

Faculty Senate Curriculum Committee

12

Approval Form

Proposal Title: Title Change "Industrial Management I" to "Operations Management"

Sponsor(s): Diane Hamilton Dept.: School of Business Admin.

Check one: [X] Course [] Specialization [] Concentration [] Achievement Certificate [] Certification Program [] Major Program [X] Minor Change Title (please name: deletion or credit/title/catalog change)

[X] Undergraduate [] Graduate Credit Hours

Step 1 (Department) Step 2 (Receipt) Step 3 (School CC)
[X] Approved 11/14/85 Date
SCC# 8586-37
Proposed Received 11/15/85 Date
Reviewed 12/14/85 Date
[] Not Approved
[] Not Approved
Comments:
Chairperson, Dept.
Chairperson, SCC
Chairperson, School Curr. Comm.

Step 4 (Academic Dean) Comments:
Reviewed Date
Signature, Dean of School

Step 5 (SCC)
Open Hearing Date [] Approved by Senate Curriculum Committee Date
[] Returned to sponsor(s) for the following reasons:

Step 6 (Faculty Senate)
Presented to Faculty Senate : Date [X] Approved [] Not Approved
Notification to Vice-President Academic Affairs 2/3/86 Date
Signature, SCC Chairperson

Step 7 (Vice-President for Academic Affairs)

Received 2/13/86
Date

Approved Yes No

If no, reasons are as follows:

Student credit hours NA
Faculty load hours NA
Equalized credit hours NA

*SAME AS PREVIOUS
COURSE IND NGT I*

Official copy and approval sheet filed _____
Date

Signature _____

Alan Tinsley
Vice-President for Academic Affairs

Registrar

Approved course description received _____
Date

Hegis Taxonomy and Course Number assigned _____

Signature _____
Registrar

_____ Date

Notification forwarded: Senate Curriculum Committee Chairperson, Department Chairperson(s),
Academic Dean(s), Registrar, Sponsor(s).

TRANSMITTAL 4/15/86

PROPOSAL

MINOR CURRICULAR CHANGE

1. DETAILS

- a. Change Requested: Title change from Industrial Management I to Operations Management

Also, catalog description and prerequisite change from

0506.305

INDUSTRIAL MANAGEMENT I

(Prerequisite: 0506.101, 1703.302, 0502.312)

This course provides a critical study of the operational functions of the business enterprise. Topics include capital costs and investment criteria, plant location and layout, process planning and production design, job designs and work methods, and cost controls.

to:

0506.305

OPERATIONS MANAGEMENT

(Prerequisites: 0506.312, 1703.125)

This course provides a critical study of the operational functions of the business enterprise. Topics include capital costs and investment criteria, plant location and layout, process planning and production design, job designs and work methods, and cost controls.

- b. Sponsor: Diane M. Hamilton
Assistant Professor
Department of Management
School of Business Administration

2. RATIONALE

- a. Statement of "need" for the change:

Upon our external consultants' recommendations and in readying our School for accreditation by the American Assembly of Collegiate Schools of Business it is necessary to change our Industrial Management I course to more closely conform to A.A.C.S.B. requirements. A name change and clear explanation of the subject matter covered should suffice.

b. Statement of curricular effect:

Production and Operations Management will be required as a business core course for all Business Administration students. Because Principles of Management Science will be dropped from the present core, this course will not increase the total number of core credits required. Faculty presently involved in the Principles of Management Science course can easily be reassigned to sections of Production and Operations Management.

3. RESULTS OF CONSULTATION

- a. All full-time faculty within the School of Business have discussed this change and are in agreement with it. A written consultation was requested of the Industrial Education and Technology Department, response attached hereto.

FOR ADDITIONAL CLARIFICATION A TOPICAL OUTLINE FOLLOWS:

Introduction

- objectives of a production system
- relationship between production and other corporate functional areas
- problems found in production systems

Design of Production Facilities

- plant location
- physical layout
- Investment Criteria

Materials Management

- Inventory Control
- Purchasing
- Material Requirements Planning

Research & Development

- new product development
- managing the R & D function

Production Planning & Control

- forecasting
- inventory control
- production scheduling
- capacity requirements planning

Decision Models for Production Planning & Control

- optimum lot size
- linear programming for optimal product mix and transportation models
- simulation of flow rate

Industrial Engineering

- time and motion studies
- work measurement
- manufacturing standards

Inspection and Quality Control

- determination of an acceptable quality level
- the inspection process
- quality assurance

Statistical Quality Control

- review of related statistical concepts
- use of charts in quality assurance
- determining sample size

The Factory of The Future Today

- manufacturing resource planning software
- robotics and computer controlled machinery
- computer aided design and manufacturing

0506.305

OPERATIONS MANAGEMENT

(Prerequisites: 0506.312, 1703.125)

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State of New Jersey
GLASSBORO STATE COLLEGE
GLASSBORO, NEW JERSEY 08028

Industrial Education and Technology

(609) 863-6203

TO: Diane Matteo, Business Administration
FROM: John Gallinelli, Program Advisor
Industrial Technology
DATE: March 25, 1985
RE: "Minor Curriculum Changes"

Mr. Von Holtz just presented me with your recommended change in curriculum to begin offering a course in Production and Operations Management. Though the description variation between the original Industrial Mgt I and the proposed Production and Operations Mgt are being presented as minor changes, they are in fact substantive. When one looks at the new course topics and compares those with the existing course in Industrial Technology, it is clearly an Industrial Technology offering.

Each of the topics suggested for inclusion in your new course are now included in the course Production Planning and Control, offered this semester by Industrial Technology and taught by M. Robert Zellmer, former VP for Manufacturing and Materials at Ray-O-Vac. For this to be considered as a new offering by Business Administration is a clear duplication of existing offerings.

It is my opinion that if there is a need for such an offering for your Industrial Management majors, that they enroll in the course presently on the books in our department.

Both Dr. Humbert and I have, in the past, delivered materials to your school explaining the types of offerings we have. We have on more than one occasion had students from your school express amazement that we have such offerings as Manufacturing Technology, Materials Handling and Plant Layout, Production Management and the like. It would seem that there may be even other areas where our offerings could serve as integral components in your programs, as your introductory courses do for our Industrial Technology majors. You see, each of our majors is required to enroll in Introduction to Management and at least two follow up courses such as Accounting, Mgt of Information Systems, Management of the Personnel System and the like. It is this kind of multi-school activity that is going to build strength into all of our programs and we will be able to better serve all the students and meet the societal and industrial needs at the same time.

The department as a whole stands firmly opposed to such changes. We would hope that any movement to further develop the Industrial Management option be done by integrating the offerings of our two departments.

JG/jh

cc: Mr. Paul D. Von Holtz
Dr. Janice F. Weaver
Ms. Brenda Bolay



GLASSBORO STATE COLLEGE

School of Business Administration

Glassboro, New Jersey 08028-1748
(609) 863-6025/6026

December 13, 1985

TO: Paul Von Holtz, Chairperson, Industrial Arts

FROM: Robert D. Lynch, School of Business Administration

Based upon our discussion of December 12 I have obtained agreement from key members of our faculty to revise our curriculum proposals as follows:

1. The title change of "Industrial Management I" will be revised to "Operations Management" instead of "Production Operations Management" and the catalogue description will remain the same. There will be some modifications to the course content outline as shown in the attachment.
2. We will remove the course "Industrial Management II" from our curriculum with the understanding that future needs may require us to revive the course as a course in "Materials Management" which is the current emphasis of this course.
3. We will add, in place of "Advanced Production/Operation Management" (which was proposed to be the new title of "Industrial Management II") your course "Quality Control of Industrial Products". This will be a required course in the 'Industrial Management Track' of our "Management Specialization." Since this is a required course you would have to agree to offer the course at night at least once each academic year.
4. We will add, to the electives within our "Management Specialization", your course, "Occupational Safety." This would be available to "Management" students in all tracks.

I believe that these changes will provide us with the changes we require in our program and at the same time provide some of the cooperative effort you have suggested.

cc: William Enslin
John Gallinelli
Diane Hamilton
Brenda Bolay