The University of Texas at Tyler

College of Business and Technology
Department of Human Resource Development and Technology

Syllabus

Course: TECH 5306
Title: Advanced Logistics
Section: 01
Semester: Spring 2011
Class Time: TR 6:00PM-8:40PM

Instructor: Dominick E. Fazarro, Ph.D.
Office: 242
Office Hours: M 9-10am 2-5pm; W 4-5pm
Phone: 903.565.5911
Email: dfazarro@uttyler.edu

Course Content:
This course is designed to provide students a practical perspective of logistics in the areas of: distribution, planning, procurement, inventory decisions, warehousing, storage, freight transportation, and operational management. In addition, this course will provide national and international elements of how logistic operations are managed. Graduate students will engage in real-world problems brought by guest speakers, and publications in the area. Graduate students will work in teams to analyze customer, supplier, and inventory data to recommend a warehouse layout, transportation system, and carriers. This course is designed for industry professionals.

Course Learning Objectives:
These are the objectives for this course:

- To build a working understanding of logistics principles and to expose students to the language of logistics
- To understand current challenges faced by supply chain professionals and to provide a basis for thinking through these challenges
- To understand the undertaken planning framework for the management of material, service, information and capital flows. It includes the increasingly complex information, communication, and control systems required in today’s business environment.

Student Learning Outcomes

At the end of the course, students learning outcomes should be aligned with the Industrial Technology program outcomes:

<table>
<thead>
<tr>
<th>Program Outcomes</th>
<th>TECH 5306</th>
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<tbody>
<tr>
<td>1. An ability to apply the knowledge to practical uses of management</td>
<td>X</td>
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<tr>
<td>2. An ability to plan and assess problems to determine viable solutions</td>
<td>X</td>
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<tr>
<td>3. An ability to design a system, component, or process to meet desired needs.</td>
<td>X</td>
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<td>4. An ability to use communication and writing skills</td>
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<tr>
<td>5. An understanding of professional and ethical responsibility</td>
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</table>
6. An ability to communicate effectively.  
7. An awareness of the impact of engineering and technology solutions in a global and societal context.  
8. An awareness and commitment for lifelong learning.  

Course Competencies

- Communication skills: Each student will be able to effectively communicate orally along with written reports describing the operations and techniques needed for plant layout.
- Interpersonal skills: Each student will engage in cooperative learning for building working relationship within the groups.
- Problem-Solving: Each student will gather and use critical-thinking skills to develop a facility plan for maximum production and efficiency.
- Change-building skills: Each student will engage in how to incorporate change when necessary for survivability and become less dependent on being in the “complacent mode”.

Assignments

- Calculations for operation efficiency
- Internet (Research) Assignments
- Assigned reading materials
- Midterm
- Final project

Learning-Management

Students will be able to view announcements, course progress, and retrieve some assignments using Blackboard™. This technology enable students to be proactive in their learning and effective communication between the student and instructor. Review of tests/midterm will be provided by TREGITY, which allows students to go online to listen to the instructor’s review of each exam.

Grading Policy and Criteria to Determine Final Course Grade:

Exploration trips, videos, and guest speakers will be supplemental to the course.

Weighted grade distributions:
- Internet (Research) Assignments (20pts) (10%) =220 points possible
- Book Assignments (30pts) (15%) =330 points possible
- Midterm (Case Study) (100 pts) (20%) =100 points possible
- Journal Entry (20pts) (10%) =260 points possible
- Final project (200pts) (45%) =200 points possible

TOTAL =1110 POINTS

Please refer to the point accumulation break down for each letter grade

A = 1110-999
B = 998-798
C = 797-557
D = 556-333
F = BELOW 333
Possible Dates of Final Exam:
May 9-13, 2011

Date to Withdraw Without Penalty:
March 30, 2011

Calendar/Schedule:

<table>
<thead>
<tr>
<th>Date</th>
<th>No.</th>
<th>Topic/Activity</th>
<th>Reading (Pgs)/Sources</th>
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<tbody>
<tr>
<td>1/19</td>
<td>1</td>
<td>Orientation/Part 1-Concepts of Logistics and Distribution</td>
<td>3-62</td>
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<tr>
<td>1/26</td>
<td>2</td>
<td>Part 1-Concepts of Logistics and Distribution</td>
<td>3-62</td>
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<td></td>
<td>Assignment</td>
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<tr>
<td>2/2</td>
<td>3</td>
<td>Part 2- Planning for Logistics</td>
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<td>POSSIBLE GUEST SPEAKER</td>
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<tr>
<td>2/9</td>
<td>4</td>
<td>Part 2- Planning for Logistics</td>
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<td>Assignment</td>
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<tr>
<td>2/16</td>
<td>5</td>
<td>Part 3-Procurement and Inventory Decisions</td>
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<td>POSSIBLE GUEST SPEAKER</td>
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<tr>
<td>2/23</td>
<td>6</td>
<td>Part 3-Procurement and Inventory Decisions</td>
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<td>Assignment</td>
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<tr>
<td>3/2</td>
<td>7</td>
<td>FINAL PROJECT REQUIREMENTS &amp; ESTABLISHING GROUPS</td>
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<tr>
<td>3/7-11</td>
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<td>SPRING BREAK</td>
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<td>3/16</td>
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<td>MID TERM PROJECT</td>
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<tr>
<td>3/23</td>
<td>8</td>
<td>Part 4-Warehousing and Storage</td>
<td>225-317</td>
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<tr>
<td>3/30</td>
<td>9</td>
<td>Part 4-Warehousing and Storage</td>
<td>225-317</td>
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<td>Assignment</td>
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<tr>
<td>4/6</td>
<td>10</td>
<td>Part 5-Freight and Transportation</td>
<td>331-435</td>
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<tr>
<td>4/13</td>
<td>11</td>
<td>Part 5-Freight and Transportation</td>
<td>331-435</td>
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<td>Assignment</td>
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<tr>
<td>4/20</td>
<td>12</td>
<td>Part 6-Operation Management</td>
<td>465-585</td>
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<td>POSSIBLE GUEST SPEAKER</td>
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<tr>
<td>4/27</td>
<td>13</td>
<td>Part 6-Operation Management</td>
<td>465-585</td>
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<td>Assignment</td>
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<tr>
<td>5/4</td>
<td>14</td>
<td>FINAL PROJECT WORK TIME</td>
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<td>5/9-13</td>
<td>15</td>
<td>FINAL PRESENTATION (date will be posted)</td>
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Using Blackboard for Turning in Assignments
Blackboard will be the tool for communication and turning in assignments. ALL ASSIGNMENT MUST BE TURNED IN USING BLACKBOARD. Folders will be created for each assignment to attach your assignments. Each assignment will have a due date. IF YOU DO NOT MEET THE DUE DATE FOR THE ASSIGNMENT, THE FOLDER WILL DEACTIVATE. THEREFORE, YOU WILL NOT BE ABLE TO TURN YOU ASSIGNMENT. YOU WILL NOT RECEIVE CREDIT. The only exception to turn in an assignment after the due date is if you are ill (with a written excuse) or technical difficulties. IT IS YOUR REPSONSIIBILITY TO COMMUNICATE WITH TECHNICAL SERVICES TO RESOLVE YOU BLACKBOARD MALFUNCTIONS.
Attendance and Make-Up Policy:

Attendance is expected in this course in order to achieve maximum learning for all participants. Unforeseen circumstances do sometimes arise, so periodic absences may occur. If you find that you must miss a class meeting, please contact the instructor prior to the start of class. Please be on time. If you must arrive late, let the instructor know prior to the start of class. Laptops are permitted but the wireless internet card must be disabled during the class. Also, cell phones must be turned off and put away during class.

If a student is sick or have a death in the immediate family, the instructor will discuss the arrangements for turning in make-up work. The student must have written proof too make up an assignment or exam.

Writing Assistance
Each student is entitled to free writing assistance in the Writing Center. Students who take advantage of this service will receive five extra points on essay grades if they take their drafts to the Writing Center. The student must provide documentation that he or she received assistance in the Center. An appointment is strongly advised.

Required Textbook

Required Activities Scheduled Outside of Regularly-Scheduled Class time (fees, tickets, procedures and/or forms required):
There will be one exploration trip for the semester. More information will be provided once the course begins.

Department Website: www.uttyler.edu/hrdt

Students Rights and Responsibilities
To know and understand the policies that affect your rights and responsibilities as a student at UT Tyler, please follow this link: http://www.uttyler.edu/wellness/StudentRightsandResponsibilities.html

Grade Replacement/Forgiveness
If you are repeating this course for a grade replacement, you must file an intent to receive grade forgiveness with the registrar by the 12th day of class. Failure to do so will result in both the original and repeated grade being used to calculate your overall grade point average. Undergraduates will receive grade forgiveness (grade replacement) for only three course repeats; graduates, for two course repeats during his/her career at UT Tyler.

State-Mandated Course Drop Policy
Texas law prohibits a student who began college for the first time in Fall 2007 or thereafter from dropping more than six courses during their entire undergraduate career. This includes courses dropped at another 2-year or 4-year Texas public college or university. For purposes of this rule, a dropped course is any course that is dropped after the 12th day of class (See Schedule of Classes for the specific date). Exceptions to the 6-drop rule may be found in the catalog. Petitions for exemptions must be submitted to the Registrar's Office and must be accompanied by documentation of the extenuating circumstance. Please contact the Registrar's Office if you have any questions.

Disability Services
In accordance with federal law, a student requesting accommodation must provide documentation of his/her disability to the Disability Support Services counselor. If you have a disability, including a learning disability, for which you request an accommodation, please contact Ida MacDonald in the Disability Support Services office in UC 282, or call (903) 566-7079.
Student Absence due to Religious Observance
Students who anticipate being absent from class due to a religious observance are requested to inform the instructor of such absences by the second class meeting of the semester.

Student Absence for University-Sponsored Events and Activities
If you intend to be absent for a university-sponsored event or activity, you (or the event sponsor) must notify the instructor at least two weeks prior to the date of the planned absence. At that time the instructor will set a date and time when make-up assignments will be completed.

Social Security and FERPA Statement:
It is the policy of The University of Texas at Tyler to protect the confidential nature of social security numbers. The University has changed its computer programming so that all students have an identification number. The electronic transmission of grades (e.g., via e-mail) risks violation of the Family Educational Rights and Privacy Act; grades will not be transmitted electronically.

Emergency Exits and Evacuation:
Everyone is required to exit the building when a fire alarm goes off. Follow your instructor’s directions regarding the appropriate exit. If you require assistance during an evacuation, inform your instructor in the first week of class. Do not re-enter the building unless given permission by University Police, Fire department, or Fire Prevention Services.

Expected Classroom Etiquette
The University of Texas at Tyler is committed to promoting a level of classroom etiquette that is conducive to maximum teaching and learning. Therefore, the following etiquette is expected of students:

1. Attend class each time the class meets.
2. Be on time for class and remain for the entire period. Students are inconsiderate of their classmates when they arrive late and leave early.
3. Refrain from talking while the teacher or another student is lecturing. Idle chattering and giggling are disruptive to the class and disrespectful to the teacher and classmates.
4. Without prior approval from the instructor, students are not allowed to use cell-phones, devices with earphones in class. Be attentive and participate in class.
5. Refrain from eating and drinking in the classroom.