



ADMI 6510. Decision Making

First Semester 2015-16

Note:

This document serves as a complement to the course “prontuario”. This document provides complementary information particular to this semester. The prontuario is available at http://business.uprrp.edu/e/mp/MBA_Syllabus.html

I. COURSE INSTRUCTORS

This course is taught by two co-instructors: Aniel Nieves Gonzales (aniel.nieves@upr.edu); Alex Ruiz Torres (alex.ruiztorres@upr.edu)

II. COURSE SCHEDULE

Aug 18	<ul style="list-style-type: none"> • Introduction to Management Information Systems; • The Challenges of Managing Information Systems and Technology
Aug 25	<ul style="list-style-type: none"> • Strategic Information Systems Plan - IT Strategy and Organization Strategy • Achieving Competitive Advantage with IT/IS - The Value of Information Systems and Information Technology
Sep 1	<ul style="list-style-type: none"> • IT Infrastructure and Platforms, Strategic View: IT Governance • Information Systems in Global Business Today - How Business Use Information Technology • Enterprise Systems
Sep 8	<ul style="list-style-type: none"> • Foundations of Business Intelligence - Databases and Information Management; Data Warehouses, Analytics, Big Data • Knowledge Management - Enhancing Decision Making
Sep 15	<ul style="list-style-type: none"> • Electronic Commerce & Enterprise Applications: Global E-Business - How Businesses Use Information Systems for E-Commerce • Mobile Applications • Collaboration & Social Networks
Sep 22	<ul style="list-style-type: none"> • Building IS - Information Technology Acquisition, Vendor Relationships and Contract Negotiation, Information Asset Controls, IT Outsourcing, Cloud Computing, SAAS
Sep 29	<ul style="list-style-type: none"> • Organization and IT Security Management Processes, Data Center Management, Business Continuity Planning
Oct 6	Monday classes meet
Oct 13	TEST 1
Oct 20	<ul style="list-style-type: none"> • Types of quantitative models and information requirements. • Forecasting Models
Oct 27	<ul style="list-style-type: none"> • Decision Theory Models
Nov 3	<ul style="list-style-type: none"> • Introduction to Mathematical Programming (MP) • Operations management applications of MP
Nov 10	<ul style="list-style-type: none"> • Marketing planning applications of MP
Nov 17	<ul style="list-style-type: none"> • Resource planning applications of MP • Financial and Capital Budgeting applications of MP
Nov 24	No classes (Thanksgiving week)
Dec 1	<ul style="list-style-type: none"> • Introduction to simulation modeling • Simulation based decision support systems
Dec 8	<ul style="list-style-type: none"> • Simulation based decision support systems
Dec 15	TEST 2

Dates/topics are tentative and subject to change.

III. INSTRUCTIONAL STRATEGY (Teaching Methodology):

- Conferences (professor, students, guest lecturers)
- Individual and group exercises

IV. EVALUATION STRATEGY:

EVALUATION STRATEGY	FINAL GRADE WEIGHT
Exams	60%
Quizzes/ Homework/Mini-Projects/Short Cases/ In-class participation (MTJ "sessions")	20%
Quizzes/ Homework/Mini-Projects/Short Cases/ In-class participation (ART "sessions")	20%