

Academic Year: (2018 / 2019)

Review date: 12-04-2018

Department assigned to the subject: Business Administration Department

Coordinating teacher:

Type: Electives ECTS Credits : 6.0

Year : Semester :

DESCRIPTION OF CONTENTS: PROGRAMME

1. ¿Digital tools aiding Location and Transport decisions Decisiones de localización y transporte con soporte digital
 - Conditioning factors
 - Geographic Information systems
 - Software packages
 - Autonomous vehicles and connected cars
 - 2.- Automated inventory and warehouse management; digital layout systems Inventories and their functions
 - Digital inventory management
 - Digital tools for warehouse management
 - Software apps for layout decisions.
 - 3.¿Industrial Internet of the Things (IIOT) and Industry 4.0 : short term programming, scheduling and preventive maintenance
 - What is IIOT?
 - Types of short term programming and scheduling
 - Software tolos
 - Preventive maintenance and reliability: software apps.
 - 4.-Internet of Things and Supply Chain Pros and cons of IOTs
 - Real time information and cloud sharing
 - Negotiation power with suppliers and customers
- Costs and profits

% end-of-term-examination:	60
% of continuous assessment (assigments, laboratory, practicals...):	40