

Projects

ERP Project

IDENTIFICATION

CODE : MS2I-ERP
ECTS : 3.0

HOURS

Lectures : 0.0 h
Seminars : 32.0 h
Laboratory : 0.0 h
Project : 0.0 h
Teacher-student
contact : 32.0 h
Personal work : 40.0 h
Total : 72.0 h

ASSESSMENT METHOD

individual assessment 1h
case study report
project report

TEACHING AIDS

case study student booklet
software package SAP ERP
Help online

TEACHING LANGUAGE

French

CONTACT

MME BOTTA-GENOULAZ
Valerie
valerie.botta@insa-lyon.fr
Phone : 0472436074

AIMS

This teaching takes place over the period November till April

Be operational in ERP implementation projects or ERP usage, using the following acquired knowledge :

- knowledge of the inherent logic in Enterprise Resource Planning systems (ERP) : organizational models, business process models,...
- understanding of various planning strategies,
- knowledge of SAP environment and particularly of the production planning (PP) module in discrete production environment.

OBJECTIVES:

- Mastery of an Enterprise Resource Planning (ERP) system for production planning and management;
- Consciousness raising to business process integration issues such as production planning and sales & distribution processes.

CONTENT

- Introduction and discovery of SAP ERP (structure, concepts, applications)
- Master data for production planning and sales processes: customers, materials, BOM, routings, workcenters, Cost Center,...
- Case Study : Implementation of several cross-functional business processes : sales and production planning scenarii (make to stock, assemble to order)
- Design and implementation of other scenario related to production planning (customizing)

BIBLIOGRAPHY

Tomas J.L. [2000] : ERP et progiciels intégrés. Dunod 2ème édition.
Reix R. [2002] : Systèmes d'information et management des organisations. Vuibert 2ème édition
Dunleavy J., Hurley J.R., Gibson A., Norris G., Wrigt I. [1999] : SAP/R3 Le guide du décideur. Editions Eyrolles

PRE-REQUISITE

Basics about production planning and management; theoretical knowledge about ERP systems : contents, stakes, project management

INSA LYON

Campus LyonTech La Doua

20, avenue Albert Einstein - 69621 Villeurbanne cedex - France
Phone +33 [0]4 72 43 83 83 - Fax +33 [0]4 72 43 85 00

www.insa-lyon.fr