

MAS 6V08
ADV TOPICS IN INVENTORY MGMT
FALL 2004

Instructor: Dr. Alain Benssousan, office: SOM 3.211, email: axb046100@utdallas.edu.

Time and Location: Monday 2:00 - 4:45, SOM 2.802.

Teaching Assistant: Xianghua Gan, office: SOM 3.406, email: ganxh@utdallas.edu.

Office Hours: Wednesday 2:00-5:00.

Textbook: Foundations of Stochastic Inventory Theory, Evan L. Porteus.

Material: Lecture notes, available on WebCT.

Course Content:

1. Static Model
2. Dynamic inventory models without set up cost
3. Dynamic inventory models with set up cost
4. Linear quadratic inventory models
5. Dynamic inventory models with Extensions
6. Models with not independent demands or lead times
7. Models with infinite horizon

Grading: There will be a midterm exam and a presentation. They will count toward the grade as follows.

Midterm	50%
Presentation	50%.

Exam: The midterm exam will be on Monday, November 1 from 2:00 to 4:45 p.m.