

Course guide

220683 - 220683 - Research Tools

Last modified: 19/04/2023

Unit in charge: Terrassa School of Industrial, Aerospace and Audiovisual Engineering
Teaching unit: 732 - OE - Department of Management.

Degree: MASTER'S DEGREE IN MANAGEMENT ENGINEERING (Syllabus 2012). (Optional subject).

Academic year: 2023 **ECTS Credits:** 3.0 **Languages:** English

LECTURER

Coordinating lecturer: Silvia Rodriguez Donaire

Others:

TEACHING METHODOLOGY

The teaching methodology is divided into three parts:

1. Face sessions: Work Gro up.

2. Blended Activities: practical work in groups

In the face-to-face sessions, students will learn the basic use of management tools for research through group activities. The lecturer will guide the students during the concepts application. The lecturer will encourage students' participation

It is advisable to bring a laptop to carry out classroom tasks.

In the blended activities, students will work in the same class group to carry out the proposed activities for managing tools similar to those used during the classroom sessions. These activities try to ensure the achievement of the basic use of these other tools for research.

The lecturer will provide the syllabus through Athena and invigorate the course activities. To monitor the blended activities the lecturer will use another external online platform.

LEARNING OBJECTIVES OF THE SUBJECT

- Understanding the basics of research tools applicable to projects and articles.
- Analyze and observe situations systematically and critically
- Demonstrate the ability to write academic documents with the structure of scientific publications
- Show ability to communicate verbally

STUDY LOAD

Type	Hours	Percentage
Self study	48,0	64.00
Hours large group	10,0	13.33
Guided activities	17,0	22.67

Total learning time: 75 h

CONTENTS

Management Tools for Research

Description:

Basic use of management tools for research projects or papers

Full-or-part-time: 75h

Theory classes: 10h

Guided activities: 17h

Self study : 48h

GRADING SYSTEM

The final mark of the course depends on the following assessment activities:

- Attendance, weight: 10%
- QUIZ, weight: 20%
- Group activity, weight: 40%
- In Class group activity, weight: 10%
- Individual Blended activities, weight: 20%

The unsatisfactory results of group activity will be redirected through a complementary activity to be held before the day fixed for the final exam. This complementary activity can be accessed by students with a score lower than 5.0 the act of evaluation. The rating of this activity will be through a written activity with a score between 0 and 4. The grade for the application of renewal replace the initial qualification provided that it is superior.

RESOURCES

Other resources:

- <http://www.pbworks.com/> />- <https://www.zoho.com/projects/> />- <http://www.abisource.com/> />- <http://www.latex?project.org/> />- <https://www.zotero.org/> />- <http://www.academia.edu/> />- <http://www.researchgate.net/>