rutgers University-Newark Learning Center: <http://www.ncas.rutgers.edu/rlc>]

[Rutgers University-Newark Writing Center: <http://www.ncas.rutgers.edu/writingcenter>]

[Rutgers University-New Brunswick Learning Center: <https://rlc.rutgers.edu/>]

[Optional items that many faculty include:

- Students must sign, date, and return a statement declaring that they understand the RU Academic Integrity Policy.

- Students must sign, date, and return a statement declaring that they understand this syllabus.]