

ESI 6323 – Models for Supply Chain Management Spring 2018

T 8 (3:00-3:50PM); R 8-9 (3:00-4:55PM)
CSE E118

Catalog Description

This course introduces fundamental concepts in Supply Chain Design, Planning, and Operations. Several main topics include supply chain strategy, forecasting, inventory control, transportation, sourcing, and revenue management. (3 Credits)

Course Objectives

- To develop a familiarity with supply chain concepts;
- To understand the important issues in supply chain system design and operation;
- To develop the ability to formulate models of systems and to analyze results for the models;
- To develop information technology skills and decision support systems for supply chain systems.

Required Text Book

- Chopra and Meindl, *Supply Chain Management: Strategy, Planning and Operation (5th edition)*, Prentice Hall, Upper Saddle River, New Jersey.

Reference Books

- Daganzo, *Logistics Systems Analysis*, 3rd edition, Springer-Verlag, Heidelberg, Germany, 1999.
- Brammel and Simchi-Levi, *The Logic of Logistics*, Springer, New York, 1997.

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Office hours: T 3:50-4:50 PM (Instructor); F 3:00-5:00PM (TA, Weil Hall)

Course Website: UF Canvas

On the website you can find all the announcements and course materials, which include syllabus, lecture notes, homework assignments, and grades. Please check the website frequently.

Homework Assignments and Supply Chain Game

There are six-eight homework assignments in total. Discussion is allowed and individual submission is required. To be fair to everyone, please submit your homework on time. Requests for a re-grade of exam/homework will be considered only within one week from the time the graded exam/homework is returned. There are online supply chain games, and two or three students to form a group to run the games online. A final report is required for each group.

Attendance

Students are strongly suggested to attend the classes, even though this is not required.

Grading

Homework 25% Midterm 25% (Time: March 1, 2018) Project: 25%
Final 25% (Group 1A: 7:30-9:30am, Tuesday May 1, 2018) Bonus: 2% (class participation)
Note here distance students will have a 3 day window following the in-class exam date to schedule and complete exam with their proctor.

Grading Scale

Your grade will be the better one of the following two schemes

1. 90-100 A, 85-89 A-, 80-84 B+, 75-79 B, 70-74 B-, 65-69 C+, 60-65 C, <60 F
2. Top 30% A, 30%-40% A-, 40%-60% B+, others B or below

In order to graduate, graduate students must have an overall GPA and an upper-division GPA of 3.0 or better (B or better). Note: a B- average is equivalent to a GPA of 2.67, and therefore, it does not satisfy this graduation requirement. For more information on grades and grading policies, please visit: <http://www.registrar.ufl.edu/catalog/policies/regulationgrades.html>

Honor Code

Kindly note and adhere to the following policy: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.”

Accommodation for Students with Disabilities

Students Requesting classroom accommodation must first register with the Dean of Students Office. That office will provide the student with documentation that he/she must provide to the course instructor when requesting accommodation.

UF Counseling Services –Resources are available on-campus for students having personal problems or lacking clear career and academic goals. The resources include:

- UF Counseling & Wellness Center, 3190 Radio Rd, 392-1575, psychological and psychiatric services.
- Career Resource Center, Reitz Union, 392-1601, career and job search services.

Software Use

All faculty, staff and student of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.