

Supply Chain Management
Course Number: 29:799:430
Course Title: Security and Risk Management

COURSE DESCRIPTION

Supply Chains in every Enterprise have and will become an increasingly competitive advantage for companies. A critical factor in Enterprise success will be the effectiveness and robustness of the Risk Management Process. A deep dive into the Value Chain of the Enterprise will become the foundation of managing Risk and ensure Growth, Efficiency and most importantly the Trust Mark for the Company. The course will explore Risk Management Concepts, Operating Models, Tools and Measurement Systems in an interactive classroom setting. Throughout the semester students will apply the learning to specific companies in a real time manner through concise written and oral briefs. Emphasis will be given to the current COVID scenario which will focus on Business Continuity Planning (BCP). Panel discussions, industry leader presentations, instructor videos and streaming lectures will ensure diverse thinking on the subject matter. The course will give the students a risk acumen which will be immediately useful in their career journey.

A company will be selected by the student to track during the semester for their approach to Risk Management.

COURSE MATERIALS

- **TEXT: Supply Chain Risk Management – An Emerging Discipline – Schlegel and Trent**
Copy Right 2015 by Taylor and Francis Group LLC – CRC Press
IBN: 9781482205978

-**Selected Readings - "Business Continuity from Preparedness to Recovery" by Eugene Tucker.**
Copyright 2015 Elsevier Inc ISBN 978-0-12-420063-0

- Check Canvas and your official Rutgers email account regularly. Assignments, course material and grades will be posted accordingly.

-Company Research thru search engines, annual reports, industry associations etc

-Professor Insights and Readings

LEARNING GOALS AND OBJECTIVES

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

- Definitions of Risk
- Understanding of the Value Chain and End to End Risk Management
- Integration of Enterprise Risk Management into Supply Chain Risk Management
- Risk Tools and Measurements
- Communicating Risk
- Risk Acumen
- Social Responsibility in Supply Chain Risk Management
- Team Decision Making
- Development of Business Continuity Plan

- Students who complete this course will demonstrate the following:

- Ability to ‘Connect the dots’ with regard risk factors in the Supply Chain
- Ability to be forward looking at potential risk
- Ability to look outside the four walls of the company in looking at third party risk
- Ability to look at methods of Planning and Execution
- Ability to Communicate effectively Risk and Action Plans
- Ability to look future Operating Models and Effectiveness
- Ability in prioritizing the use of big data
- Ability to see that Supply Chain Risk Management can be a competitive advantage for a Company
- Ability to complete situation analysis of risk in real time situations and propose recommendations accordingly

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 for more details.

ATTENDANCE AND PREPARATION POLICY

Students are expected to attend all classes and class participation is part of your overall grade. Class will start on time so be prompt and remain for the entirety of each class session. If you are to be absent, report your absence in advance via <https://sims.rutgers.edu/ssra/>. Do not send me an email to advise me of your absence. If your absence is due to religious observance, a Rutgers-approved activity, illness, or family

emergency/death and you seek makeup work, also send me an email with full details and supporting documentation within 3 days of your first absence.

If I am to be absent, my department chair or I will send you notice via email and Canvas as far in advance as possible. If the campus is open, class will be held. For weather emergencies, consult the campus home page. Official University and/or Campus closings are listed on the Rutgers University website at www.rutgers.edu

Expect me to arrive on time and prepared for each class session. I expect the same of you. Complete all background reading and assignments. Your learning is enhanced if you are prepared and paying attention in class. The minimum expectation is that for each class session, you have prepared by studying for at least twice as many hours as the class time.

EXAM DATES AND POLICIES

There are 2 exams in this course:

MID TERM – In Class – Concepts and Case Studies

FINAL– In Class – Concept and Case Studies

Two (2) Individual briefs selected company risk topics with short oral brief – Assigned accordingly
Briefs are to be submitted on specific due date. **Failure to submit on time without prior approval will result in Zero Credit for the brief...** Briefs are not optional.

Group Exercise (Risk Scenario simulations) will be observed by instructor for participation and completion (in class).

Team Project – Development of Risk Training Module (selected topic) or Drafting of Business Continuity Plan

-Conflicts/makeup exams will only be considered with prior to review and approval by me.

GRADING POLICY

Course grades are determined as follows:

MID TERM – 100 points

FINAL – 100 Points

Three (2) Individual briefs on Risk Tracking with one oral brief – 50 points each

Team Project – 100 points

Total 400 Points- Grade Breakdown as follows:

- A 360 points
- B+ 352 points
- B 320 points
- C+ 308 points
- C 280 points
- D - 240 points

Attendance and Class Participation (in class and discussion boards) – to be noted by instructor accordingly. Attendance will be completed at each class. Two or greater un-excused absences will result in minimum of 5point reduction to final points.

COURSE SCHEDULE

SEGMENT 1 Weeks 1-3– ‘SETTING THE STAGE’

- Chapters 1-3
- Value Chain, Concepts of Risk, As is Landscape, ESRM/SCRM
- Company Brief Selection

SEGMENT 2 Weeks 4-7 ‘CRITICAL RISK PERSPECTIVES/ BCP PROCESS

- Chapters 4,6,7
- Strategic Risk, Financial Risk, Operational Risk
- Baseline Company Brief #1 – Risk in the Value Chain

MIDTERM EXAM Week 8 – ‘CONCEPT UNDERSTANDING AND CASE STUDY

SEGMENT 3 Week 9 -BUSINESS CONTINUITY PLANNING

- Readings from ‘Business Continuity-Preparedness-Recovery’ Tucker
- BCP Exercise

SEGMENT 4 Weeks 10-11 – ‘BIG DATA AND PROBABILISTIC MODELS IN UNDERSTANDING RISK’

- Chapters 10,11
- Company Brief #2 – Big Data- The New Normal post COVID
- Topic Selection for Team Project – Risk Training

SEGMENT 5 Weeks 12-13 –

- Chapters 9,12,13
- Frameworks, Tools, Measurement

SEGMENT 6 Weeks 14-15 – ‘SUPPLY CHAIN RISK – THE FUTURE’

- Team Project Sharing
- Final Exam- Concepts and Cases

NOTE: Timing is subject to change. Segments will be augmented with guest speakers, instructor video, student video, third party application (example Resilinc), podcasts, discussion boards and in class simulations where applicable.

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.

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

[Rutgers University-Newark ODS phone (973)353-5375 or email 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]

[Rutgers University-Newark Office of Title IX and ADA Compliance phone (973)353-1906 or email 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]

[Rutgers University-Newark Dean of Students phone (973)353-5063 or email 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 . You may also contact the Office of Title IX and ADA Compliance at (973)353-1906 or email at 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]

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]

[Rutgers–New Brunswick: 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.]