

Logistics management project (EM054M8AA1)

Program	PGE
Module / ECTS / Path / Specialisation	Module :Logistics project management : 5 ECTS. <ul style="list-style-type: none">• MGA
Discipline	Supply Chain Management
Year	2019
Semester	A
Open for visitors	yes (5 ECTS)
Available places	50

Coordinator

SAMIA GAMOURA

Lecturers

Instructor	Population	Email
SAMIA GAMOURA	Population	samia.gamoura@em-strasbourg.eu
Stéphane MORNAY	Population	mornay@unistra.fr

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 lecture / tutorial classes and intermediate / final exams is mandatory. As evaluation of in class work constitutes an essential element of grading, any absence will be penalized and is taken into account for grading purposes (see academic rules and regulations).

"Autonomous" track :

Attendance at intermediate / final exams is mandatory, but students are free to attend lecture / tutorial classes.

For all Master programs and all other programs realized in the form of dual internships (apprentissage), attendance at lecture / tutorial classes and intermediate / final exams is entirely mandatory. Therefore, only the "Attendance" track can be selected.

Contribution of the course to the educational objectives of the programme

How the course contributes to the programme :

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.

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 :

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

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 Aïm. 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

Such behaviors as...

arriving late, leaving early or unannounced leaving of the classroom during class time

disruptive eating or drinking in class

using smartphones and laptops for non class-related purposes

reading non class-related documents

chatting on non class-related issues

showing disrespect towards lecturers

... may lead to expulsion from classes.