

JAMES A. GRAASKAMP COLLECTION OF TEACHING MATERIALS

III. REAL ESTATE DEPARTMENT ADMINISTRATION

H. Course Development

4. Miscellaneous Courses in Other Departments Related to  
the Real Estate Program

Department of Agricultural Engineering  
Proposed B.S. of CONSTRUCTION  
Degree: B.S. CONSTRUCTION

A. COLLEGE & UNIVERSITY REQUIREMENTS:

<u>3</u>	English 101 (unless excused by placement examination)
<u>3</u>	Communication Arts 105, <u>or</u> 101 (2-3 cr.)
<u>3</u>	
<u>4-5</u>	Chemistry 103, <u>or</u> 109
<u>4</u>	Economics 101, <u>or</u> 103
<u>      </u>	Physical Education 001
<u>3</u>	Land. Arch. 250
<u>3</u>	Forestry 100, <u>or</u> 601
<u>23-24</u>	credits

B. REQUIREMENTS OF THE MAJOR: all of the following are required:

<u>3</u>	Agr. Engr. 210 <u>or</u> 225
<u>3</u>	Agr. Engr. 112
<u>3</u>	Agr. Engr. 142
<u>1</u>	Agr. Engr. 200
<u>3</u>	Agr. Engr. 224
<u>2</u>	Agr. Engr. 150
<u>3</u>	Related Art 221 <u>or</u> 223
<u>2</u>	Civ. & Envir. Engr. 492
<u>2</u>	Civ. & Envir. Engr. 590
<u>3-5</u>	Engr. Mech. 201 <u>or</u> 214 <u>or</u> 231
<u>2-3</u>	Gen. Engr. _____
<u>27-30</u>	(Two credits from the following: 151, 152, 160, 171, 180, 181, 182)

Natural Sciences: The following courses are required:

<u>4</u>	Physics 103 <u>or</u> 201
<u>4</u>	Physics 104 <u>or</u> 202
<u>5-8</u>	Math 221, <u>or</u> 211, and 212
<u>3-4</u>	Soils for Land Use Planning <u>or</u> Geology for Engineers

28-32

Social Science and Humanities:

12 Credits to be selected from  
any appropriate college or department.  
The following course is required:

<u>3</u>	Art History (History of Architecture)
<u>3</u>	_____
<u>3</u>	_____
<u>3</u>	_____

Business:

<u>3</u>	Computer Science <u>or</u> C.E.E. 291
<u>3</u>	Business 200 <u>or</u> 300 Accounting
<u>3</u>	Business Law 330 Business Law I
<u>3</u>	Business 550 Urban Land Economics
<u>3</u>	Business 551 Real Estate Finance
<u>3</u>	Business 560 Principles of Risk Management
<u>3</u>	Business 332 Real Estate Law

21

RECOMMENDED OPTIONS (not requirement of major)

<u>5</u>	Business 201 & 500 <u>or</u> 303 & 500
<u>12</u>	credits of electives in Business

17

Engineering Options:

<u>5</u>	Math 222
<u>3</u>	Engr. Mech. 303
<u>3</u>	C.E.E. 340
<u>3</u>	of the following:
	C.E.E. 345 (steel)
	C.E.E. 347 (concrete)
	C.E.E. 442 (wood)

14 Credits

CEE 431    ENGINEERING SOILS MAPPING AND EVALUATION

Fall Semester, 1972

TIMETABLE INFORMATION

Course Number:    240-431-7

Instructor:    Professor Ralph W. Kiefer

Meeting Time:    2:25 MWF 2221 Engineering Building

Prereq:    Geology 101 or CEE 441 and Senior Standing, or  
             consent of instructor

OUTLINE OF SUBJECT MATTER

- I.    Soil and Landform Characteristics
  - a)    topography, soil class, depth-to-bedrock, drainage,  
         and others.
- II.   Soil Classification and Mapping
  - a)    engineering soil classification and mapping systems
  - b)    pedological soil classification and mapping system
  - c)    geophysical exploration
  - d)    remote sensing and airphoto interpretation
- III.   Sources and Use of Soil, Geologic and Landform Information
  - a)    topographic maps, soil survey reports and maps,  
         geologic maps and reports, aerial photographs and  
         ERTS satellite images.
- IV.   Land Use Suitability Evaluation
  - a)    criteria for land use development - residential,  
         industrial, commercial, transportation, agricultural,  
         recreation, conservation, and other land uses.
  - b)    land use suitability mapping techniques
    - (1)    mylar overlay techniques
    - (2)    computer-generated land use suitability maps
- V.    Land Use Planning
- VI.   Student Presentations of Term Projects

UNIVERSITY OF WISCONSIN  
Department of Civil and Environmental Engineering

MEMO

Date

8-16-72

To

JAMES GRAASKAMP

From

RALPH KIEFER

Please bring this course  
to the attention of interested  
students. I believe Alan Hembel  
plans to take the course.  
As you know, a Land Use Suitability  
Evaluation project is a major  
part of the course.

RWK

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THE UNIVERSITY OF WISCONSIN  
COLLEGE OF AGRICULTURAL AND LIFE SCIENCES

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DEPARTMENT OF AGRICULTURAL ENGINEERING  
460 HENRY MALL  
MADISON, WISCONSIN 53706

March 7, 1975

TO: U.W. School of Business  
Undergraduate Studies Committee

FROM: D. J. Stith  
Agricultural Engineering Department



RE: Proposed New Course - Business 559

I would like to endorse and encourage the adoption of the proposed Construction Enterprise Management course (Business 559).

The proposed course will become a senior level course for students majoring in Construction Technology. At the present time there is no course comparable to the proposed course and Construction Enterprise Management will serve a vital need for students majoring in Construction.

Jr

April 14, 1975

Dear Jim:

This Thursday is the deadline that the Divisional Committee has set for receiving proposals to be considered at its May meeting.

I doubt that Dean Boock would wish to advance our School of Business Faculty meeting to Weds. even if I could arrange a special meeting of the Undergraduate Studies Committee between now and then.

If we have another meeting of the U. Studies Committee this spring (and I hope we needn't), your proposal will be considered. I am returning all but one of your proposals with the thought that you might want to make changes prior to submission to the committee next fall (say, the reading list.)

Sorry about this, but didn't we go through this same bit last year?

Sincerely,  
Bill B.

**UNIVERSITY OF WISCONSIN-MADISON**

**GRADUATE SCHOOL OF BUSINESS**

1155 Observatory Drive  
Madison, Wisconsin 53706



**To: Undergraduate Studies Committee**

**From: James A. Graaskamp, Chairman**  
**Real Estate and Urban Land Economics**

**Re: Proposed new course, Business 559, Construction Enterprise Management**

As you may know we will be transferring the Construction Administration degree program to the School of Engineering. The name will be changed to a BS in Construction Technology. The School of Business will continue to provide the Business Administration and Real Estate courses for students in the Construction Technology program. Hopefully administrative transfer will be completed by fall of 1975.

A basic course in the special characteristics of the construction industry and administrative techniques of the construction process has always been needed to pull together the tools taught in Business and Engineering as they apply to the construction process and contractor business.

This course will draw students from the Real Estate program, the Construction Technology program, the Landscape Architecture program, as well as Civil Engineering. We seek approval at this time in order to plan teaching loads for the next academic year.

The department faculty have all approved the proposal.



New Course Proposal  
Business 55A  
Construction Enterprise Management

1. Catalogue Statement:

Construction Enterprise Management II; 3 cr.

An analysis of the construction process from the viewpoint of organization, accountability, and contractual relations of all participants; owner, architect, contractor, subcontractor, insurance and bonding companies. Special attention will be paid to assessing financial capabilities: accounting and cost systems, plus labor relations and legal contractual problems.  
Bus. 550

2. Open to Freshman: No

3. Level of the course: intermediate/advanced

4. Effective Date: Spring 1976

5. Explanation of Need:

The undergraduate construction management program and graduate emphasis on administration of institutional real estate holdings presents an immediate demand for a comprehensive delineation of the methods used by the construction enterprise to plan, schedule, and monitor all stages of creating real estate improvements. Development of the course at this time is promoted by agreement with Ag. Engineering to transfer construction administration to that school while the Business School will provide all Business Administration courses necessary to support the Ag. Engineering program.

6. Relationship to other courses:

This course will provide the only overall view of the construction process and its business methods available to construction, building technology, civil engineering, real estate, and general business majors. This course does not duplicate existing offerings in these areas.

7. Outline of Subject Matter:

A) Possible Texts:

Quantitative Methods in Construction Management, James J. Adrian

Construction Management Practice, Peter Volpe

When Homebuilding & Real Estate Go Big Business, Lewis Goodkin

B) Reading List: being prepared

C) Outline:

1. Introduction to the Construction Contracting Environment
2. Establishing enterprise policies & objectives
  - assessing Financial capabilities
  - assessing personal capabilities
  - developing marketing approach
3. Risk Management in the Construction Process
  - Search & selection of projects
  - Design of enterprise organization
4. Accounting and Cost Keeping Systems
  - Financial transactions
  - Cost control
5. Financing the Construction Enterprise
  - Working capital loans
  - Equipment & Material procurement

6. Project activity planning
  - project planning - C.P.M.&P.E.R.T.
  - resource scheduling & control
7. Job Organization
  - equipment & resource allocation
  - safety & working conditions
8. Labor relations & trade contracts
  - legal arbitration
  - Jurisdictional disputes
9. Performance & Payments Bonds
10. Special Construction Insurance Problems
11. Construction Contracts
  - lump sum, cost plus, unit price
  - nonstandard & government construction contracts
12. Bid Proposals
  - types of estimates
  - bid strategy
13. Organization of the Construction Enterprise Team
  - owner, architect, contractor relations
  - maintaining proper channels of communication
14. Joint Ventures
15. Inflationary effects on project performance

8. Staff:

- A) Instructor: James Canestaro
- B) Qualifications: Registered Architect  
Real Estate Faculty member
- C) Courses regularly taught: Bus 550, Bus 554, Bus 555,  
Bus 556, Bus 705

9. Course that can be permanently dropped: none

10. Cross Listing: none



*Peter Johnson*  
**SCHOOL OF FAMILY RESOURCES & CONSUMER SCIENCES**  
University of Wisconsin • 1300 Linden Dr. • Madison, WI 53706

OFFICE OF THE DEAN 608 262-4847

OFFICE OF THE ASSISTANT DEAN FOR STUDENT AFFAIRS 608 262-2608

**PROGRAM AREAS:**

Child & Family Studies - 263-2381

Consumer Science - 263-5675

Environment, Textiles & Design - 262-3190

Home Economics Communications - 262-1464

Home Economics Education - 262-2660

December 6, 1985

TO: Dean James Hickman  
School of Business

FROM: Michael Hunt *Michael Hunt*  
Assistant Professor  
Environment, Textiles and Design  
Program Area  
School of Family Resources and  
Consumer Sciences

RE: New Course Proposal

I am in the process of submitting a new course proposal to the Social Studies Divisional Committee for their approval. It would be appreciated if you, or someone you deem more appropriate, would review the enclosed proposal and syllabus and write a letter supporting its approval as a new course. The course has been approved by the School of Family Resources and Consumer Sciences.

Thank you for your assistance.

MEH/sm

Enc.

*Dear Hickman -*

*Good idea - approve it. we are also working with related arts for a course in design for facilities management.*

**RECEIVED**

DEC 10 1985

School of Business

*TO: Tim Graaskamp!*  
*Shall I write a note saying "No objection to the Housing for the Elderly course"? Thanks for your advice.*  
*Tim Hickman*  
*Please return*

## NEW COURSE PROPOSAL

DATE PREPARED 11/12/85

DEPT. NAME Environment, Textiles and DesignDIVISIONAL COMMITTEE: Social ScienceCOURSE WILL BE FIRST OFFERED: ☒ FALL or ☐ SPRING or ☐ SUMMER 19 86 - 87 ACAD. YR.1. COURSE NUMBER: 3 5 9 - 6 3 0 - IS THIS A "TOPICS" COURSE? ☐ Yes ☒ No2. COURSE TITLE (Limited to 68 Spaces): Housing Environments for Older People

3. CROSSLISTING DEPARTMENTS (Attach Supporting Letters):

(a)

(c)

(b)

(d)

4. CREDITS: (a) Number: 3 (b) Variable Credit Explanation: \_\_\_\_\_(c) Will Course be Repeatable for Credit? ☐ Yes ☒ No(d) Grading System: ☒ A-F or ☐ Cr/No Credit5. PLANNED OFFERING: ☒ Sem I, and/or ☒ Sem II, and/or ☐ SS. Exceptions: \_\_\_\_\_6. CAPSULE STATEMENT OF COURSE CONTENT FOR BULLETIN: An interdisciplinary seminar toinvestigate the environmental needs and design considerations for supportive housingfor older people. Housing options are studied in terms of 1) how they support olderpeople of various ages, capabilities, and finances; and 2) the implications of selecting  
a certain housing option.7. PREREQUISITES: Junior standing or consent of instructor8. INSTRUCTIONAL STAFF (If Non-faculty, attach Vita): Michael Hunt, Arch.D., Assistant  
Professor9. LEVEL OF COURSE: ☐ Elementary ☐ Intermediate ☒ Intermediate/Advanced ☐ Advanced10. SHOULD COURSE BE REVIEWED FOR 100 CREDIT RULE? ☒ Yes ☐ No ☐ Not applicable  
(For Courses NOT in Letters and Science)11. SHOULD COURSE SATISFY L&S LITERATURE REQUIREMENT? ☐ Yes ☐ No ☐ Not applicable  
(For Courses in Humanities Division Only)12. SHOULD COURSE SATISFY HUMANITIES REQUIREMENT? ☐ Yes ☐ No ☐ Not applicable  
(For Courses in Humanities Division Only)

DEPARTMENT NAME Environment, Textiles and Design COURSE NUMBER 3 5 9 - 6 -

13. DESCRIPTION OF COURSE CONTENT (Expand on Capsule Statement entered in #6.)

This course is an interdisciplinary seminar in the design of supportive housing for older people. Housing is first addressed by describing older people in terms of their number, living arrangements, housing options, location, and needs. Housing options are discussed in terms of 1) how they support older people of various ages, physical capabilities, and financial resources and 2) the short and long term implications for the older resident of selecting a certain housing option. The needs of older people are discussed in terms of age-related sensory and physical changes that occur. These subjects lead to an exploration of design principles which help offset age-related changes. Resulting design implications are addressed at both a conceptual and specific level. OBJECTIVES: 1) to better understand age-related sensory and physical changes in older people; 2) to explore how housing design can offset age-related changes in people; 3) to explore housing options for older people; and 4) to gain experience in evaluating specific aspects of housing design as related to the needs and capabilities of older people - students will compare and contrast plans of housing and also evaluate actual buildings housing older people.

To help achieve the objectives of this course, guest speakers will be invited to address specialized current events. For example, the following people have been invited in the past: a housing developer; an occupational therapist providing home care; the Executive Director of the Wisconsin Association of Homes for the Aging; the carpenter for Independent Living; and the Executive Director of Methodist Retirement Center.

14. EXPLANATION OF NEED:

Housing for older people is increasingly becoming a national concern as the number of older people increases while the resources to provide housing diminish. This trend has led to the increased importance of understanding older peoples' needs and how housing can help offset age-related changes experienced by people. This course is intended to attract students from several majors on campus via its acceptance as partial fulfillment of the requirements to receive a Specialist in Aging Certificate from the Institution on Aging. When this course was offered as a Special Topics course, students were drawn from occupational therapy, sociology, nursing, construction administration, and interior design.

15. RELATIONSHIP TO OTHER COURSES IN THE UNIVERSITY: (Specify possible overlap and attach correspondence from appropriate depts.)

There are currently no courses offered on campus which specifically address housing for older people from the perspective of housing options and design considerations. This course would augment a course offered by the Consumer Science Program Area of FRCS entitled Economic, Social, and Psychological Aspects of Housing (CS 371) which focuses on consumer economics. This course is also compatible with housing courses offered in Urban and Regional Planning (policy oriented) and Business (finance and real estate oriented).

16. COURSES WHICH MAY BE DROPPED AS A RESULT OF THIS PROPOSAL: (Complete separate Course Deletion Form for each course To Be Dropped)

None

17. COURSE SYLLABUS AND TEXT REFERENCE: (Please attach)

## HOUSING FOR OLDER PEOPLE-

ETD 6\_\_ - 3 Credits

### INSTRUCTOR:

Michael Hunt, Arch.D.  
Assistant Professor  
Environment, Textiles and Design Program Area  
Office: Room 447 Home Econ. Building  
Phone: 262-8822

### PURPOSE OF COURSE:

This course is an interdisciplinary seminar in the design of supportive housing for older people. Housing is first addressed by describing older people in terms of their number, living arrangements, housing options, location, and needs. Housing options are studied in terms of 1) how they support older people of various ages, physical capabilities, and financial resources and 2) the short and long term implications for the older resident of selecting a certain housing option. The needs of older people are discussed in terms of age-related sensory and physical changes that occur. These subjects lead to an exploration of design principles which help offset age-related changes. Resulting design implications are addressed at both a conceptual and specific level.

### OBJECTIVES:

- 1) to better understand age-related sensory and physical changes in older people;
- 2) to explore how housing design can offset age-related changes in people;
- 3) to explore housing options for older people;
- 4) to gain experience in evaluating specific aspects of housing design as related to the needs and capabilities of older people  
- students will compare and contrast plans of housing and also evaluate actual buildings housing older people.

### TEXTS:

Elderly People and the Environment, Edited by Altman, Lawton, and Wohlwill,  
Plenum Publishing Corp., 1984.

Housing Interiors for the Disabled and Elderly, by Bettyann Boetticher Raschko,  
Van Nostrand Reinhold Co., 1982.

Xerox Collection of selected readings to be available at Bob's Copy Shop.

### GRADING:

Weekly assignments, a mid-term paper, a final term paper or building evaluation, a class presentation and class participation will be means of student evaluation.

December 18, 1985

Professor Michael Hunt  
Assistant Professor  
School of Family Resources and  
Consumer Sciences  
1300 Linden Drive  
CAMPUS

Dear Professor Hunt:

Thank you for telling me about the proposed new course Housing Environments for Older People. The proposal has been reviewed by Professor J. A. Graaskamp, Chair, Real Estate Department. Professor Graaskamp has recommended that the School of Business endorse the proposal. He labeled the course "a good idea". I accept his recommendation.

Sincerely,

James C. Hickman  
Dean

JCH/mjh

CC: J. A. Graaskamp



## SCHOOL OF FAMILY RESOURCES AND CONSUMER SCIENCES

University of Wisconsin-Madison, 1300 Linden Drive, Madison, WI 53706 608-262-2608

November 18, 1986

MEMO TO: Jim Graaskamp  
Mike Smith

FROM: Bob Bartholomew *RB*

RE: Facility Management Emphasis

Since the facility management emphasis is underway in each of our departments, it seems appropriate to be sure that we are all in agreement concerning the core and curriculum structure of the emphasis. *(see attached)*

In addition, I want to get your reaction to asking Construction Administration and Preventive Medicine to participate in it. At this point, their participation will consist of having certain courses of theirs in selected electives and inviting their students to participate in the emphasis as graduate students. Are there other departments (e.g., Civil Engineering) you believe should be urged to become participants in the facility management emphasis?

Near the end of the Spring 1987 semester, I suggest we meet to discuss the status of our arrangement and if any adjustments are needed.

RPB/11m

cc: M. Hunt  
B. Kieffer