

SCM 333 : Supply Chain Modeling and Analytics

This course is a survey of the fundamental analytical tools, approaches, and techniques used in the design and operation of logistics systems and integrated supply chains. The material is taught from a managerial perspective, with an emphasis on where and how specific tools can be used to improve the overall performance and reduce the total cost of a supply chain. The three main topic areas that will be focused on are: Demand Forecasting, Inventory Management, and Transportation Planning. The course will also cover Activity Based Costing, Working Capital, the Cash-to-Cash cycle, Discounted Cash Flow Analysis, and Integration among Supply Chain Partners.

Credits 3