



Syllabus

PROJECT MANAGEMENT

PROFESSOR: Luis J. Garavito

1. COURSE CONTENT/GOALS:

- Companies regularly use project management to achieve optimum results through the use of limited resources and under critical time constraints. In the services sector, the use of project management to achieve the objectives of an organization is quite common. Advertising campaigns, political campaigns, family vacations planning or even a project management course, like this one, are organized as projects.
- In recent years a relatively new growth area in the use of project management is the use of projects as a way of accomplishing organizational change. Indeed, there is a rapid increase in the number of firms that use projects as the preferred way of accomplishing almost everything they undertake.
- The main objective of this course is to introduce the student to the rich world of Project Management methodologies and its application at a global scale. In a world that has become globalized, the need for leaders capable of facing challenges is growing every day. We need leaders and project managers who are capable of understanding cultural and ideological differences, are respectful of different habits than their original environments, and are able to succeed in project goals.

2. THIS MODULE INCLUDES:

Date	Content	Course units
L1	Orientation and course preview	1
T1	<ul style="list-style-type: none"> • Work and grading methodology • Introduction to Project Management • Project Management as a Process 	
L2	Part 1 – Projects: an overview	2
T2	<ul style="list-style-type: none"> • What is a Project? • The Project Environment & Ecosystem -- Essential Elements • Kinds of Projects (Examples) 	
L3	Part 2 – Predictive (Waterfall) Projects	4
T3	<ul style="list-style-type: none"> • The 6 Constraints • The Project Management Cycle • Project Management Processes (Core & Supportive) • Project Management Roles & Cultural Differences Project Management Skills 	



	<ul style="list-style-type: none"> • Project Organizational Structures 	
L4	Part 3 -- An overview of existing Project Management Methodologies	4
T4	<ul style="list-style-type: none"> • PMI's PMBOK • Prince2 • Agile / Scrum • Others 	
L 5	Part 4 – Adaptive (Agile) Projects	4
T 5	<ul style="list-style-type: none"> • Business ideas • Product (operations) vs. Project • Scrum & Agile Management <ul style="list-style-type: none"> ○ The process ○ Roles ○ Phases ○ Results validation 	
L 6	Part 5 – Risk Management	2
T6	<ul style="list-style-type: none"> • Introduction to Risk Assessment • Contingency planning • A model for adaptative Project management 	
L7	Part 6 – Project Monitoring and Control	2
T 7	<ul style="list-style-type: none"> • Building a suitable Monitoring & Control System • Mastering conflict • On collaborative behaviour • The role of communication • Troubleshooting (common practices) 	
L 8	Part 7 – Useful Implementation Tools	2
T 8	<ul style="list-style-type: none"> • An overview of useful techniques and tools used in Project Management 	

3. CORE LITERATURE:

Lecture materials will be posted in the *Aula Virtual*

Some reading material will be assigned based on professor's selection

4. GRADING:

60% Final Exam

20% Quizzes – Continuous evaluation

20% Class Participation – Continuous evaluation