College of Charleston  
School of Business  
Supply Chain Planning & Analysis  
Spring 2020

Instructor: Tingting Zhou  
Office: JCLong332  
Office hour: MW: 3:25pm-4:25pm TR: 4:30pm-6:00pm or by appointment  
Email: zhout@cofc.edu (Please start with [SCIM 373] in the title field)

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Course Description: (From the Catalog)  
"Primary methods of analysis required for supply chain planning, with a special emphasis given to the quantitative modeling techniques used in developing and managing the performance of supply chains. Students will gain experience using the tools that generally qualify decision-making in supply chain environments."

Course Objectives:  
Supply Chain Planning and Analysis is important for the growth and success of a business/organization. This course is an opportunity for you to gain  
1. An understanding of how quantitative methods can be applied to decision-making and planning in supply chain systems.  
2. An understanding of how to create and use quantitative models for making supply chain decisions and analyzing supply chain performance.  
3. Skills for interpreting analytical results.  
4. Experience using Excel applications for statistical and quantitative decision analysis in a supply chain planning and design context.

School of Business learning goals:  
Quantitative Fluency: Students demonstrate competency in logical reasoning and data analysis skills.

Prerequisite:  
DSCI 304 Production and Operations Management

Textbook:  

Major Topics:  
1. Introduction  
2. Linear Programming Modeling Applications with Computer Analysis in Excel
3. Network Design in the Supply Chain
4. Transportation, Assignment and Network Models
5. Managing Economies of Scale in a Supply Chain

**Grading**
The following percentages will be assigned:
Attendance: 20%
Homework: 80%
Letter grades will be assigned according to the following scale. The scale is a
guarantee. I reserve the right to lower the grade cutoffs, but I will not raise them.
A: ≥ 94  A-: 90 – 93.99
B+: 86 – 89.99  B: 83 – 85.99
B-: 80 – 82.99  C+: 76 – 79.99
C: 73 – 75.99  C-: 70 – 72.99
D-: 60 – 62.99  F: < 60

**Homework:**
All assignments must be submitted in electronic format by the deadlines. The
electronic copy need to be uploaded to dropbox on OAKS. No late homework
will be accepted. Homework announcement will be posted on OAKS or sent via email. One lowest homework score will be dropped.

**POLICIES AND PROCEDURES:**

**OAKS and MyCharleston Usage:**
Grades will be posted on OAKS. It is the student’s responsibility to ensure that all grades entered are correct. If I have made a mistake, the student has two
weeks from when the assignment/exam was handed back to notify me of the mistake. Failure to notify me within this time frame will result in the recorded grade becoming permanent.

**SNAP Students/Special Accommodations/Athletes:**
Students needing special accommodations should see the professor within the first week of class. If there is a student in this class who has a documented dis-
ability and has been approved to receive accommodations through the Center for Disability Services/SNAP (Students Needing Access Parity), please come and
discuss this with me during my office hours. **SNAP Student should bring the envelope to the professor at least three days before the scheduled exam. No extended time will be given if valid documentation is not received before the exam.**

**Attendance:**
Students are expected to attend all classes, turn in all work by the due date and take examinations at the times and dates announced. Excessive absences (more than 3), excused or unexcused, will result in the student receiving a WA (an equivalent to an F) for the course. **Attendance sheets will be used and it is your responsibility to sign them each class meeting.**

Excessive absences will result as follows:
Absences 1-3: Allowed for any and all reasons. No need to explain.
Absence 4,5: 3 points deducted from your final course average per class missed.
Absence 6 and higher: 6 points off your final average per each class missed.

**Classroom Conduct:**
Please turn off cell phones and any audible devices during class. Please do not hold private conversations during class. It is distracting to both the professor and to your fellow students. Internet will be given when necessary. Use of the lab computers is prohibited during class, unless instructed by the professor. Each of the lab computers is equipped with activity monitoring software, which links your computer (screen and all) to professor’s at the front of the class. The professor will use this software to monitor lab computer usage and the professor reserve the right to publicly display any lab computer’s screen at anytime to the rest of the class. The professor also reserves the right to take control over any lab computer using this software at any time during class.

**Questions and Problems:**
You are encouraged to ask questions during class and office hours, we all want to hear your ideas and opinions.

**College of Charleston Honor Code and Academic Integrity:**
Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when identified, are investigated. Each incident will be examined to determine the degree of deception involved.
Incidents where the instructor determines the student’s actions are related more to a misunderstanding will handled by the instructor. A written intervention designed to help prevent the student from repeating the error will be given to the student. The intervention, submitted by form and signed both by the instructor and the student, will be forwarded to the Dean of Students and placed in the student’s file.
Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the XX to be expunged. The F is permanent. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.
Students should be aware that unauthorized collaboration—working together without permission—is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted. Other forms of cheating include possessing or using an unauthorized study aid (which could include accessing information via a cell phone or computer), copying from others’ exams, fabricating data, and giving unauthorized assistance.

Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.

Students can find the complete Honor Code and all related processes in the Student Handbook at http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php.

Academic Support Services The Center for Student Learning
The CSL, located on the first floor of the library, offers a wide variety of tutoring and other academic resources that support many courses offered at the College. Services include walk-in tutoring, by appointment tutoring, study strategies appointments, Peer Academic Coaching (PAC), and Supplemental Instruction (SI). All services are described and all lab schedules are posted on the CSL website http://csl.cofc.edu, or call 843.953.5635 for information.

Useful links:
University Academic Calendar and Final Exam Schedule:
http://registrar.cofc.edu/calendars/

Students will be notified of any modifications from the syllabus throughout the course of the semester.