Information System_20
Guía docente 2023-24

PRESENTATION

Information Systmes gives students knowledge and discussion of practical cases of analysis of processes of implementation of management systems in different companies. The practical knowledge of a business management system will be deepened: Openbravo

ECTs: 6

Professor: Asier Zabaleta (azabaletai@external.unav.es)

Schedule: September 7th - December 1st

Courses: 3rd, 4th and Exchangin Program

Semester: 1st

Subject: Elective

Grade: International Degree of Management

Languaje: English

COMPETENCIES

Basic Competencies (Management)

BC2. Students must know how to apply their knowledge to their work or vocation in a professional way and must have the competences that are usually demostrated by means of preparing and defending arguments and solving problems within their area of study.

BC3. Students must have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include a reflection on relevant social, scientific and ethical topics.

BC4: Students must be able to transmit information, ideas, problems and solutions to specialized and general audiences.

BC5: Students must develop the learning skills required to undertake subsequent studies with a high level of independence.

General Competencies (Management)

GC1.To be familiar with different areas of the theory and/or application of economic analysis.

GC2. To identify, integrate and use the knowledge acquired to argue, discuss and solve relevant problems in economics and/or business.

GC3. To prepare professional reports and/or multimedia presentations on topics related to economics and/or business.

GC4. To use independent critical reasoning on relevant topics in economics and business.

GC5. To communicate results and analysis either orally or in writing that are useful to economics and business.

GC6. To be familiar with the different contexts in which their work is carried out: the circumstances, markets and historical, legal or human context.

GC7. To analyse the process of defining and implementing goals and/or strategies in the company.

GC8. To develop expectations, describe scenarios and make estimates using relevant information for the company.

PROGRAM

SESSION 1: September 7th 2023

Introduction to the subject.

Methodology, structuring and content of the classes.

Evaluation method

SESSION 2: September 14th 2023

Introduction to ERP's; What is an ERP? What is Openbravo? Presentation of company and business model. Objectives and benefits for the company of using an Integrated Management System. Presentation of the Etendo ERP project - https://etendo.software/es/inicio/

SESSION 3: September 21st 2023

Introduction to Openbravo-Etendo ERP (User interface, master data and configuration)

- Menu
- Windows tabs and fields
- Grid, data filtering
- Information creation+modification
- Toolbar
- Widgets
- Roles, data Access levels and configurations

SESSION 4: September 28th 2023

Introduction to an alpine products distribution company inside the ERP. Each student will manage its own company.

- Multi-company, organisation tree structure
- Multi-language, multi-currency
- Business partners and products
- Price Lilsts
- Banks and bank accounts
- General ledger ítems
- Taxes
- General ledger. Tree accounts.

SESSION 5: October 5th 2023

Procurement process. From purchase order to invoice reception.

- Purchase orders, godos receipts..
- Partial receipts, reception dates.
- Multiple receipt invoicing.
- Purchase invoice. Journal entry.
- Procurement reports. Why ? Benefits

SESSION 6: October 19th 2023

Sales Management. From sales orders to invoice creation.

- Sales order, Goods shipment.
- Products delivery, preparation and picking basics.
- Sales invoice, journal entry.
- Sales Management reports.

SESSION 7: October 26th 2023

Procurement and sales Management concepts review.

- Main concepts overview.
- Exercises. Full purchase and sales exercises of real life situations.
- Report executiong to extract meaningful information of the purchase /sales processes.

SESSION 8: November 2nd 2023

Warehouse management

- Warehouses, Storage bins.
- Product cost versus Price. Concepts.
- Goods movements between warehouses and physical inventories.
- Warehouse managament reports.

SESSION 9: November 9th 2023

Payables and receivables. Accounting basics

- Payment/collections of invoices.
  - Partial payments
- Grouped payments
- Remittances
- Pending payments. Reports overview
- General ledger, journal entries.
- Accounting reports. P&L, Balance sheet

SESSION 10: November 16th 2023

Openbravo-Etengo WebPOS. Point Of Sales (POS)

- WebPOS
  - POS concepts.
  - Transparent integration with the company ERP
  - Device independency
  - Offline functionality
- Relevant functionality.

SESSION 11: November 23rd 2023

Onmichannel.

Business Intelligence. Dashboards

- Omnichannel:
  - Call center.
  - eCommerce (magento)
  - Buy Online / home delivery
  - Buy Online / pick up in store
- Buy Online / store return
- Dashboards (PowerBI)

SESSION 12: November 30th 2023

Practical exercise for the assesment

ASSESMENT

- The student will be subject to continuous assessment during the course, assessing their participation in the discussion of the daily classes, as well as their resolution of the practical exercises on Openbravo-Etendo.
- Of the 100% of the final mark, 30% will correspond to the quality of the participation (and attendance) during the classes and the other 70% wil correspond to the resolution of the practical exercises that on the use of the Openbravo-Etendo software will be requested from the students inside a final exam.
- For the recovery, the student will be examined in a practical exercise on the use of the Openbravo-Etendo software.

OFFICE HOURS

Asier Zabaleta Ibero (azabaletai@external.unav.es)

- Dont have an specific place inside the University
- Feel free to ask for any remote/presential meeting.
- Total flexibility to meet the student at any working day, presentially or remotely.