

**The University Of North Carolina at Greensboro
Bryan School of Business and Economics
Department of Information Systems and Supply Chain Management**

SCM 650-01: Principles of Supply Chain Management (Fall 2019)

Instructor: Onyi Nwafor
Office: Room 438 Bryan Building
Phone: (336) 256-8587
E-Mail: o_nwafor@uncg.edu
Class Time: Wednesdays, 8:00 pm – 9.00 pm (WebEx Sessions)
Office Hours: Virtual Office Hours by appointment.

COURSE DESCRIPTION

Supply Chain Management (SCM) involves an integrated approach to managing of the flow of materials, products, services, and cash from the suppliers all the way to the customers, and sometimes from the customers back to the suppliers. SCM requires coordination between various functional groups within an organization, as well as with entities outside and organization (e.g., suppliers and customers). Achieving such coordination is very challenging for many organizations. The course introduces students to the concepts, issues, and techniques used to design, analyze, and manage supply chains effectively. It also provides a foundation for more in-depth study within the SCM curriculum. Specific topics covered in this course include formulation and design of supply chain strategy, forecasting, inventory management, sales and operations planning, global supply chain network design, and information systems for SCM.

PRE-REQUISITE COURSES AND REQUIREMENTS

Admission to the Graduate Certificate in Supply Chain, Logistics and Transportation Management (SCLTM) or some other approved graduate program.

COURSE OBJECTIVES

At the conclusion of this course students are expected to:

- Develop an understanding of the strategic role of SCM in the attainment of company goals to achieve competitive advantage and long-term sustainability
- Develop an understanding of issues related to the design, operation, and analysis of a supply chain system
- Develop knowledge of theories and quantitative methods to analyze practical data to support decision-making for supply chain management
- Develop basic understanding of the nature of the supply chain manager's job

COURSE TEXTBOOK AND OTHER MATERIALS

The custom text, "*Principles of Supply Chain Management. SCM650*" (Print version: ISBN 9781323955420; Digital version: ISBN 9781323956441). The text is available for purchase at the UNCG Bookstore, located in the Elliott University Center. On-line ordering is possible through the bookstore. The custom text is primarily based on two references: (i) Chopra, S., *Supply Chain Management- Strategy, Planning and Operation*; 7th Edition; Pearson; (ii) Arnold, J., Gatewood, A., Clive, M., & Chapman, S. *Introduction to Materials Management*; 8th Edition; Pearson.

COURSE STRUCTURE

This course will be taught 100% online. It combines standard e-learning with added WebEx sessions on designated dates (please see the course schedule at the end of this document for more details).

This course uses a discussion-oriented inverted classroom model, wherein students are responsible for reviewing the course materials posted online BEFORE participating in the instructor-led WebEx sessions. This approach allows time to address more challenging problems and in-depth discussions of the subject matter during the WebEx sessions. **The course includes many assigned readings from the course text and case studies. To be successful in this course, students should be prepared to spend a fair amount of time outside of class reading both the course text and the case materials.** The assigned readings are designed to introduce students to SCM concepts, theories, and methods, while the case studies provide students the opportunity to apply these concepts, theories, and methodologies to real-world problems.

Canvas

This course will use UNCG Canvas as a course management tool to post important information. This information includes course syllabus, tests, grades, videos, reading articles, announcements, and such other instructional materials. To access Canvas, visit: <http://canvas.uncg.edu>. Students must have an active UNCG email account to access Canvas. Canvas works best using the Mozilla Firefox browser or Google Chrome. It is the student's responsibility to check Canvas regularly for important announcements, such as class notes, emails, and grades etc.

WebEx

The learning approach combines standard e-learning with WebEx module review sessions. WebEx sessions will be held on selected weeks (see course schedule for more details). Students can access the weekly WebEx sessions via the link provided within the associated course modules on Canvas. Note that the links to the WebEx sessions will not be available until 15 minutes before the scheduled start time. On the weeks that they hold, the WebEx sessions will take place from 8:00 – 9:00 p.m. on Wednesdays. WebEx meetings will serve as module review sessions used to clarify key concepts assigned for the week, and to allow opportunity for knowledge sharing and dialogue between the instructor and students. These sessions will only add to the assigned course materials, and not replace them. Students must read the assigned course materials before the WebEx sessions! Every WebEx session is important. Students should endeavor to participate in all. The sessions will be recorded to allow access to students unable to participate in “live” sessions. Students can access the recordings via the link included in relevant course modules on Canvas. The video recordings will not be available until the day following each session.

Ask your Instructor Discussion Board

I have created a discussion board, “Ask Your Instructor” on Canvas. Please use this discussion board to ask any general questions you may have about the class, so I can respond to them in public. Chances are that if you have a question, someone else has the same one!

Case Studies

The discussion-oriented inverted classroom model requires that students read the assigned course text and/or any case study assignments BEFORE each WebEx session. There is a course packet created on Harvard Business Online, where students can access the cases required for the course. Students will have to register with Harvard Business Online to get access to the course packet. The course packet is available at the following link: <https://hbsp.harvard.edu/import/651732>

Quizzes

There will be a quiz after each WebEx module review session to test participants' understanding of the module, and to provide an opportunity to practice recognizing key SCM principles and concepts. All quizzes can be accessed via the link provided in the course module on Canvas. Unless otherwise stated, quizzes will be due at 11:59 p.m. on the Tuesday following the quiz assignment.

In the event that a technical problem prevents a student from submitting a quiz assignment by the due date, the instructor may grant the student an opportunity to complete the assignment, **strictly on the condition that the student provides evidence of the technical problem** (e.g., a screenshot of the error message clearly showing the date and time the error occurred). It is the student's responsibility to ensure that he/she captures evidence of the technical error (including **date and time**) at the time that it occurs. Students are therefore advised to ensure that they have a reliable computer and internet access ready before attempting each quiz.

Discussion Board

The course discussion board on Canvas will be used to share ideas with other course participants to enhance everyone's learning experience. Discussion questions will be posted weekly and will relate to the course text or case study assigned to a given module. Discussion question(s) will be open for comments on Canvas on the Wednesday evening before the due date. Unless otherwise stated, discussion assignments will be due at 11:59 p.m. on the Tuesday following the discussion assignment. Each student is required to post a **COMMENT** by end of day Tuesday of the week due.

Discussion Board contribution points will be accumulated based on students' ability to critically analyze the discussion topic, the usefulness of the observations and suggestions, and the student's ability to put ideas across with clarity and conviction in a succinct and cogent manner. Valid discussion board contributions include both "new" comments and "follow-up" responses to others' comments. Students are encouraged to read others' comments before posting their own as points will be awarded for the originality of comments. Follow-up comments that do not include original/alternative viewpoints, or comments that simply agree with or rephrase existing comments attract minimal contribution points. Non-contribution to the Discussion Board will result in a "0 Point" grade for weekly participation.

Practice Problems Sets

For the modules that involve significant quantitative analysis, the instructor will typically provide students with practice problems sets. Students are encouraged to attempt the practice problem before attempting worked problems.

Simulation

Students will be required to participate in a team-based simulation game called, "*Supply Chain Management Simulation: Root Beer Game*". Students can purchase access to this simulation game via the course pack created on Harvard Business Online (see "Case Studies" above). The simulation will be used to demonstrate the importance of coordination in a supply chain. The instructor will assign each student to a team to play the game. The course will use Canvas discussion forums and WebEx sessions to facilitate team interactions. At the end of the game, each student is expected to provide a summary report of lessons learned from playing the simulation game (in MS Word or PDF format, 2 pages maximum), as well as his or her own performance records from the game. Important deadlines associated with the simulation game are provided in the course schedule.

Other Readings

Supplemental readings and other materials relevant to the course will be posted on Canvas. To access supplemental materials described as "eReserves" (e.g., Module 10 reference), students must first navigate to the relevant modules in Canvas and then follow instructions to log in to Box (from within Canvas). Once logged into Box, the eReserves will become accessible from within Canvas.

Students are also encouraged to keep abreast of current events that are relevant to the subject and attempt to relate them to course materials.

Exams

The course includes two exams. Each exam will be based on a case study analysis. Students will have a 3-day window to complete each exam. The dates for the exams are shown in the course schedule.

Grades

The point allocation and resulting letter grades for the course are detailed below:

Exams (2 exams, 25% each)	50% of the overall grade
Module Review Quizzes	20% of the overall grade
Discussion Questions	20% of the overall grade
Business Simulation	10% of the overall grade
Total	100%

The required performance for each letter grade is given below. Note, that final grades averages are not rounded off to the next higher integer. For example, a 92.99 is an A-, not an A.

A	93-100 %
A-	90-92.99 %
B+	87-89.99 %
B	83-86.99 %
B-	80-82.99 %
C+	77-79.99 %
C	73-76.99 %
F	Below 73 %

GENERAL

Office Hours

The instructor's virtual office hours are set up to assist with students' understanding of the material. Students are STRONGLY encouraged to contact the instructor at the first sign of any problem or lack of understanding. Do not wait until it is too late! Students are encouraged to post questions under the "Ask your Instructor" discussion forum. The instructor will respond to all questions posted on this forum within 24 hours. To avoid repeat questions, students are encouraged to review the discussion forum before posting questions.

Make-Up Exam Policy

Exams may not be missed for the convenience of the student. The exam dates are published in the course schedule and it is expected that students will schedule their other activities around these exam dates. If an exam is to be missed due to approved university reasons, students must inform the Professor before the exam (if not possible, no later than 24 hours after the exam) and must furnish the Professor with the original documentation (copies will not be accepted) why the absence should be excused. There will be no make-ups for missed exams without a university approved excuse. If excuse is approved, students are allowed to take the exam on the date agreed by the Professor and the student. The make-up exam will cover the material of the missed exam and the new material that is covered prior to the make-up exam date. The format of the exam may be different from the exam given to the rest of the class. An exam, whether regularly scheduled or make-up, that is missed without an approved excuse will be assigned a grade of ZERO.

STUDENT RESPONSIBILITIES:

The student is expected to actively participate in all electronic discussions and complete all assignments on schedule. Failure to participate will result in a lowering of a student's average.

Bryan School Faculty and Student Guidelines: https://bryan.uncg.edu/wp-content/uploads/2017/08/faculty_student_guidelines.pdf