

COURSE CODE	EM054M8AA1 - EM054M8AB1	CREDITS	-
LEVEL	PGE – 2A MANAGEMENT GENERAL AVANCE (MGA)	CONTACT HOURS	27 HOURS ONLINE BECAUSE OF LOCKDOWN (CODID19)
CONTEXT	PROJECT MANAGEMENT		
TITLE	LOGISTICS PROJECT MANAGEMENT		

PRE-REQUISITES Fundamentals in logistics, Supply, and enterprises organizations

COURSE DESCRIPTION : This course aims to provide students with the main techniques and practical skills for controlling, planning, tracking, and evaluating projects in logistics.

COURSE OVERVIEW This course delves into the skills commonly found in today's modern management of logistic structures. The experience will not be limited to theoretical concepts but extends to real-world challenging case studies to provide hands-on practical experience in apprehending methodologies and solutions.

INTENDED OUTCOMES Upon successful completion of this course, students will be able to:

- Understand projects processes and main pillars of management,
- Analyze and discover the various methodologies improved by companies to deliver the adequate process of managing logistics projects,
- Research and use the concepts and trends underlying current and future methods in project management area,
- Appraise management processes and methods able to facilitate logistics management,
- Control, plan, track, and evaluate projects related to logistics.

EXAM ORGANIZATION

Practical Part (Case Studies and Mini-Project) (PCS): 30%

In this part, you have two types of practical works that are included in the exam:

1. **Case studies:** Practical home-works for a given topic (by groups or individually) for a duration evaluated to 3 hours each case study.
The case study's preparation is planned during an online session after a series of 2 online sessions (2 case studies are scheduled for this course).
2. **Tests QCM:** Automated tests in Moodle (Quiz) or through my website. At the end of each online session. 2 attempts are allowed for each test.

Theoretical Part (Written Exam) (TWE): 70%

Written exam with supervision in class or online. Duration of 120 minutes (last session). Theoretical and practical questions of real-world problems and case studies to resolve. Individual effort is required.

Final score = (1/3 x PCS + 2/3 TWE)
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EXAM ORGANIZATION**I. General Project Management****1.1. Project****1.2. Management****1.3. Managing a Project**

- Definition
- Etymology
- History
- PDCA
- Iron Triangle QCT
- Risk Management
- Resource Management
- Communication Management
- Procurement Management
- Integration Management
- Technical Flow Chart
- Life Cycle
- Planning
- Controlling
- Reporting
- Intellectual property
- Cost Analysis
- Dashboard
- Management tools
- Maintenance Management
- Project Manager

II. Logistics and Management**2.1. Logistics Characteristics****2.2. Logistics Network Design:**

- Distribution Design and Impact
- Warehouse Design and Impact

2.3. Logistics Processes Improvement**2.4. Logistics Turnarounds Optimization****2.5. Logistics Outsourcing****2.6. Process Plant Management****2.7. Project Expansion Decision****2.8. Changes Management****2.9. Customer Management****2.10. Supplier Management****2.11. Disaster Management**