Logistics Management OPMA 5369 Syllabus

Fall 2005
B151
M 7:00-9:50 p.m.

<table>
<thead>
<tr>
<th>Instructor</th>
<th>Phil Beck</th>
<th>E-mail</th>
<th><a href="mailto:pobeck@uta.edu">pobeck@uta.edu</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>(817) 272-3546</td>
<td>Office Hours</td>
<td>MW 4:00-5:00 pm &amp; by appointment</td>
</tr>
<tr>
<td>Office</td>
<td>B 535A</td>
<td>Web Site</td>
<td><a href="https://www.uta.edu/faculty/pobeck">https://www.uta.edu/faculty/pobeck</a></td>
</tr>
</tbody>
</table>

Text:

2) Software: A PC spreadsheet package (such as Excel or Lotus) and LogWare (text)
3) Binder: Solved homework assignments.

Articles:

Articles from Interfaces, CIO, Wall Street Journal and other logistics/information technology journals will be assigned during the semester.

Description:

Physical supply, in-plant movement and storage, and physical distribution that comprise logistics systems in industry. Topics include facility location, transportation, networks, and logistics information systems.

Goals:

The ability to identify logistical problems, and create better business solutions using logistics methodologies.

Prerequisites:

OPMA 5361 and willingness to work, think, and challenge your knowledge bank. It is imperative that the student has taken statistics before this course. Additionally, a solid understanding of Excel is required

Requirements:

Students are expected to read the assigned material and work the assigned problems before class and be prepared to discuss them in class. Students should print chapter slides available on the course web page and bring to class. Students will be responsible for the material in the assigned chapters and articles whether or not we cover it in class.
Students will also be responsible for what is covered in class whether or not it is in the textbook. A significant portion of in class time will be devoted to applying the qualitative and quantitative concepts introduced in the assigned readings. Students will be expected to be able to apply the qualitative and quantitative (mathematical and statistical) techniques discussed in the chapter and readings, and present solutions to assigned problems to the class.

I will cover some of the highlights of the assigned chapters using PowerPoint® slides and some material not covered in the textbook. I will expect you to ask questions or answer mine during this discussion. I prefer a discussion format and prefer not to lecture for the entire class period. We will work problems of a type similar to those you will be asked to solve on the exams. I will try to intersperse some personal experiences into each class.

**Resources:**

There is no lab associated with this course. I will be available during office hours and by appointment to assist you. Please come by to discuss the concepts that are causing you difficulty. However, I will want to see your homework binder. I am willing to work as hard assisting you as you are willing to help yourself. Don’t wait until after a disappointing exam or assignment to ask for assistance.

**Evaluation:**

<table>
<thead>
<tr>
<th>Exam</th>
<th>Points</th>
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<tbody>
<tr>
<td>Exam 1</td>
<td>100</td>
</tr>
<tr>
<td>Article Presentations</td>
<td>100</td>
</tr>
<tr>
<td>Project</td>
<td>100</td>
</tr>
<tr>
<td>Exam 2</td>
<td>100</td>
</tr>
<tr>
<td>Total</td>
<td>400</td>
</tr>
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</table>

The grade in the course will be determined from these points as follows:

- A = 360 – 400
- B = 320 – 359
- C = 280 – 319
- D = 240 – 279
- F = 0 – 239

**Examinations**

The examinations will contain problem exercises, questions involving concepts and terminology, and questions requiring analysis and decision-making. You should expect any type of question format except true/false.
Each student must provide their own Scantron form for the exam. Both the exam booklet and the Scantron form must be turned in at the conclusion of the exam. The exam may not be taken early and is considered missed if the student arrives after the first student completes the exam and leaves the classroom. A more difficult makeup exam will be prepared for those who miss the exam. Electronic calculators may be used during exams. The exam questions will be taken from assigned readings and lecture material. It is unlikely that the grading scale or any grade component will be adjusted (curving).

Cheating is an unpleasant subject. I expect students to have done the work themselves that they turn in. I have a zero tolerance policy for cheating. My policy is simple, cheat and fail the course. Cheating is not limited to the examinations. It also includes taking credit for thoughts in your paper that are not your own and not attributing them to the proper source. An example is copying information about a company from their web site and putting it into your project paper.

**Article Presentations:**
Students will be assigned to groups of 3-5 students. Groups will be assigned articles to present to the class. An article presentation schedule is provided. Each group will present their assigned cases using PowerPoint slides. Details regarding the format of the presentations will be provided separately.

**Projects:**
Students will have a choice of either writing a research paper on a logistics topic or developing a software program to solve a certain class of logistics problems. Research paper topics and logistics software projects must be approved by the instructor October 3, 2005. Projects must be submitted to the instructor by November 14, 2005.
Details regarding these two project options will be provided separately.

**Class Cancellation:**
In the event that I am unable to attend class or the University is closed unexpectedly, assume the material will be moved forward to the next meeting.

**Special Needs:**
Students with special needs should see me at the BEGINNING of the term and make known any accommodations that are required.

**Class Conduct:**
Disruptive behavior includes but is not limited to, side conversations between two or more students during lecture, unnecessary comments that add no value to class, and any activities that negatively impact the ability of other students to learn and/or listen in
class. Disruptive behavior will NOT BE TOLERATED. I reserve the right to make changes to the syllabus as necessary to meet course requirements. Any changes will be announced in class. It is the student's responsibility to adjust to these changes.

Topics Covered:
We will attempt to cover all chapters in the text sequentially, as depicted in the following tentative course schedule. I will advise you in advance in class and on the web page of any changes to this tentative schedule. You should make every attempt to stay up with the lectures and homework.

Homework Exercises:
As assigned below! You are expected to have homework completed before the class period and be prepared to present your solution in class. Homework assignments may be done within the group.
## Tentative Course Schedule

(Schedule may be adjusted during the semester. Changes will be announced in class. Students are responsible for being aware of any adjustments. A schedule of article presentations is attached)

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Reading</th>
<th>Problems</th>
</tr>
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<tbody>
<tr>
<td>August 22, 2005</td>
<td>Introduction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>August 29, 2005</td>
<td>Strategy Logistics Product</td>
<td>Ballou 1, 2 &amp; 3</td>
<td>B1: 12</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>B2: 13</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>B3: 3, 6, 10, 11, 12, 13, &amp; 14</td>
</tr>
<tr>
<td>September 5, 2005</td>
<td>Logistic Modeling</td>
<td>handout</td>
<td>Handout assignment</td>
</tr>
<tr>
<td>September 12, 2005</td>
<td>Logistics Customer Service</td>
<td>Ballou 4</td>
<td>B4: 6, 8, 9, &amp; 10</td>
</tr>
<tr>
<td>September 19, 2005</td>
<td>Order Processing &amp; Information Systems</td>
<td>Ballou 5 &amp; 6</td>
<td>B6: 14, 15, 16, &amp; 21</td>
</tr>
<tr>
<td>September 26, 2005</td>
<td>Transport Decisions</td>
<td>Ballou 7</td>
<td>B7: 1, 3, 4 (formulate), &amp; 6</td>
</tr>
<tr>
<td>October 3, 2005</td>
<td>Exam 1/ Forecasting Logistics Requirements</td>
<td>Ballou 8</td>
<td>All Material Covered to Date</td>
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<tr>
<td>October 10, 2005</td>
<td>Forecasting Logistics Requirements</td>
<td>Ballou 8</td>
<td>Handout</td>
</tr>
<tr>
<td>October 17, 2005</td>
<td>Inventory Policy Decisions</td>
<td>Ballou 9</td>
<td>B9: 4, 9, 12, 14, 18, &amp; 20</td>
</tr>
<tr>
<td>October 24, 2005</td>
<td>Purchasing &amp; Supply Scheduling Decisions</td>
<td>Ballou 10</td>
<td>B10: 7, 8, &amp; 9 (formulate only)</td>
</tr>
<tr>
<td>October 31, 2005</td>
<td>Storage &amp; Handling System &amp; Decisions</td>
<td>Ballou 11 &amp; 12</td>
<td>B12: 2, 4, 6, &amp; 10 (formulate only)</td>
</tr>
<tr>
<td>Date</td>
<td>Topic</td>
<td>Book</td>
<td>Notes</td>
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<tr>
<td>November 7, 2005</td>
<td>Facility Location Decisions</td>
<td>Ballou 13</td>
<td>B13: 1 (a,b), 3 (a,b), 4 (formulate only), 5 (formulate only), 6 (formulate only)</td>
</tr>
<tr>
<td>November 14, 2005</td>
<td>Network Planning Process</td>
<td>Ballou 14</td>
<td>B14: 3 (a, b, c), 4 (a,b,c,d), &amp; 5</td>
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<tr>
<td>November 21, 2005</td>
<td>Logistics Organization Audit &amp; Control</td>
<td>Ballou 15 &amp; 16</td>
<td>None</td>
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<tr>
<td>November 28, 2005</td>
<td>Review/Presentations</td>
<td></td>
<td></td>
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<tr>
<td>Final Exam Date</td>
<td>Exam 2</td>
<td></td>
<td>Comprehensive</td>
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UNIVERSITY POLICIES

ATTENDANCE AND DROP POLICY:

Students are required to read and be prepared to discuss the assigned textbook chapters and workbook exercises on the scheduled class days.

Class attendance and lateness policies will be discussed during the first week of class. Those policies include by reference all provision for grade adjustment or drop policies included in the applicable Graduate or Undergraduate Catalog in effect at the start of the semester. **NO STUDENT WILL BE DROPPED FROM THE CLASS ROLLS FOR NEVER ATTENDING OR EXCESSIVE ABSENCES.**

A student dropping a course after the Census Date but on or before the appropriate final drop date will receive a grade of “W” *only* if at the time of dropping, the student is passing the course (has a grade of A, B, C, or D); otherwise an F will be received.

ACADEMIC DISHONESTY:

All students are expected to pursue their scholastic careers with honesty and integrity.

It is the philosophy of this Department, this instructor and the University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

“Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, or any act designed to give unfair advantage to a student or the attempt to commit such acts.” Regents *Rules and Regulations*, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22.

Institutional procedures regarding charges of academic dishonesty are outlined in Part II, Chapter 2, of the *Handbook of Operating Procedures of The University of Texas at Arlington*. Copies of the Handbook are available at more than 75 locations on campus, including the Student Congress office, the Library, and the Accounting Department Office (Davis Hall).

GRADE GRIEVANCES: The procedure in the 1997 catalog is the following: “The student has one calendar year from the date the grade is assigned to initiate the grievance. The normal academic channels are the department chair or program director, academic dean, and the Provost....”

AMERICANS WITH DISABILITIES ACT (ADA):

The University of Texas at Arlington is on record as being committed to both the spirit and letter of the ADA to make reasonable adjustments in the classroom necessary to eliminate discrimination on the basis of disability. Students should meet with the Instructor during the first week of class to discuss their special needs and advise the instructor of any special needs, abilities or limitations and to discuss the instructor’s expectations in class participation, performance and work standards. Any disclosure by the students of their need for accommodations is recognized to be extremely sensitive and all conversations and other
communications will be kept protected and confidential and disclosed on a need-to-know basis only.

Students are responsible for contacting and consulting with the University’s Office for Students with Disabilities prior to contacting the instructor about any disabilities. The student should provide the instructor with some form of written documentation of the disability from an acceptable, external sources (such as a doctor, psychiatrist, etc.) and from the Office for Students with Disabilities.

ABSENCES BASED ON RELIGIOUS BELIEFS: A student who misses an examination, work assignment, or other project due to the observance of a religious holy day will be given the opportunity to complete the work missed within 15 days following the due date of the assignment, test, or other project missed. To be eligible for such a make-up, the student must notify me in writing of classes scheduled on dates he or she will be absent to observe a religious holy day. Notification must be made within the first 15 (fifteen) class days through either a written correspondence, personal delivered, acknowledged and dated by me or written correspondence sent certified mail, return receipt requested to me. Failure to follow the rules provided above within the time frames listed will result in the absence being considered unexcused.

BOMB THREATS: Effective April 8, 1997, the College of Business Administration has adopted a policy to deal with the classroom disruption caused by bomb threats in the building. (A) Section 22.07 of the Texas Criminal Law Statutes governs terrorist threats and classifies bombs threats as Class A misdemeanors. Section 12.21 of the Texas Criminal Law Statues states that a Class A misdemeanor is punishable by (1) a fine not to exceed $4,000, (2) a jail term of not more than one year, or (3) both such a fine and confinement. (B) If anyone is tempted to call in a bomb threat, be aware that UTA will soon have technology to trace phone calls. (C) Every effort will be made to avoid cancellation of presentation/tests caused by bomb threats to the Business Building. Unannounced alternate sites will be available for these classes. If a student who has a class with a scheduled test or presentation arrives and the building has been closed due to a bomb threat, the student should immediately check for the alternate class site notice which will be posted on/near the main doors on the south side of the Business Building. If the bomb threat is received while class is in session, your instructor will ask you to leave the building and reconvene at another location. (D) Students who provide information leading to the successful prosecution of anyone making a bomb threat will receive one semester’s free parking I the Maverick Garage across from the Business Building. UTA’s CrimeStoppers will provide a reward to anyone providing information leading to an arrest. To make an anonymous report, call 817-272-5245.

The University of Texas at Arlington supports a variety of student success programs to help you connect with the University and achieve academic success. They include learning assistance, developmental education, advising and mentoring, admission and transition, and federally funded programs. Students requiring assistance academically, personally, or socially should contact the Office of Student Success Programs at 817-272-6107 for more information and appropriate referrals.
TO: College of Business Administration  
   Faculty and Staff  

FROM: David Gray  
   Associate Dean of Business  

SUBJECT: Fire Evacuation Procedures  

MEMORANDUM  

Evacuation Procedures  

In the event of an evacuation of the College of Business building, when the fire alarm sounds, everyone must leave the building by the stairs. With the fire alarm system we now have, the elevators will all go to the first floor and stay there until the system is turned off.

All those in the North tower side of the building should proceed to the fire escape stairs located on the East and West sides of that wing.

FOR DISABLED PERSONS.....please go to the Northeast fire stairs. We have an evacu track chair located on the 6th floor stairwell. We have people trained in the use of this chair and there will be someone that will go to the 6th floor to get the chair and bring it to any lower floor stairwell to assist disabled persons.

Should this be a real emergency, the Arlington Fire Department and UTA Police will also be here to help.
Faculty members.....at the start of every semester, please notify the Dean’s Office if you have a disabled person in your class and provide his/her name to Joyce Breen. Information about evacuation procedures should be provided in course syllabi.

Dr. Buzz Hensel, Department Safety Liaison
Joyce Newbrough Breen, Department Safety Liaison
Evacu Chair Trainees
Dr. David Gray
Dr. Mike West
Beverly Antilley
Teresa Phillips