

Logistics management project (EM054M8AB1)

Program	PGE
Course set (UE) / Credits (ECTS) / Track / Specialization	Module :Logistics project management : 5 ECTS. ● MGA
Discipline	Supply Chain Management
Year	2020
Semester	B
Open for visitors	no
Available spots	50

Coordinator

SAMIA CHEHBI GAMOURA

Lecturers

Instructor	Population	Email
SAMIA CHEHBI GAMOURA	Population	samia.gamoura@em-strasbourg.eu

Course format

Working language :	English
Volume of contact hours :	27 h
Workload to be expected by the student :	108 h

Course track

Track : Attendance

Attendance track :

Attendance at lectures/tutorials and intermediate/final assessments is mandatory. As in-class work constitutes an essential element of evaluation, any unjustified absence will be penalized (*see Study and Examination Regulations*) and factored into the final grade (*see Assessment*).

Autonomous track :

Attendance at intermediate/final assessments is mandatory, but students have the option of attending lectures/tutorials.

Attendance at lectures/tutorials and intermediate/final assessments is mandatory for all degrees making up the Master's Program and all degrees involving co-op (*apprentissage*). Attendance track must therefore be selected.

Contribution of the course to the educational objectives of the program

How the course contributes to the program :

LEARNING GOAL 1 : Students will master state-of-the-art knowledge and tools in management fields in general, as well as in areas specific to the specialized field of management.

Students will identify a business organization's operational and managerial challenges in a complex and evolving environment.

Students will understand state-of-the-art management concepts and tools and use them appropriately.

Students will implement appropriate methodologies to develop appropriate solutions for business issues.

LEARNING GOAL 2 : Students will develop advanced-level managerial skills.

Students will work collaboratively in a team.

Description

The purpose of this course is to provide students with the main techniques and practical skills for controlling, planning, tracking, and evaluating projects related to logistics.

Educational organisation

In class

Lectures

Tutorials

In groups

Exercises

Projects

Interaction

Discussions / debates

Assignments

Specific projects / case studies

Learning outcomes

Upon completion of this course, students should be able to :

- **Describe** the project processes and main pillars of management,
- **State** and use the concepts and trends underlying current and future methods in project management area,
- **Analyze** and discover the various methodologies adopted by companies to deliver the adequate methodology of managing logistics projects,
- **Develop** the tasks and plannings related to a context/issue in a project preparation process
- **Set up** the main aspects of conducting a project: tasks, time, resources, cost, procurement, etc.
- **Assess** , control, plan, track, and evaluate projects related to logistics.

Outline

General Project Management

- 1.1. Project
 - 1.1.1. Definition
 - 1.1.2. Introduction by Example
 - 1.1.3. Categories
 - 1.1.4. Types
- 1.2. Management
 - 1.2.1. Definition
 - 1.2.2. History
- 1.3. Managing a Project
 - 1.3.1. Definition
 - 1.3.2. Etymology
 - 1.3.3. History
 - 1.3.4. PDCA: Scientific Method
 - 1.3.5. Iron Triangle QCT
 - 1.3.5.1. Cost Management
 - 1.3.5.2. Time Management
 - 1.3.5.3. Quality Management
 - 1.3.6. Risk Management
 - 1.3.6.1. Unexpected Tasks
 - 1.3.7. Resource Management
 - 1.3.8. Communication Management
 - 1.3.9. Procurement Management
 - 1.3.10. Integration Management
 - 1.3.11. Technical Flow Chart
 - 1.3.12. Life Cycle
 - 1.3.13. Planning
 - Logistics Plant Visit (FM Logistic)
 - 1.3.14. Pilotage
 - 1.3.15. Reporting
 - 1.3.16. Intellectual property
 - 1.3.17. Cost Analysis
 - 1.3.18. Dash board
 - 1.3.19. Management tools
 - 1.3.20. Maintenance Management
 - 1.3.21. Project Manager

. Logistics and Management

- 2.1. Logistics Characteristics
- 2.2. Logistics Network Design:
 - 2.2.1. Distribution Design and Impact
 - 2.2.2. 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:
 - 2.7.1. Off-shoring
 - 2.7.2. Near-shoring
 - 2.7.3. On-Shoring
- 2.8. Changes Management
- 2.9. Customer Management
- 2.10. Supplier Management
- 2.11. Tender Management
- 2.12. Disaster Management

Prerequisites

Key concepts to understand :

Knowledge of :

Logistics, MS Excel
MS Project

Teaching material

Documents in all formats

- Syllabus
- Worksheets

Software

- Office Pack (Word, Excel, PowerPoint, Access)

Recommended reading

Major works :

Book: 'Project Management : Case Studies' by Harold Kerzner. John Wiley & Sons, Inc. Editions.

Book: 'Project Management Workbook: A systems approach to Planning, Scheduling, and Controlling' by Harold Kerzner. John Wiley & Sons, Inc. Editions.

Book: 'Project Management Made Easy' by Entrepreneur Press and Sid Kemp.

Book: 'L'essentiel de la Gestion de Projet' by Roger Aim. Les Carrés Editions.

Book: 'Le grand livre de la gestion de projet: Méthodologie de Structuration et de Gestion d'un Projet Industriel' by Jean-Yves Moine. Afnor Editions.

Further reading :

Web Research browsers, papers

Research works by EM Strasbourg :

- A guide to the project management body of knowledge : PMBOK® guide (Bibliothèque PEGE - EM Strasbourg)
- Project management : case studies (Bibliothèque PEGE - EM Strasbourg)

Assessment

Intermediate evaluation / continuous assessment 1 : 4

written + oral (20 min) / in group / English / weighting : 30%

additional information : Practical Part (Mini-Project & rewarding) (PCS): 30% Practical mini-project by groups. Homework of 2 weeks. Mini-project on a real-world case study based on a visit to a logistic enterprise. Preparation and defense through a presentation in class. 15min duration for the presentation and 5min for questions/answers. Proceeding by vote for evaluation.

This evaluation serves to measure LO1.1, LO1.3, LO2.1

Final assessment : last session9

written (180 min) / individual / English / weighting : 70%

additional information : Theoretical Part (Written Exam) (TWE): 70% Written exam with supervision in class. Duration of 180 minutes (last session). Theoretical and practical questions of real-world problems and case studies to resolve. Individual efforts.

This evaluation serves to measure LO1.1, LO1.2, LO1.3, LO4.2

Grounds for expulsion from classes

Behaviors such as

arriving late, leaving early, or exiting the classroom at inopportune moments during class

ostentatiously eating or drinking in class

using smartphones or laptops for non-class-related purposes

reading texts unrelated to the course

discussing topics unrelated to the course

disrespecting the lecturer

may lead to expulsion from the class/course.