



## Module:

# Simulations and Business Application Software

## Course:

# Business Application - SAP

## Professor in charge:

## Lecturer:

Herr Juan Carlos Andreu

## Target Group:

4<sup>th</sup> semesters

## Scope:

2 semester periods per week

## ECTS- Points:

2,0

## Workload:

Class Contact:	22,5 h
Self study/preparatory and follow-up study:	37,5 h
Total:	60,0 h

## Objectives:

- Understanding of the main SAP R/3 Architecture, their components and interrelation between each Module
- Fluent navigation through SAP tree
- Integration of the Logistics - Material management with the Finance and Controlling Modules
- Case Study

## Contents:

### Learning targets:

- Understanding of the main SAP R/3 Architecture, their components and interrelation between each Module
- Fluent navigation through SAP tree
- Integration of the Logistics - Material management with the Finance and Controlling Modules
- Case Study

### Content:

#### 1. Table of Contents

- Introduction
- Enterprise Structure
- Navigation through SAP Tree and Transaction codes
- Basic introduction to Authorization concepts and SAP Roles

- Relevant Master Data needed for SAP Processes Work instruction
2. Main Processes within the Logistics - Material Management Module
    - Material requirement planning
    - Purchase requisitions
    - Purchase orders
    - Goods Received -
    - Integration with the Finance and CO Modules
  3. Main Processes within the Sales and Distribution Modules
    - Offer
    - Sales orders
    - Good Issues
    - Integration with the Finance and CO Modules
  4. Finance- General Ledger Overview
    - General Ledger Postings
    - Analyze General Ledger Accounts – Balance Sheets
    - Main Processes within Accounts Payables, Accounts Receivables and Credit
  5. Finance Accounts Payables - Overview
    - Incoming Invoice
    - Open Items Analysis
    - Payment Run
    - Clearing Open items & Reports
    - Work instructions
  6. Finance Accounts Receivables - Overview
    - Sales Invoice Postings
    - Open Items Analysis
    - Payment received
    - Clearing Open items & Reports
    - Work Instructions
  7. Cost Center, Profit Center and Profitability Analysis Overview
    - Cost Center Accounting Overview
    - Product Costing Accounting Overview
    - Profitability Analysis
    - Work Instructions
  8. Information System Overview – Case Study
    - Financial & Controlling Reports –
    - Period End Closing main Processes-
    - Test - Case study

## Literature for reference

- Presentations and work instructions – Provided in the class
- Business Blueprint Understanding enterprise supply chain management , Thomas A. Curran, Andrew Ladd – 2<sup>nd</sup> ed.
- Finanzwesen mit SAP R/3 (neuester Aufl.) Brinkmann Zeilenger
- SAP Prozesse: Finanzwesen und Controlling (neuester Aufl.) Thomas Teufel

## Teaching Methods:

1. Presentations , working instructions, Navigation through SAP R/3 MM & SD & FICO modules –

Lecturer

2. Group work and practical case presentations- Lecture and students
3. Examination – Case Study

### **Participation and certification:**

Active participation in all classes and test with the exception of max 1 class

### **Language:**

English 100%

### **Planned Case Studies:**

### **Miscellaneous:**