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Course Revision

Course Title

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Course of Catalog

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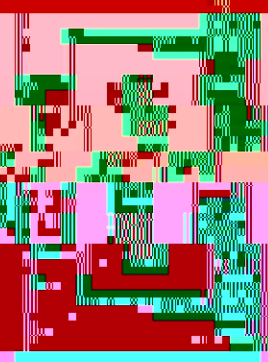


Table with multiple columns and rows, containing text and numbers, likely a course schedule or catalog listing. The text is mostly illegible due to heavy noise and distortion.

**SUPPLEMENTAL DEPARTMENT STATEMENT FOR WRITING INTENSIVE
COURSE TYPE II**

The Chairperson of the Department of Management will have the responsibility to assure that the MG 438-W course will be taught only by qualified instructors and only in accordance with the guidelines put forth in the accompanying proposal. This responsibility will be carried out jointly by the Chairperson and the faculty in the department who teach, or who are potentially qualified to teach, this course. Because of the interactive nature of the course assignment & scheduling process within this

Writing Summary--MG 438 Seminar in Operations Management

This is a new course proposal for MG 438 Seminar in Operations Management. If

intensive Type ID only for students in the Industrial (Operations) Management.

Sample Research Paper assignment:

Topic: Each student will select a relevant topic, get it approved by the instructor and compile a 8-10 page research paper that will be due at the end of the semester. Example

topics--(1) The applicability of Just-in-time practices to the U.S. auto industry. (2) The use of 'Focus Forecasting' to forecast demand for distribution centers. (3) Developing selection criteria for job-shop manufacturers in their effort to procure a Manufacturing Resources Planning (MRP-II) software.

Objective: The paper must synthesize the class discussions, current research and industry

Evaluation Criteria: The papers will be graded based on the professionalism organization

structure and quality. Quality of the literature review, its synthesis, and

Sample Assignment: (I have visited this company several times since we helped this company through the Eberly College of Business Small Business Institute program).

Next week we will be meeting with the Operations Manager of Clark Metal Products

(CMD) - Danville, VA. We will spend the first 10 minutes of our 60 minute trip getting

an overview of the company following which we will be taken on a 30 minute trip of their manufacturing facility. Feel free to ask questions during the plant tour. Also after the

Syllabus of Record

I. Catalog Description

MG 438 /W/ Seminar in Operations Management

3c-01-3sh

Prerequisites: MG 330, senior standing

An integrative course in operations management. Considers and analyzes the current literature and contemporary topics in the area of providing service and producing goods. Case studies and field trips are used to provide students with a comprehensive knowledge of the theories, current practices and trends in several topical areas of operations management. Students will learn to present their findings and analyses in a professionally written format.

II. Course Objectives

Upon completion of this course, the students will:

- (i) have a thorough understanding of current practices in operations management in both manufacturing and service sectors of business.
- (ii) obtain in-depth knowledge of the current literature and be able to comprehend, analyze and report several recent trends, philosophies and techniques in operations management. Students, after consulting with the instructor, will select

A. Strategic decisions in Operations Management (2 hours)

The role of the operations function in attaining and maintaining a competitive and

country's competitiveness.

- Case studies of several retail, service, and manufacturing (large and small) companies that have been using the operations function as a strategic tool.

B. Inventory distribution in retail, service and manufacturing industries (3 hours)

- Global Sourcing.
- Supply Chain Management.
- Other recent trends.
- International Distribution.
- Perpetual Inventory Systems.

Cases in fast food industry, discount store, grocery store, and manufacturing.

C. Materials Management and Purchasing (3 hours)

Impact of inventory on profitability

C. Implementation issues in Just-in-time (JIT) (3 hours)

- Favorable environments for JIT.
- Prerequisites for JIT implementation.
- JIT and Kanbans in service environments.
- Case studies.

H. The use of waiting line models and simulation in operations management (2)

- Manufacturing and service industry applications.
- Use of AUTOMOD simulation software for analysis.

I. State-of-the-art Manufacturing and Operations Technology (3 hours)

IV. Evaluation Methods:

(Additional details are enclosed in the Writing-Intensive section of the proposal)

The final grade for the course will be determined as follows:

25% Individual research paper

required to prepare a 8-10 page research paper on the topic. The paper must integrate the classroom discussions, current industry practices and research in the selected topic. While

5% Class participation

Student participation and involvement is an integral part of several activities in this seminar course. Although most of the assignments are designed to elicit active student participation, this 5% of the grade will be based on the student's voluntary participation in class discussions.

A	90 % and above	B	80 - 89 %
C	70 - 79%	D	60 - 69 %
F	< 60 %		

Required textbooks and readings

As in many seminar courses, there is no text book for this course. Copies of the cases and papers required for the course will be available at Kinko's and/or Copies Now. Several text books, journals and magazines that are available in the library (and listed in the syllabus) can be used as recommended and

Goldratt, E. and Fox. B., "*The Goal*," North River Press, Inc., 1986.

Heizer, J. and Render, B., "*Production & Operations Management – Strategic & Tactical Decisions*," Prentice Hall, 1996.

"*Industrial Engineering*," Journal published by the Institute of Industrial Engineers, Norcross, GA, 2000.

"*Journal of Manufacturing Systems*," Society of Manufacturing Engineers, Dearborn, MI, 2000.

Krajewski, L.J. and Ritzman, L.P., "*Operations Management - Strategy and Analysis*," Addison, Wesley, 2000.

"*Management Science*," Journal Published by INFORMS, Atlanta, GA, 2000.

Martinich, J.S. "*Production & Operations Management – An Applied Modern Approach*," Wiley, 1997.

Markland, R.E., Vickery, S.K. and Davis, R.A., "*Operations Management – Concepts in Manufacturing & Services*," West Publishing, 1995.

"*ORMS Today*" Journal published by INFORMS Atlanta, GA, 2000.

"*Production and Operations Management*," An International Journal of the Production and Operations Management Society Baltimore, MD, 2000.

A1 This course will replace Seminar in Management (MG 428) as a required course

C2 The available space is sufficient for this course.

No additional equipment is required for this course. About 6 hours of computer lab time will be required per semester. It can be easily scheduled in one of the

Eberly College of Business labs.

No laboratory supplies and other consumable goods are required for this course.

Library materials are adequate for this course.

No travel funds are required for this course.

C2 No special funds are associated with this course.