PELLISSIPPI STATE COMMUNITY COLLEGE
MASTER SYLLABUS
KITCHEN AND BATH PLANNING
IDT 2611

Class Hours:  3.0  Credit Hours:  3.0
Laboratory Hours: 0.0 Revised: Spring 2013

NOTE: This course is designed for transfer credit to ETSU.

Catalog Course Description:
A study of the aesthetic and technical elements of kitchen and bath design with emphasis on NKBA standards. Course will include task planning, movements, sensory mechanism, and aesthetic consideration into supportive and attractive furnishings, equipment, accessories, and lighting in kitchen and bath design.

Prerequisites:
IDT 1105, IDT 1130, IDT 1310

Textbook(s) and Other Course Materials:

REQUIRED TEXTBOOKS:

REFERENCES:
Current readings from selected journals and publications: Kitchen and Bath Industry News, Interiors, and Interior Design

I. Week/Unit/Topic Basis:

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<th>Week</th>
<th>Topic</th>
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| 1    | Review Syllabus
      | Fundamentals of Kitchen Space Planning and Functional Aspects
      | Kitchen Space Planning Assignment |
| 2    | NKBA Guidelines for Kitchens |
Gourmet Meal Cooking Group Assignment

3  NKBA Guidelines for Kitchens
Guidelines/ Layout Exercise
**Quiz:** Kitchen Space Planning
Safety and Universal Design

4  Kitchen Cabinetry and Hardware
**Field Trip/ Speaker:** Cabinets

5  **Quiz:** Safety, Universal Design, Cabinetry
Kitchen Trends Research Assignment
**Field Trip:** “Before” kitchen renovation

6  Countertops
Countertops Speaker/Field Trip
Appliance Research Assignment

7  Sinks and Faucets
**MID-TERM EXAM/PROJECT**

8  Intro to Appliances and Venting
Appliance Reports

9  **Field Trip**

10 **Quiz:** Appliances
Intro to Bath Planning
Bath layout assignment

11 Bathroom research assignment
Bathroom Fixtures & Finishes

12 **Field Trip**
**Quiz:** Bath Planning, Fixtures, Finishes

13  Bathroom and Kitchen Lighting

14  Review for Final

15  Final Exam/Presentation

The above schedule is subject to change in the event of extenuating circumstances. Verbal changes to the schedule, etc. will most likely be given in class. You are responsible for attending each class or for obtaining important information from fellow classmates.

**II. Course Goals***:

The course will

A. Provide the student the knowledge necessary to evaluate and access lighting, energy management, and power distribution systems as they relate to kitchens and baths. I, II, IV, V

B. Enhance the student’s knowledge of the impact of lighting, indoor air quality and water use applicable to the design of kitchens and baths. I, II, IV, V
C. Expand the student’s knowledge of problem identification, schematics, space planning, and universal design concepts relative to kitchen and bath design.  I, II, IV, V

D. Foster the responsibility of the student as an interior design to research and maintain currency in the knowledge of kitchen and bath products, along with sources, costs, energy principles, installation and maintenance of these products.  I, II, IV, V

*Roman numerals after course objectives reference goals of the Interior Design Technology program.

III. Expected Student Learning Outcomes*:  
Students will be able to:

1. Evaluate and specify appropriate products relative to lighting and general energy consumption in kitchens and baths. A

2. Exhibit skills in problem identification. C

3. Exhibit skill in writing a program that identifies properties and performance criteria which impact health and welfare (indoor air quality, sanitation, noise, and lighting). B

4. Demonstrate competent schematic design skills, including: concept development, rapid visualization of concepts through sketching and preliminary specification of interior finishes.  C

5. Demonstrate space-planning skills (adjacencies, circulation, and articulation and shaping of space). C

6. Develop space plans, elevations, sketches, and study models. A,B,C,D

7. Understand and apply universal design concepts and principles. C

8. Understand and apply barrier-free, ergonomic and human factor design concepts. A,B,C

9. Understand and apply codes, regulations, and standards as they apply to residential kitchen, bath, and dining spaces. D

10. Understand the impact of lighting on health & welfare. B

11. Understand how design solutions are affected and impacted by power distributions systems, energy management, mechanical and lighting systems. A,D

12. Apply fundamental lighting concepts to kitchen, bath, and dining spaces. A,B,C,D

13. Exhibit knowledge of sources for materials and products. D

14. Select and apply luminaries and lighting sources to a design problem. A,B,C,D

15. Make appropriate selections of furniture, fixtures, and equipment based on properties and performance criteria identified in the written program. C,D

16. Understand maintenance of finishes, furniture, fixtures, and equipment. D

17. Develop detailed layout of furniture, fixtures, and equipment. D

18. Exhibit competent skills in preparation of contract documents as a complete system of drawings, schedules, and specifications that apply fire and life safety principles (detection,
and suppression) and address building systems (plumbing, HVAC, etc.). A,B,C,D

19. Understand project management practices. A,B,C,D

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures: 15%

A midterm exam will cover all lecture material through the first half of the course.

B. Laboratory Expectations: 50%

Although the course is not designated as a design studio, projects will be assigned as relative to support the concepts learned in this course. The projects will support and reinforce the concepts of the course.

Project 1: 15% of grade
Problem identification and detailed written program
Concept development
Presentation of project
(Note: This project is only taken through the concept development phases. No construction drawings are required.)

Project 2: 35% of grade
Site visit (tentative)
Problem identification and detailed written program
Concept development
Document (specifications and construction drawings) development
Presentation of project

A. C. Field Work: 25%

Research Paper & Oral Report— 15% of grade
Write a major research paper on trends that you see emerging in household equipment, then select one piece of equipment on which to write a detailed report. Present your most informative findings to the class in an oral report (5-7 min).

Additional Research Paper— 10% of grade
Write a 5-8 page paper on the relationship of lighting to the health and welfare of people.

D. Other Evaluation Methods: 10%

Class Participation: 10% of grade
This portion of the course grade is based on the student’s overall involvement while in the classroom and will include participation in class discussions and activities, submittal of assignments on time and in a professional manner, working diligently in class when appropriate (especially in studio and lab classes), exhibiting a respectful, professional attitude to fellow classmates and the instructor, and a general contribution to the overall development of a positive, supportive learning environment.

Studio Performance Expectations:
• Arrive on time prepared to work.
• Take notes and ask questions during instruction/discussion sessions.
• Use time in class productively; student is expected to be in class for the full class time except for breaks as needed.
- Treat the studio as if it were a workplace; professional conduct is expected.
- Meet deadlines for turning in projects, including intermediate desk checks.

E. Grading Scale:

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<tr>
<th>Grade</th>
<th>Minimum Score</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B+</td>
<td>88-89</td>
</tr>
<tr>
<td>B</td>
<td>80-87</td>
</tr>
<tr>
<td>C+</td>
<td>78-79</td>
</tr>
<tr>
<td>C</td>
<td>70-77</td>
</tr>
<tr>
<td>D</td>
<td>65-69</td>
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<tr>
<td>F</td>
<td>below 65</td>
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V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Academic Affairs, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

- Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
- Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
- Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one’s own work.
- Taking an exam for another student.
- Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
- Any of the above occurring within the Web or distance learning environment.

Please see the Pellissippi State Policies and Procedures Manual, Policy 04:02:00 Academic/Classroom Conduct and Disciplinary Sanctions for the complete policy.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone:
539-7153 or TTY 694-6429. More information is available at http://www.pstcc.edu/sswd/.