I. Catalogue Description and Credit Hours

Advanced study and implementation of space planning techniques and graphic standards for the design of kitchens and bathrooms. (3)

II. Prerequisite(s)

DS001, DS211, DS220

III. Purposes or Objectives of Course

A. Demonstrate the skills necessary to successfully design a functional kitchen and bath using NKBA guidelines and procedures.
B. Demonstrate the appropriate use of NKBA graphic standards and nomenclature.
C. Identify current design materials and components and use them effectively in project development.
D. Describe general code guidelines for electrical, plumbing, and ventilation systems.
E. Identify installation considerations for various appliances, fixtures, cabinetry, and finishes.
F. Develop visual and oral presentation skills.

IV. Expectations of Students

A. Satisfactorily complete all class assignments.
B. Contribute to class discussion.
C. Satisfactorily complete two written examinations.
D. Execute two design projects in acceptable form.
E. Present two projects for video taping, view tapes, and complete self-analysis.
F. Participate in peer evaluation.

V. Course Outline or Content

<table>
<thead>
<tr>
<th>A. NKBA Graphics and Presentation Standards</th>
<th>Hours</th>
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<tbody>
<tr>
<td>1. NKBA Guidelines</td>
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<td>2. Floor plan graphic standards</td>
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<td>3. Dimensions</td>
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<td>4. Specifications</td>
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<td>5. Cabinetry</td>
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<td>6. Appliances</td>
<td>10</td>
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<table>
<thead>
<tr>
<th>B. Kitchen and Bathroom Project Documents</th>
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<tbody>
<tr>
<td>1. Design Statement</td>
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<tr>
<td>2. Kitchen and bath floor plan</td>
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<td>3. Kitchen and bath construction plan</td>
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<td>4. Kitchen and bath mechanical plan</td>
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<td>5. Standard specifications for kitchen and bath design</td>
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</table>
C. **Kitchen and Bath Products**
   1. Appliance types and planning considerations
   2. Fixture design and planning considerations
   3. Surfacing materials
   4. Environmental considerations

D. **Design Presentation**
   1. Organizational skills
   2. Verbal skills
   3. Prepare and execute a visual and oral presentation

E. **Project Emphasis**
   1. Kitchen Project
   2. Bath Project

* Total laboratory hours = 90

VI. **Textbook(s) and/or Other Required Materials or Equipment**


   Students are responsible for supplying drafting and project materials, and purchasing illustration media.

VII. **Basis for Student Evaluation**

   A. Class discussion 5%
   B. Two examinations 25%
   C. Quizzes 5%
   D. Two projects 50%
   E. Oral presentation of projects (video taped) 5%
   F. Peer Evaluation 5%
   G. Self-evaluation of oral presentation 5%

   **Note:** The weight of the evaluation criteria may vary according to each instructor and will be communicated at the beginning of the course.

VIII. **Academic Policy Statement**

   Students will be expected to abide by the University Policy for Academic Honesty regarding plagiarism and academic honesty. Refer to:

   [http://www6.semo.edu/judaffairs/code.html](http://www6.semo.edu/judaffairs/code.html)

IX. **Student with Disabilities Statement**

   If a student has a special need addressed by the Americans with Disabilities Act (ADA) and requires materials in an alternative format, please notify the instructor at the beginning of the course. Reasonable efforts will be made to accommodate special needs.