COURSE SYLLABUS

I. GENERAL INFORMATION
   COURSE TITLE: Logistics of Transportation Systems
   CODE AND NUMBER: BADM-6290
   CREDITS: Three (3)

II. DESCRIPTION
   Fundamentals of terrestrial, aerial and marine systems of transportation management. Analysis of the economy, intermodal strategies, documentation, regulations and operation of transportation systems. Study of distribution systems of the supply chain, transportation of dangerous materials, safety and the operation of airports and seaports.

III. OBJECTIVES
   1. Know the principles and elements of Purchasing and Supply Chain Management.
   2. The Student should understand the principles of terrestrial, aerial and maritime commerce principles.
   3. The Student should understand the principles of intermodal transportation strategies.
   4. The Student should understand the important of assessing risk associated with Transportation and the Supply Chain.
   5. The Student should understand the importance of transportation documentation and regulations associated with Transportation and Supply Chain Management.
   6. The Student should know the importance and utilization of Letters of Credit and the various types of Letters of Credit used.
   7. The Student should know the importance and use of Incoterm.
   8. The Student should know the principals involved in deliveries.
9. The Student should know the principles of cost management and price determination.

10. The Student should know the importance of Supplier Evaluation and Supplier Relations.

11. The Student should know the importance of the Legal and Ethical elements.

12. The Student should link the Transportation and Supply Chain Management to Operations Management.

IV. COURSE CONTENT

1) 21st Transportation and Century Supply Chain
2) Logistics
3) Customer Relationship Management
4) Procurement
5) Manufacturing
6) Integrated Operations Planning
7) Inventory
8) Transportation Infrastructure
9) Warehousing
10) Packaging and Handling
11) Global Supply Chains
12) Network Design
13) Operations Analysis
14) Collaboration
15) Performance Measurement
16) Risk and Sustainability
17) Letters of Credit
18) Incoterms

V. ACTIVITIES

A. Lectures
B. Case Studies
C. Supplementary readings
D. Internet searches
E. Audiovisual Support: PowerPoint presentations, videos
F. Presentation and discussion of relevant academic journal or trade journal articles
VI. EVALUATION

Required activities to achieve course objective should include various pedagogical activities such as, homework, presentations, short quizzes, partial examinations and interactive participation. It is highly recommended the utilization of the Blackboard platform as a support system for the course. Assessment techniques should be applied at professor discretion.

Recommended Evaluation:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>2 Partial Examinations</td>
<td>(40%)</td>
</tr>
<tr>
<td>Homework</td>
<td>(35%)</td>
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<tr>
<td>Case studies</td>
<td>(15%)</td>
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<tr>
<td>Attendance &amp; Participation</td>
<td>(10%)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>(100%)</strong></td>
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VII. SPECIAL NOTES

A. Special Accommodations

Students who require special accommodations must request these services at the beginning of the course as soon as they notice that they need help. Students can access this service with Professor Jose Rodriguez, Coordinator of Students with Special Needs at the Guidance and Counseling Office on the first floor at Metro’s Student Center.

B. Plagiarism

Plagiarism, dishonesty, fraud and any other type of manipulation or inappropriate behavior related with academic performance are unacceptable in our institution. Disciplinary actions will be taken on students found guilty of such practice as established in Chapter V, Article 1, Section B.2 of the Student’s Rules and Regulations handbook.

Inter-American University has very strict regulations regarding plagiarism (using the ideas or words of others without giving proper credit), so it is important that you specifically read Chapter 5, Article 1, Section B.2c of the Student’ Rules and Regulations Handbook. This section clearly explains what plagiarism is. In addition, it explains the types of sanctions students are exposed to when they commit it.
C. Use of Electronic Devices

Cellular (mobile) telephones and any other electronic device that could interrupt the teaching-learning process or disrupt a milieu favorable for academic excellence will be deactivated. Critical situations will be dealt with in an appropriate manner. The use of electronic devices that permit the accessing, storing or sending of data during tests or examinations is prohibited.

VIII. RESOURCES

a) Required Textbook


b) Audiovisual and Information Technology

Campus On-line Services at - http://cai.inter.edu/

- ProQuest
- Infotrac (Database)
  - Business and Company Resource Center
  - General Business File Internacional
  - Expanded Academic ASAP

IX. BIBLIOGRAPHY


Websites

Council of Supply Chain Management
http://www.cscmp.org/

This is the largest professional organization that focuses on supply chain management. This portal contains a complete list of "glossary" for Supply Chain Management, industry news and some recent case studies.

On-line Journals

Supply Chain Link http://www.manufacturing.net/scl/

This is a portal that links with many helpful sites about logistics, ERP, manufacturing, software and technology. It gives you an online version of selected article from many sources including Supply Chain Management Review. You can download some free copies. It also provides some news from Lexis-Nexis.

Purchasing/Supply Chain
http://www.manufacturing.net/magazine/purchasing/

This site provides the online version of Purchasing. It provides some industry news about procurement, logistics and transportation issues.

Information Technology
http://www.informationweek.com/

This site provides the on-line version of the Information Week magazine. It is good for learning the latest ERP/IT/IS stuff related to supply chain.

Logistics http://www.inboundlogistics.com/

This site will link you up with the relevant sites. A pretty good resource if you are getting into the logistics issues.

The McKinsey Quarterly
http://www.mckinseyquarterly.com/home.aspx

Under the “Functions” tab, you can access to many global supply chain studies in the “operations” area. Free registration.

Associations related to Purchasing and Supply Chain Management
APICS – http://www.apics.org
American Purchasing Society – http://american-purchasing.com
National Association of PM – http://www.napm-md.org
The Magazine of Procurement & Supply Management Best Practices
http://www.purchasing.com

International Chamber of Commerce
Incoterms

Excellent site for reviewing Incoterms

International Trade Organization

Site explaining the Letter of Credit

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