

Supply Chain Management

This course constitutes an introduction to the management of the supply chain and how it benefits business operations and processes. The material covered in this course aims in introducing the basic concepts and principles of management of the supply chain, in presenting the role and the characteristics of its structural elements and finally in displaying its objectives.

The students will realize that it contributes to the satisfaction of customers and how important its application is for each organization. They will be familiarized with the significances as well as the natural importance of its incorporation in the enterprising operations, with the determination of alternative strategies and their correlation with the decisions, the management of changes, the location, the capacity and the material requirements in the just-in-time management approach.

They will be taught methods and algorithms for the solution of case specific models and they will learn how to interpret them as well as how the application - implementation of the model derived decision leads to the achievement of predetermined goals and objectives as well as ways of adapting the models to any changes that may occur in the existing operation conditions.