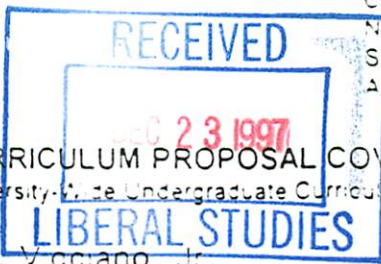


LSC Use Only  
Number \_\_\_\_\_  
Submission Date \_\_\_\_\_  
Action Date \_\_\_\_\_

UWUCC USE Only  
Number 97-26C  
Submission Date App. 2/17/98  
Action Date Senate App. 3/3/98



CURRICULUM PROPOSAL COVER SHEET  
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person Frank A. Viggiano, Jr. Phone 357-2350/2336

Department Human Development and Environmental Studies

II. PROPOSAL TYPE (Check All Appropriate Lines)

ID 319 COURSE Res DesII:Kit,Bth,MR

Suggested 20 character title

New Course\* ID 319 Residential Design II: Kitchen, Bath, & Media Room Design

Course Number and Full Title

Course Revision

Course Number and Full Title

Liberal Studies Approval -  
for new or existing course

Course Number and Full Title

Course Deletion

Course Number and Full Title

Number and/or Title Change

Old Number and/or Full Old Title

New Number and/or Full New Title

Course or Catalog Description Change

Course Number and Full Title

PROGRAM:  Major  Minor  Track

New Program\*

Program Name

Program Revision\*

Program Name

Program Deletion\*

Program Name

Title Change

Old Program Name

New Program Name

III. Approvals (signatures and date)

Mary C. Sunkin 4/8/96  
Department Curriculum Committee

Donna Hoffman 4-8-96  
Department Chair

Mia Moore Barker 3/6/97  
College Curriculum Committee

Howard C. Wingard 17 Mar 97  
College Dean

W. S. [Signature] 3/19/97  
\*Provost (where applicable)

+ Director of Liberal Studies (where applicable)

**Catalog Description****ID 319 RESIDENTIAL DESIGN II Kitchen, Bath, and Media Room Design****(1c-3l-3sh)****Prerequisite: ID 315**

**Design elements are applied to kitchen, bath, and media room areas of the residence to provide design solutions supporting individual needs and changing lifestyles. The course addresses the needs of special populations. Standards from the NKBA (National Kitchen & Bath Association) and CEDIA (Custom Electronics Design & Installation Association) will be addressed.**

## Syllabus of Record

### I. CATALOG DESCRIPTION

ID 319 Residential Design II: Kitchen, Bath, & Media Room Design

3 credits  
1 lecture hour  
3 lab hours  
(1c-3l-3sh)

Prerequisite: ID 315

Design elements are applied to kitchen, bath, and media room areas of the residence to provide design solutions supporting individual needs and changing lifestyles. The course addresses the needs of special populations. Standards from the NKBA (National Kitchen & Bath Association) and CEDIA (Custom Electronics Design & Installation Association) will be addressed.

### II. COURSE OBJECTIVES

Upon completion of the course, the student will be able to:

- 1) identify basic design fundamentals and components e.g. work triangle.
- 2) interpret specific design considerations including laws, building codes, ordinances, fire protection, and life safety to protect the health, safety, and welfare of the public.
- 3) evaluate design components of kitchen, bath and media planning (e.g. cabinetry, flooring, acoustics, etc.).
- 4) identify current design trends.
- 5) develop design solutions to apply kitchen, bath & media design principles to solve design theories and problems relating to special populations, special purposes, furniture, and fixture layout, spatial composition, and the relationship between human beings and the environment.
- 6) describe installation methodologies.
- 7) evaluate energy conservation resources techniques including recycling, water conservation and waste management.

### III. COURSE OUTLINE

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#### A. HISTORICAL PERSPECTIVES (1 lecture hour)

1. Introduction
2. History of kitchen, bath, and media room
3. Evolution of "active" spaces

#### B. MATERIALS (1 lecture hour, 1 lab hour)

1. Construction systems and materials
2. Laws, codes, standards and ordinances
3. Surface materials and textiles
4. Specifying, estimating, and installation

#### C. BUILDING SYSTEMS (2 lecture hours, 6 lab hours)

1. Plumbing and water
2. Climate control and ventilation
3. Selection and application of lighting and electricals
4. Miscellaneous (e.g. central vacuum, communication)
5. Acoustic application

#### D. ROOM PLANNING FUNDAMENTALS (3 lecture hours, 7 lab hours)

1. Space planning, residential
2. Storage
3. Cabinet selection, function, and design
4. Fixtures and appliances
5. Furniture selection and layout
6. Selection and application of flooring materials, wall treatments, textiles
7. Windows
8. Work centers

#### E. ENVIRONMENTAL CONCERNS (1 lecture hours, 2 lab hours)

1. Energy efficiency (e.g. appliances, fixtures, materials)
2. Waste management
3. Water management
4. Indoor air quality
5. Sustainable materials

#### F. TECHNOLOGICAL CONSIDERATIONS ( 2 lecture hours, 6 lab hours)

1. Residential communications
2. Media (e.g. audio, video, home automation)
3. Innovative technologies and products

#### G. DESIGN TRENDS ( 2 lecture hours, 5 lab hours)

1. Regional
2. Color, texture, scale
3. Demographics
4. Lifestyle/room use changes
5. Elderly (mature population)
6. Physically challenged ( laws, codes, standards, ordinances)
7. Innovative technologies and products
8. Human environment e.g. proxemics, behavior, etc.

#### H. PROFESSIONAL PRESENTATION ( 2 lecture hours, 14 lab hours)

1. Floor plan/space plan, residential
2. Industry standards/specifications (laws, codes, ordinances)
3. Equipment/priority checklist
4. Design problem solving
5. Sketching, rendering, sample boards
6. Logos, signage, etc.
7. Photography, videotape, multimedia, CD-ROM

Two exams will be given during lab hours. The third exam will be given during finals week.

#### IV. EVALUATION METHODS

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

40% Three tests (equally spaced throughout the semester) consisting of multiple choice, true-false, completion or essay. 100 points each.

20% Research Paper. Each student will prepare a 6-8 page paper on a topic approved by the instructor. 100 points

30% Major Project (Floor plan). Each student will design a kitchen, bath or media room utilizing approved specifications, principles and techniques. A complete floor plan, electrical plan, elevations and equipment specification lists are required as would be appropriate for presentation to a client. 200 points

10% Problem Solving Exercise. Each student will be expected to apply appropriate design solutions to specific kitchen, bath, and media room design problems. 50 points @ x 3 = 150

TOTAL POSSIBLE POINTS = 750

#### FINAL GRADE

A= 90-100 %, B= 80-89 %, C= 70-79%, D= 60-69% F=59% or less

#### V. REQUIRED TEXTBOOK(S), SUPPLEMENTAL BOOKS READINGS (1)

Textbook:

Koontz, T. & Dagwell, C. (1994) Residential Kitchen Design. New York: Van Nostrand Reinhold

Bath Industry Technical Manual. (1992). New Jersey: National Kitchen & Bath Association and the University of Illinois Small Homes Council.

CEDIA Technical Manual. (1994). Indiana: Custom Electronics Design and Installation Association.

**(1) Readings will be extracted from Home Theater, and Audio Video Interiors**

VI. SPECIAL RESOURCE REQUIREMENTS

Each student will be expected to supply the following:

- 1. Faber-Castell Color Pens/Pencils (12)
- 2. Graph Paper, 1/4-inch
- 3. Residential Design Template, Picket #1151
- 4. Faber-Castell Eraser
- 5. Pentel 0.5mm Pen/Pencil

VII. BIBLIOGRAPHY

Carstens, D. (1993). Site planning and design for the elderly. New York: Van Nostrand Reinhold.

Fine Homebuilding Staff, (Eds.) (1990). Fine home building on: bath & kitchens. Newton, CT: Tauton.

Grosslight., J. (1992). Lighting kitchen & bath. New York: Durwood.

Kitchen & bath source book. (1995). New York: Macmillan.

Kitchen & bathroom plumbing. (1995). New York: Time-Life.

Kitchen industry technical manuals. (Vols.1-6).(1992). New Jersey: National Kitchen & Bath Association and the University of Illinois Small Homes Council-Building Research Council

Lawrence, M. (1989). Kitchens. UK: New Holland

Lupton, E. & Milller, J. (1992). Bathroom, the kitchen, & the aesthetics of waste. Princeton Arch.

Pinkl, J. J. (1993). Transgenerational design. New York: Van Nostrand Reinhold.

Raschko, B. B. (1991). Housing interiors for the disabled & elderly. New York: Van Nostrand Reinhold.

Sutro, D. (1993). West coast wave. New York: Van Nostrand Reinhold:

Winkler, G. (1989). The well-appointed bath: authentic plans & fixtures from the early 1900's. Preservation Press.

HISTORICAL REFERENCES (Prior to 1985)

Ching, D.K. & Miller, D.(1983). Home renovation. New York: Van Nostrand Reinhold.

Conran, T. (1977). The kitchen book. New York: Crown.

Gould, M. E. (1965). The early American house: Household life in America 1620-1850. Rurland. VT: Tuttle Co.

Illinois University.(1965). Small homes council-building research council kitchen planning guide. Illinois Small Home Council, Urbana, Il.

Kira, A. (1976). The bathroom. New York: Viking.

Paradise, K. (1973). The kitchen book: How to get exactly the kitchen you want. New York P.H. Wyden.

Phipps, F.(1972). Colonial kitchen. New York: Hawthorne Books.

## **COURSE ANALYSIS QUESTIONNAIRE**

### **A Details of the Course**

A1 This course will be a requirement for students majoring in Interior Design. The course is not intended for inclusion in the Liberal Studies program.

A2 This course does not require changes in content of existing courses.

A3 This course has never been offered as a special topics course.

A4 This course is not intended to be dual-level.

A5 This course is not to be taken for variable credit.

A6 Similar courses are offered at these institutions: (Appendix A)

Auburn University:	CA 422 Kitchen and Bath Planning
Virginia Polytechnic Institute:	HDRM 4624Advanced Kitchen and Bath Design
East Carolina University:	AMID 3650 Kitchen and Bath Design

(Note: No other institution currently offers a course including the Media Room. The Media Room is a new market niche which we feel needs to be addressed. There are no local area institutions offering this course format. More money is being invested in home entertainment through the Home Theatre. Careers as a Home Theater Designer, Systems Integration Designer, and Audio-Video Specialist are growing quickly. This new discipline has virtually grown into an entire industry within five years. Jobs are plentiful.)

A7 The FIDER accrediting body states that students have an "understanding" ( as compared to "awareness" or "competency") of most material presented in this course. (Appendix B).

### **B. Interdisciplinary Implications**

B1 This course will be taught by one faculty member from the Human Development and Environmental Studies Department.

B2 This course does not overlap with any other course at the University.

- B2 This course does not overlap with any other course at the University.
- B3 One seat in each section of this course will be reserved for a student in the School of Continuing Education.
- C. Implementation
  - C1 No additional faculty will be needed to teach this course.
  - C2 Other Resources
    - a. Current space allocations are adequate to offer this course.
    - b. No additional equipment will be necessary to teach this course.
    - c. Supplies will be sufficient for this course.
    - d. Library materials should be adequate; however, Technical Papers from the NKBA... (National Kitchen & Bath Association) should seriously be considered for inclusion in the library holdings.
    - e. Travel funds will not be necessary to teach this course.
  - C3 No resources for this course are funded by a grant.
  - C4 This course will be offered at least once an academic year with no seasonal restrictions.
  - C5 At least one section of this course will be offered each year.
  - C6 Eighteen (18) students will be accommodated in this course.
  - C7 The Foundation for Interior Design Education Research (FIDER), curriculum 1996 guidelines are attached as Appendix B to this proposal.



Auburn University

Department of Consumer Affairs

COURSE: CA 422 Kitchen and Bath Planning

DESCRIPTION: Technical and aesthetics elements of kitchen and bath design. Application of industry standards to design solutions and graphic presentations.

Virginia Polytechnic Institute & State University

Department of Housing, Interior Design and Resource Management

COURSE: HDRM 4624 Advanced Kitchen and Bath Design

DESCRIPTION: Principles of planning, design and evaluation of residential kitchen and bathrooms, in relation to the total house plan. Emphasis on planning principles and technical requirements with attention to functional use of the space to meet the needs of people.

East Carolina University

Department of Apparel, Merchandising and Interior Design

COURSE: AMID 3650 Kitchen and Bath Design

DESCRIPTION: Fundamentals of kitchen and bath design; emphasis on design detailing, economic considerations, and universal design criteria; client project required.

## APPENDIX B

Relevant FIDER Criteria Addressed in This Course

FIDER Standards and Guidelines, Professional Level Programs, FIDER Form 402R, January 1996

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### 2.11 Technical Knowledge

- 2.11.3 Laws, codes, standards, and ordinances, e.g. universal accessibility guidelines, life safety, fire, etc.
- 2.11.4 Specifying, estimating, and installation
- 2.11.5 Construction systems and materials
- 2.11.6 Building systems, i.e. electrical, acoustics
- 2.11.7 Building systems, i.e. HVAC, plumbing
- 2.11.8 Metric system
- 2.11.9 Environmental concerns, i.e. energy, ecology, indoor air quality, sustainable materials