



UNIVERSITY OF FLORIDA

COLLEGE OF BUSINESS ADMINISTRATION
ALAN G. MERTEN, DEAN

GAINESVILLE, FLORIDA 32611
(904) 392-2397

GENERAL FACULTY MEETING
Friday, April 28, 1989
10:00 a.m. - 102 BUS

A G E N D A

1. Minutes from the April 5, 1989, Faculty Meeting
2. By-Law Revision (Attachments 1 & 2)
3. Committee Reports
Undergraduate Committee - Jack Faricy
 - DIS Major
 - Changes in Real Estate Major

MBA Committee - Arnie Heggstad
 - New MBA Course (Attachment 3)
 - Director's search progress

Information Resources Committee - Gary Koehler
 - Committee Report
4. Dean's Report
5. Announcements

AGM:FACAGN/TXTSAH

cc: Steve Beeland
Tom Boyden
Larry Humes

PROPOSED ADDITION TO THE COLLEGE BY-LAWS

FACULTY ADVISORY COMMITTEE

- Membership: Eight members: four elected by vote from the faculty at large; four appointed by the Dean. There shall be no more than three faculty members of any one rank and no more than two faculty members from any one academic unit. Faculty in dean, director or academic unit head positions are not eligible. Nominations will be made in writing to the Dean's office and voting will be by secret ballot.
- Chair: Dean
- Term of Membership: All members shall serve a two-year term. Terms will be staggered. Each year, two members will be elected and two will be appointed. An eligible faculty member may serve no more than two consecutive terms, but are otherwise eligible for service at any time.
- Purpose: To provide an additional mechanism for the views of the faculty to be expressed to the Dean and for the views of the faculty to be solicited by the Dean.
- Regular Meetings: One per month during the academic year at a regularly scheduled time.
- Other Meetings: When called by the Chair with reasonable notice to members.

COLLEGE OF BUSINESS ADMINISTRATION • UNIVERSITY OF FLORIDA • GAINESVILLE 32611
Marketing Department

904-392-0181

April 14, 1989

MEMORANDUM

TO: Dean Alan Merten
FROM: Alan Sawyer
RE: Proposed Faculty Advisory Committee

I propose two amendments to the description of the proposed committee passed out in the last College Faculty meeting.

1. The Chair should be a faculty person and not the Dean.

Rationale: The current proposal calls for the Dean to be the Chair. It seems to me that at least the spirit of the rewritten College By-Laws and Committee Descriptions include the notion that no College administrators would chair any committee; all chairs would be faculty. In addition, it would seem to be consistent with the goal of the faculty providing views to the Dean that a faculty member would be Chair and be able to call "other meetings."

2. All members should be voted by the faculty.

Rationale: As a committee representing the views of the faculty, none of the faculty representatives should be appointed by the Dean.

AGS/jcr

Institution UF
Campus N/A
FICE 1535

NEW COURSE TRANSMITTAL FORM
(See Reverse for Instruction)

Form UCC 1 Rev.80
OAA# _____

Department: Decision and Information Sciences Discipline: Decision and Information Sciences
Course Title: Managerial Quantitative Analysis

Credit Type: Semester Total Credit Hours 4 Lecture Credit Hrs. _____
Lab Credit Hrs. _____
Other Hrs. _____
Recommended CNS Prefix and Number: QMB 6 7 0 2 Lab Indicator (C or L) _____
Alpha First Digit Taxonomy Number

Catalog Course Description: Survey of deterministic models for managerial decision making, with particular emphasis on mathematical programming.

State the pre and corequisites in terms of content (see reverse):

Prerequisites QMB 5600

Corequisites _____

Intended Students (check all that apply): _____ Undergraduate Major _____ Others (specify) _____
_____ Undergraduate Non-Majors _____
Level (see reverse): _____ Adv. Undergrad. & Graduates _____
_____ X _____ X _____ Graduate Students Only _____
Introductory _____ Advanced _____ Other (specify) _____

List major topics here and attach a one-page outline of the proposed course;

List any other course(s) in the University catalog dealing with similar subject matter;

ESI 6417, ESI 6448

List the department chairperson (by name and dept.) with whom you have cleared any question of possible duplication or infringement by this course. Each such chairperson must either sign the outline requested below to indicate no concern over possible duplication or infringement, or make comments. Any lack of comments or signatures must be explained.

Jack Elzinga, Industrial and Systems Engineering X

List teaching materials, textbook(s), and instructor (include status on Graduate Faculty if applicable):
H. P. Benson (DRF), S. S. Erenguc (DRF), L. H. Tsai (RGF), C. J. Zappe (RGF)

State the quarter in which the course will be first offered: Fall 1989

Janet [Signature] 11/7/88
Signature of Department Chairperson Date Signature of College Dean Date

Signature of Graduate Dean (if applicable) _____ Date _____

Approved _____ Disapproved _____ Effective Date _____

Last date for inclusion in catalog copy: _____

Chairman, UCC/Liaison Officer _____ Date _____

FOR FACULTY DISCIPLINE TASK FORCE AND SYSTEM STAFF USE ONLY:

Approved Prefix and Number _____ Rec. # _____ HEGIS _____ USOE _____
Generic Course Title _____
Century Title _____
Remarks: _____
Reviewed by: _____ Date _____
Discipline Task Force Representative
Input Into Data Base _____ by _____

QMB 6702 Managerial Quantitative Analysis

Credits: 4

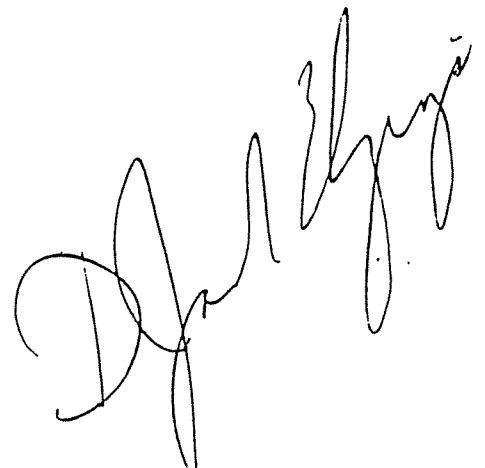
Topic Outline:

1. Network Flow Models
2. Integer Programming
3. Goal Programming
4. Nonlinear Programming
5. Dynamic Programming
6. Analytic Queuing Models
7. Markov Chains

Faculty: Professors Benson, Erenguc, Tsai, Zappe.

Texts: Winston, Wayne L. Operations Research: Applications and Algorithms, PSW Publishers, 1987.

Software: Quantitative Systems for Business (QSB),
Decision Support Systems for Production and
Operations Analysis (DSSPOM).

A handwritten signature in black ink, located in the bottom right corner of the page. The signature is cursive and appears to read "D. Benson".

PROPOSAL FOR QMB 6702

MANAGERIAL QUANTITATIVE ANALYSIS II

This proposed course is designed primarily for MBA and Ph.D. students not majoring in Decision Sciences. The course will be of a survey nature and will cover a set of quantitative decision making tools that are not taught in QMB 5600 (formerly GEB 6757). Topics covered will include topics such as network flow models, integer programming, goal programming, nonlinear programming, dynamic programming, queueing models and Markov Chains.

The proposed course will augment classroom lectures with cases and exercises designed to illustrate the use of the above mentioned quantitative techniques in a practical setting. These exercises will often require the use of some of the better-known mathematical programming software packages.

Text: Winston, Wayne L., Operations Research: Applications and Algorithms, PWS Publishers, 1987.

Software: Quantitative Systems for Business (QSB)
Decision Support System for Production and Operations Management (DSSPOM)

1/4/89 - E. contact.

**QMB 6702: Managerial Quantitative Analysis
Course Syllabus**

Course Description: This course provides a survey of a variety of topics in management science, including the following: network models, integer programming, goal programming, nonlinear programming, dynamic programming, Markov chains, and queuing theory. Not only will the course expose the student to theoretical and computational aspects of these topics, but it will also stress the formulation of problems and interpretation of results.

Course Prerequisite: QMB 5600

Required Text: Winston, W.L. Operations Research: Applications and Algorithms. Boston: Duxbury Press, 1987.

Course Outline: The following topics will be covered in the order indicated. The associated reading assignments in the Winston text are provided as well.

<u>Topic</u>	<u>Reading Assignment</u>
I. Introduction and Review	Winston: Chapters 1-6
II. Network Models	
A. Introduction	Winston: 7-1
B. Shortest Path Problems	Winston: 7-2
C. Maximum Flow Problems	Winston: 7-3
D. Generalized Network Flow Problems	Winston: 7-5
E. Network Simplex Algorithms	---
F. Minimum Spanning Tree Problems	Winston: 7-6
III. Integer Programming	
A. Introduction	Winston: 8-1
B. Formulating Integer Programs	Winston: 8-2
C. Branch-and-Bound Method	Winston: 8-3, 8-4, 8-5
IV. Goal Programming	Winston: 13-1
V. Nonlinear Programming	
A. Introduction	Winston: 10-1, 11-1
B. Convex and Concave Functions	Winston: 11-2
C. Solving NLPs with One Variable	Winston: 11-3
D. Solving Unconstrained NLPs with n Variables	Winston: 11-4
E. Solving NLPs with Equality Constraints	Winston: 11-5
F. Solving NLPs with Inequality Constraints	Winston: 11-6
G. Quadratic Programming	Winston: 11-7
H. Golden Section Search	Winston: 11-8
I. Method of Steepest Ascent	Winston: 11-9

VI. Dynamic Programming	
A. Introduction	Winston: 18-2
B. Applications of Deterministic Dynamic Programming	Winston: 18-3, 18-4, 18-5, 18-6
C. Applications of Probabilistic Dynamic Programming	Winston: 19-1, 19-2, 19-4
VII. Markov Chains	
A. Introduction	Winston: 17-1, 17-2
B. n-Step Transition Probabilities	Winston: 17-3
C. Classification of States in a Markov Chain	Winston: 17-4
D. Steady State Probabilities	Winston: 17-5
E. Absorbing Chains	Winston: 17-6
VIII. Queuing Theory	
A. Introduction	Winston: 20-1
B. Modeling Arrival and Service Processes	Winston: 20-2
C. Birth-Death Processes	Winston: 20-3
D. M/M/1/GD/∞/∞ Queuing System	Winston: 20-4
E. M/M/s/GD/∞/∞ Queuing System	Winston: 20-6
F. M/M/1/GD/c/∞ Queuing System	Winston: 20-5
G. Finite Source Models: The Machine Repair Model	Winston: 20-9

Grading Procedure:

Three exams, each worth 25% of the final grade, will be given in this course. The remaining 25% of the grade will be based upon the student's performance on homework assignments. These assignments will consist of cases and exercises designed to illustrate the use of course material in a practical setting.



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COLLEGE OF BUSINESS ADMINISTRATION
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GENERAL FACULTY MEETING

April 28, ~~1988~~ 1989

MINUTES

1. Minutes

The minutes of the April 5, 1989, Faculty Meeting were approved after a correction was made to change page three, paragraph four. It should read as follows: Lanzillotti/McKethan - Daniel Feldman, the Chairman of that Committee, will be leaving the University at the end of ~~the~~ Summer A semester.

2. By-Law Revision

At the April 5 faculty meeting, a proposal was made to add a Faculty Advisory Committee to the College By-Laws. The Parliamentarian advised that this proposal can be both amended and voted on at the meeting.

Dr. Sawyer moved to amend the proposed by-law, making a faculty member, rather than the Dean, the chair of the committee. In addition, the chair would serve a one-year term and would be elected by the committee membership. The amendment was seconded. A vote was taken and the amendment to the proposal was passed unanimously.

Dr. Sawyer moved to amend the motion so that all members of the committee would be elected by the faculty rather than half being appointed by the dean. The motion was seconded and carried unanimously.

Dr. Lutz made a motion to amend the proposal, listing the Dean as an exofficio member of the committee. The amendment was seconded. Discussion following the motion showed that the intent is that all College committees are structured in such a manner that the Dean or others can be invited to attend meetings without being stated members of the committee. With that understanding, the amendment and second were withdrawn.

A vote was call for on the proposed Faculty Advisory Committee addition to the by-laws, as twice amended, and carried unanimously.

The Dean explained that a request for nominations will be distributed. A ballot will then be developed for secret vote. The results will be finalized prior to the end of the academic year.

May 10, 1989

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3. Committee Reports

Undergraduate Committee

Dr. Faricy withdrew the proposal regarding the DIS major, stating that the appropriate paperwork had not been processed as yet.

Information regarding changes to the Real Estate curriculum was distributed at the meeting (Attachment 1). Dr. Faricy explained that 2.a. and 2.b. are the only action portions of that information.

He moved to remove REE 4430 from the required courses for Real Estate majors. The motion was seconded. It was explained that the same material is being covered in a Business Law course and, with the retirement of Dr. Gaitanis, the FIRE Department no longer has an attorney on faculty to teach the course. The motion carried by unanimous vote.

Dr. Faricy also moved to reduce the hours for REE 4313 from five (5) to three (3). The motion was seconded and carried unanimously.

MBA Committee

Dr. Heggstad made a motion to add the proposed course, QMB 6702, as described in the attachment to the agenda. The motion was seconded and carried unanimously.

He reported that the MBA Director Search Committee has interviewed four candidates and an offer is expected to be made next week.

Information Resource Committee

Dr. Koehler discussed the 1988-89 summary report which was distributed to the faculty prior to the meeting. He reported that the Novell gift had been awarded, making \$80,000 available to the College to network the Business Administration Building. A new phone system, to be installed on campus during Thanksgiving weekend, will enhance computer services and networking. UFNet, the university's computer network, is being installed on campus and will incorporate the College soon.

4. Dean's Announcements

Dean Merten announced that this will be his last faculty meeting as Dean of the College. He explained that he will serve as Dean until July 31, 1989, and will make decisions relative to salaries, budgets and space prior to leaving.

He expressed excitement over the challenges and opportunities that he will face at Cornell. He also expressed sadness over leaving the University of Florida and his friends and colleagues. He stated that

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he will speak out on the challenges facing education in Florida, in general, and the University of Florida, in particular, as he leaves.

He made several suggestions concerning opportunities and problems facing the College. Although the College has too large a student/faculty ratio and has an inadequate support environment, the short-term prospects for major change are not good. It will be the responsibility of all to get better without getting bigger. Each academic unit needs to assess how to more efficiently and effectively use their existing faculty.

Because of the efforts of many, the general atmosphere in the College is significantly more supportive and collegial than it was. More progress is necessary. All faculty should be committed to eliminating the unproductive (and often destructive) comments about others that appear in hallway conversations and written communications. Each faculty member must learn to respect the work and contribution of others, even though it may differ from their own.

The faculty, interim dean, and the next dean will face two funding challenges. First, constant vigilance and determination will be required to get the College's fair share of the state support to the University. Second, the successes of the Capital Campaign will have to continue. The College has been successful in obtaining private support; we have also been successful at identifying many additional people and organizations who can support the College and their gifts now need to be finalized.

Dean Merten turned the meeting over to Dr. McCollough for a report on process of selecting an interim dean.

Dr. McCollough explained that the Academic Unit Heads are coordinating several activities related to the transition process. Following is a chronological report:

4/18 - Dean Merten met with the Academic Unit Heads and discussed the fact that he had accepted the position at Cornell. Afterward, they discussed what would happen during the transition. They agreed that they must take an active role in the selection process and provide focused faculty input to Dr. Hemp.

Later, each Academic Unit Head met with his faculty and developed a list of acceptable candidates for the interim appointment.

4/19 - The Academic Unit Heads met again to compile a list from their individual lists and to arrange a time to meet with Dr. Hemp.

4/25 - Dr. Hemp met with the Academic Unit Heads. The Academic Unit Heads discussed their objective of providing focused faculty input and the attributes they consider to be important to the appointment. The

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list of candidates which they provided to Dr. Hemp, in alphabetical order, is as follows: Roger Blair, Annie Heggstad, Jack Kramer, Robert Lanzillotti, Doug Snowball, and Bart Weitz. Dr. Hemp anticipates the appointment of an interim dean within two weeks. There was also discussion regarding the characteristics of the permanent dean, organizational structures, and the search process for the new dean.

6. Announcements

Annual Report forms are being distributed and should be returned to the Academic Unit Heads by May 10, who should then have their reports in to the Dean's office by June 5.

There will be no May faculty meeting.

The meeting was adjourned at 5:20 p.m.

AGM:FACMIN.6/TXTSAH

cc: Tom Boyden
Steve Beeland
Larry Humes
Naoma Young

REAL ESTATE CURRICULUM PROPOSAL

The Finance, Insurance, and Real Estate Department proposes the following changes in the curriculum for Real Estate majors:

1. Current Requirements:

REE 3043	Real Estate Analysis	4
REE 4100	Real Estate Valuation	3
REE 4204	Real Estate Financial Analysis	3
REE 4313	Real Estate Feasibility Analysis	5
REE 4430	Real Estate Law	3
	SUBTOTAL	18 hrs

Plus one of the following courses:

BCN 1210	Construction Materials	3
ECP 5614	Urban Economics	4
MAR 3503	Consumer Behavior	4
MAR 4613	Marketing Research	4
Advanced Computer Programming Course (TBA by Advisor)		2-4
	SUBTOTAL	2-4

TOTAL 20-22 hrs

2. Proposed Curriculum Changes:

- a. Remove REE 4430 from required courses
- b. Reduce REE 4313 from 5 hours to 3 hours
- c. Add to the list of elective choices
 - BUL 4305 (4)
 - FIN 4244 (3)
- d. Replace the elective ECP 5614 (4) with ECP 4613 (3)

3. The result would be a reduction of one in courses required and a reduction of five (5) in hours required.

REQUEST FOR COURSE DELETION OR CHANGE(S) IN ANY CHARACTERISTIC OF A CURRENT COURSE

Institution UF FICE 1535

Department: Finance, Insurance and Real Estate

CNS Prefix and Number: REF 4313

Course Title: Real Estate Feasibility Analysis

Check One: Deletion _____ Change X

Change:	From	To
*Title		
*Credit	05	03
First Digit Assignment		
Lab Indicator		
UF Prefix Number		

*Revised Catalog Description Consideration of the influence of physical, legal, market, regulatory, and financial factors on the potential for success of specific real estate development projects.

*NOTE: Significant changes in these items may substantially alter the placement of this course within the discipline taxonomy (i.e., they may require a different alpha prefix and/or number). If a different prefix and/or number seems appropriate, please complete a NEW COURSE TRANSMITTAL FORM and submit a course syllabus.

Please state reason(s) for the requested change(s) or deletion: Revision of course to reflect current developments in the field and to provide students more flexibility in the curriculum.

Which quarter is this change to become effective? Fall 1989

[Signature] 4/20/89 _____
 Signature of Department Chairman Date Signature of College Dean Date
 W. A. McCollough

Signature of Graduate Dean (if applicable) _____ Date _____

APPROVED _____ DISAPPROVED _____ Effective Date _____

Chairman, University Curriculum Committee/Institutional Liaison Officer _____ Date _____

FOR FACULTY DISCIPLINE TASK FORCE AND SYSTEM STAFF USE ONLY
 Does change affect Prefix or Number? Yes _____ No _____ Requested _____
 If yes, is a NEW COURSE TRANSMITTAL FORM etc., attached _____ Received _____
 Yes/No

If yes, new Prefix and Number should be: _____
Remarks: _____

Submitted by: _____ Date _____
 Discipline Task Force Representative
 Input into Data Base _____ by _____
 Date _____

REE 4313
Topical Coverage

Introduction to Feasibility Analysis and
the Real Estate Development Process

Legal Constraints to Project Implementation

Land Use Controls and Other Regulations

Physical Characteristics of the Site

Market Analysis: Demand for the Project

Market Analysis: Competitive Supply

Cash Flow Analysis

Financing the Project

Case Studies: Residential, Office, Retail

Summary



UNIVERSITY OF FLORIDA

COLLEGE OF BUSINESS ADMINISTRATION
ALAN G. MERTEN, DEAN

GAINESVILLE, FLORIDA 32611
(904) 392-2397

GENERAL FACULTY MEETING
Wednesday, April 5, 1989
4:30 p.m., 102 BUS
A G E N D A

1. Minutes from the February 8, 1989, Faculty Meeting
2. Proposed revision to the By-Laws (Attachment 1)
3. Committee Nominations
 - a) Promotion and Tenure Committee (3-year term)
 - Vacancies will be filled from ECO & DIS departments
 - One member will be elected by secret ballot from those nominated
 - 1) Nominations should be made by tenure track faculty
 - 2) Nominees must be eligible tenured full professors
 - One member will be appointed by the Dean
 - b) Research Committee (2-year term)
 - Vacancies will be filled from FIN, MKG & MGT departments
 - One member will be elected by secret ballot from those nominated; two members will be appointed by the Dean
 - Three members, two elected, continue in 1989-90
 - c) University Senate Elected Representatives (2-year term)
 - Three members will be elected by secret ballot
 - Solicited nominations will be added to those made by the nominating committee
 - 1) Nominations should be made only by Assistant and Associate Professors
 - 2) Nominees must be at Assistant and Associate levels
4. Election of Faculty Parliamentarian
5. Committee Reports
 - MBA Committee
 - Undergraduate Committee
 - Proposal in Economics
 - Internship Program
 - DIS Major (materials to be distributed separately)
 - Information Resources Committee
6. Dean's Report
 - Eminent Scholar Searches
 - Bryan Hall Renovations
7. Announcements

AGM:FACAGN/TXTSAH
cc: Steve Beeland
Tom Boyden
Larry Humes

PROPOSED ADDITION TO THE COLLEGE BY-LAWS

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