Course Title: Introduction to Operations Management Principles

Instructor:

Course web page:

Course Description:
Introduction to common planning, operating, and controlling production of goods and services. decision-making, project management, facility layout in both manufacturing and services industries, waiting lines, quality control, just-in-time systems, forecasting, aggregate planning, inventory management, materials requirements planning (MRP), and operations scheduling.

Suggested Course Prerequisite(s):

Materials Needed:

Course Objectives:
1. Overview of common planning, operating, and controlling production of goods and services. 2. Explore decision-making, project management, facility layout in both manufacturing and services industries, waiting lines, quality control. 3. Employ just-in-time systems, forecasting, aggregate planning, inventory management, materials requirements planning (MRP), and operations scheduling.

Certification Notes:

Next course recommendation:

Instructor Notes:

Textbook(s): N/A

Lesson Plan – by week or session
Session 1: Introductions, Course Syllabus
   Overview – Planning, operations, production, service
Session 2: Decision-making, project management, facilities, quality control
Session 3: Systems, forecasts, aggregate planning
Session 4: Inventory management, MRP, operations scheduling
   Student Evaluation of Instruction

Course Sessions: listed are a guideline to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Method of Evaluation: Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of the class time in order to be considered a successful completer of the course.
Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.

Students must complete all courses (core and no. of elective courses needed) to complete a certificate series within two years from start date of the first course taken.

**Americans with Disabilities Act:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-G200 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.

http://www.collin.edu/studentresources/personal/studenthandbook.aspx