

**Supply Chain Management**  
**Course Number: 22:799:639**  
**Course Title: Supply Chain Risk and Disruption Management MS**

## **COURSE OUTLINE**

Properly addressing risks and facing possible disruptions are of primary importance to supply chains. In the wake of high consequence disruptive events and the constantly changing political and technological landscapes, risk identification and disruption response activities have become ever more critical. This course explores the area of Business Continuity and Risk Management in a comprehensive manner to provide for organizational resilience. 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 for their organizations.

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## **COURSE MATERIALS**

### **Texts:**

1. "Business Continuity and Risk Management: Essentials of Organizational Resilience" by K. Engemann and D. Henderson., Rothstein Associates, 2012; ISBN 978-1-931332-54-5
2. "Business Continuity from Preparedness to Recovery" by Eugene Tucker. Copyright 2015 Elsevier Inc; ISBN 978-0-12-420063-0

**Articles, Readings and Cases:** As assigned

**Learning Management System:** Canvas will be used to deliver this class. All course instructional videos, materials, assignments, announcements, discussion board and grades will be available in Canvas. (canvas.rutgers.edu)

*Check your official Rutgers email account and Canvas regularly for class announcements.*

**Additional readings will be assigned throughout the course.**

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## **LEARNING GOALS AND OBJECTIVES**

*This course is designed to help students develop skills and knowledge in the following area(s):*

- **Knowledge.** Students will have broad understanding of basic business continuity management and risk management practices and their application in the field of supply chain management.

Students who complete this course will demonstrate:

- a. knowledge of business continuity strategy and planning and an understanding of emergency management preparation and practices.
- b. ability to identify key supply chain risk areas in a global economy and understand how companies manage the preparation, mitigation, and response strategies to disruptive events.
- c. knowledge of risk management methodologies (identification, analysis, evaluation, mitigation) and supply chain risk management practices.
- d. knowledge of domestic and global business challenges and risks.

- **Ethical judgment.** Students will use reasoned and ethical judgment when analyzing problems and making decisions.

Students who complete this course will demonstrate an ability to plan for disruptions and the need to develop disaster recovery plans. Students will be able to recognize ethical dilemmas in unstructured business decision-making scenarios. Students will demonstrate an ability to critically evaluate unstructured business decision-making scenarios and develop innovative and ethical solutions.

- **Effective communication.** Students who complete this course will demonstrate an ability to construct clear, concise, and convincing written business communication. Students will be able to communicate relatively complex ideas in an understandable manner.

*Students develop these skills and knowledge through the following course activities and assignments:*

- **Lectures.** Class lectures include a slide deck presentation of the material to transfer the supply chain knowledge to the students by video. Lectures make use of practical examples from business and industry along with exercises to help ensure thorough comprehension of the material.
- **Homework Assignments.** Homework is assigned to reinforce concepts in the course and for students to practice newly acquired skills. Homework is turned in and graded to ensure knowledge transfer. Relevant cases may be assigned to enable students to utilize course concepts to analyze business situations and develop solutions.
- **Class Discussions.** Students will share their point of view, analysis, insights, and recommendations on a variety of topics throughout the semester.
- **Exams.** The course includes quizzes and exams to formally assess students' knowledge and comprehension.

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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.

You are expected to do your own work. Cheating, plagiarism, and any other form of academic dishonesty will not be tolerated

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## NETIQUETTE

Meaningful and constructive dialogue is encouraged in this course and requires a willingness to listen, a tolerance for different points of view, and mutual respect from all participants. Students are expected to conduct themselves in a manner that does not disrupt teaching or learning, and students share the responsibility of creating a positive learning environment. Course discussions should be civilized and respectful to everyone and relevant to the topic we are discussing. Discussion forums are meant to allow for a variety of viewpoints. This can only happen if we respect one another and our differences.

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## CLASS PARTICIPATION THROUGH DISCUSSIONS

There will be questions asking students to share their point of view, analysis, insights, and recommendations on a variety of topics throughout the semester as posted in the Discussion section in Canvas. Topics may come from current news and events, class lecture, cases, and handouts. Class participation is important to develop critical thinking skills and increase the overall class learning through discussion. Participation is in the form of responding to and commenting on others’ postings on each discussion thread posted.

### **For each discussion, to receive full credit:**

- • Post your answer to the discussion question(s) in the thread
  - • Comment on at least one of your classmates’ answers
  - • If a classmate commented on your post, respond.
  - • Do both in accordance with the learning goal above (persuasive communications).
  - • You have the option to contribute in either written, audio, or video format.
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## EXAM POLICIES

There are quizzes / exams given periodically in this course. Final Exam Week is December 7th  
Content for examination questions will be developed from the textbook, class lecture & slides, and assigned readings.

### *A Proctoring system may be used to Proctor Quizzes and Exams.:*

Exam proctoring software may be used in this course during online exams. Only Rutgers approved proctoring software will be used. It is used to preserve exam integrity when taking online exams and will

require the use of a webcam and a microphone during the exam(s). Details on the specific software and usage will be provided during the semester.

## GRADING POLICY

The weights for course work components are:

Class Participation through discussion topics	15%
Homework Assignments	35%
Quizzes / Exams	50%
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TOTAL:	100%

### Grading Scale

A	100 %	to 94.0%
A-	< 94.0 %	to 90.0%
B+	< 90.0 %	to 87.0%
B	< 87.0 %	to 84.0%
B-	< 84.0 %	to 80.0%
C+	< 80.0 %	to 77.0%
C	< 77.0 %	to 74.0%
C-	< 74.0 %	to 70.0%
D+	< 70.0 %	to 67.0%
D	< 67.0 %	to 64.0%
D-	< 64.0 %	to 61.0%
F	< 61.0 %	to 0.0%

### Case assignments

Case discussions are used develop critical thinking skills around Supply Chain Management. If you are not familiar with how to analyze and discuss business cases, I recommend you look at *The Case Study Handbook, Revised Edition: A Student's Guide* by William Ellet.

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## COURSE SCHEDULE

Module	Topic	Engemann	Tucker	Details
1	Course Introduction and Overview			
2	Fundamentals of Business Continuity	1 & 2	1, 2, 3	Textbooks
3	Business Impact Analysis and Risk	3	5	Textbooks
4	Risk Assessment & Evaluation	4	6	Textbooks
5	Risk Management & Mitigation	5	7	Textbooks
	Exam 1			Modules 1 - 5
6	Location / Logistics Risk & Disruption			Assigned reading
7	Sourcing / Supplier Risk & Disruption			Assigned reading
8	Sourcing / Supplier Risk & Disruption			Assigned reading
9	Internal Risk & Disruption			Textbooks & Assigned reading
10	External Risk & Disruption			Assigned reading
11	Business & Digital Disruptions	6 & 7		Assigned reading
12	Business Continuity strategy & planning	10, 11, 13	8, 9	Textbooks
13	Emergency management and response	8, 9	4	Textbooks
14	Organizational Resilience & Supply Chain trends			Assigned reading
15	Final Exam			

1. All weekly assignments will be due by 11:59PM unless otherwise stated.
2. The instructor reserves the right to make changes to the syllabus during the semester.

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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](http://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.]