

**INTERAMERICAN UNIVERSITY OF PUERTO RICO
METROPOLITAN CAMPUS
SCHOOL OF MANAGEMENT
FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES
MBA PROGRAM**

I. GENERAL INFORMATION

Course Title	: Logistics of Transportation Systems
Course Code	: BADM 6290
Credits	: 3 credits
Term	: 201013
Professor	: Jose Rodrigo Pons
Office Hours	:
Telephone Number	:
E-MAIL Address	: jrodrigo@metro.inter.edu

II. Course Description:

Fundamentals of terrestrial, aerial and maritime transportation systems 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

It is expected that upon completing the course, the student will be able to:

1. Communicate the students' techniques, protocols, tools to carry out an analysis of transportation and distribution in the supply chain systems.
2. Train the learners for decision making on optimization and effectiveness of strategies used in transportation and logistics systems.

IV. CONTENT

- A. Introduction to logistics and distribution process
 - 1) Distribution channels.
 - 2) Interaction of logistics and critical challenges.
 - 3) Logistics processes.
 - 4) Storage principles.
 - 5) Material handling systems.
 - 6) Transportation of goods.
 - 7) Transportation of Intermodal.
 - 8) Logistics management.

- B. Selection and transportation systems costs
 - Legislation that affect transportation.
 - Safety aspects in distribution.
 - Operation of airports and maritime ports.

V. ACTIVITIES

Conferences by Professor / facilitator.
Slides in PowerPoint.
Teamwork.
Movies or video.
Presentations: Individual and group projects.
Demonstrations and practice exercises (mappings).
Analysis of cases.
Internet search.
Simulations.

VI. EVALUATION	POINTS	%
Partial Test (3)	150 points	44%
Class Participation	50 points	14%
Project Proposal	50 points	14%
Final Project	50 points	14%
Final Test	50 points	14%
	350 points	

Ratings will be based on the following scale:

100-90	A
89-80	B
79-70	C
69- 0	F

VII. SPECIAL NOTES

A. Special Accomodations

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.

<http://metro.inter.edu/servicios/documentos/reglamentosestudiantes2006.pdf>

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

Test Book:

Rushton, Alan; Croucher, Phil; Baker, Peter the Handbook of Logistics and Distribution Management, Kogan Page Limited, Third Edition, 2006.

Electronic Sites:

Infotrac - <http://infotrac.galegroup.com/itweb/metropolitano>

ProQuest Direct - <http://www.umi.com/pqdweb>

IX. BIBLIOGRAPHY

Bowersox, Donald; Class, David; Cooper M. Bixby Supply Chain Logistic Management, McGraw-Hill, 2002.

Obal, Philip Glossary of Supply Chain Terminology: A Dictionary on Technology, Logistics, Transportation, Industrial Data & Information, Inc. 2004.

