THE CYPRUS INTERNATIONAL INSTITUTE OF MANAGEMENT

COURSE DESCRIPTOR	
COURSE TITLE	**MA440 Operations Management & Logistics**
COURSE INSTRUCTOR(S)	Dr. Takis Stylianides
NO. OF ECTS CREDITS	4.5
CLASS CONTACT HOURS	21
MINIMUM LEARNING EFFORT *(IN HOURS)*	84
PREREQUISITES (IF ANY)	None

OBJECTIVES

This course addresses the management of operations in manufacturing and service firms. It discusses diverse activities, such as determining the size and type of production process, purchasing the appropriate raw materials, planning and scheduling the flow of materials and the nature and content of inventories, assuring product quality, and deciding on the production hardware and how it gets used.

LEARNING OUTCOMES

The major learning goal for the course is to familiarize the students with production and operations systems in manufacturing and service firms and how to effectively manage these systems. The People Express Simulation game will be used to demonstrate some areas of Operations management to students

COURSE OUTLINE

Areas to be covered include:

- Introduction to operations management & productivity measurements
- What are goods and what are services
- Process Management
- Just-in-time/lean production systems
- Capacity & Production planning and scheduling
- Supply chain management
- Inventory management
- Quality Management
- Project management
- People Express Simulation game

TEACHING AND LEARNING METHODS
A combination of lectures, discussions, practical exercises, videos, case studies and simulation game. Interactive use of Moodle.
METHODS OF ASSESSMENT
Assessment will be based on 15% class participation (including online participation via Moodle), 15% in-class simulation game presentation, and 70% on an examination at the end of the course
RECOMMENDED READING LIST
1. "Operations Management an Integrated Goods and Services Approach" James Evans and David Collier 2. "Fundamentals of Operations Management" Davis, Aquilano & Chase, 4th Edition, McGraw-Hill 3. "Operations Management" Jay Heizer & Barry Render, 8th Edition, Pearson Prentice Hall