Objectives:
1) Writing a detailed programming document
2) Preparing quick schematic solutions to a design problem
3) Writing detailed product specifications
4) Preparing budgets for FF&E
5) Preparing renderings and presentation drawings to sell a concept
6) Presenting solution to client (visually and orally)
7) Working as a team
8) Creative expression

History of the Kate Hubbard House:
The University of Southern Mississippi’s Interior Design Program has been housed in the Kate Hubbard House (KHH) since 1976. The history of the KHH is unknown prior to 1928 when it first housed the Mississippi Southern College’s (MSC) Home Management Program. The Home Management Program was part of the Home Economics Department and taught students how to manage all aspects of the home from cooking, cleaning, entertaining and childcare. It was in 1944 that the KHH began housing an infant child during the day while students lived in the house during the semester to learn to manage the home. Home Management was taught well into the 1970’s, and today, there are many residents living in Hattiesburg that remember living in the KHH during the semester. Stories of a marble floor in the entrance have been told in which students learned how to polish, strip and wax for a grade. Another interesting fact about the KHH is that the back yard once housed chicken coups during the great depression. There is a long history and sense of community connected with the KHH that will continue for many more years.

The house is named after Mrs. Elizabeth Kate Cunningham Hubbard who served as head of the Home Economics Department in 1916-1917. In 1916, she married Mr. F. J. Hubbard, Director of Vocational Education for Mississippi from 1917-1938. It was under Mr. Hubbard’s tenure with the state of MS that the Home Economics Department was approved as a vocational program at MSC. In 1951, the home was dedicated to the late Kate Cunningham Hubbard (1890-1946). How and why the house was named after Kate Hubbard is unclear as she served only 1 year with the University.

In 1990, a back addition was added to help the program grow and become accredited for the first time. This addition included 2 faculty offices, a lecture room and a studio classroom. The most recent renovations occurred in 2004 and also in 2009 bringing it to its current state. Over the next 8 weeks, you will be evaluating, prioritizing and proposing a renovation for yet another KHH update. This renovation will become a Program initiative for fundraising with the anticipation of execution in the fall of 2013 (based on funding donations). Design services specific to this course will include
programming, schematic floor plans, elevations, 3D views, renderings and all FF&E selections and specifications. In addition, preliminary budgets will be developed with the assistance of local designers to determine costs associated with the renovation. Your design solutions will be presented in a visual package and will also be presented to an audience.

The design solution must include a proposed renovation of the upstairs and downstairs restrooms, the foyer, student lounge and a minimum of two other areas of the student’s choice. The downstairs bathroom must be brought up to current ADA guidelines.

**Project Code Requirements:** Your floor plans will be graded for compliance with the following code requirements. Using the following codes, develop your design solution for the TOTAL space as necessary to protect the health, safety, and welfare of the public.

1. Two (2) Primary exits/means of egress **MUST** be provided, and **MUST** be a **MINIMUM** of 25’ apart, measured along the interior path of travel.
2. Exit doors **MUST** open in the direction of exit travel, and when open in any position, shall **NOT** project more than 7” into any corridor.
3. Paths of travel leading to an exit **MUST NOT** pass through a secondary space that is subject to closure by doors or that contains storage materials or has items that project into the path of travel.
4. **ALL** door openings shall be a **MINIMUM** of 3’-0” wide with an 18” clear space on the pull side of the door and a 12” clear space on the push side of the door.
5. **ALL** accessible (barrier-free) counters (sinks, reception, etc.) **MUST** be 34” AFF.
6. The **downstairs** bathroom **MUST** be accessible (barrier-free) with a 5’-0” turning circle (shown as a dotted line). Any door swing may encroach into a turning circle a **MAXIMUM** of 12”.
7. Bathroom grab bars **MUST** be indicated in appropriate locations on the plan. This includes two (2) grab bars for a toilet.
8. Sinks in **ALL** public bathrooms **MUST** have clear knee access.
9. Flooring in **ALL** public bathrooms **MUST** be slip-resistant.
10. Walls in **ALL** bathrooms **MUST** be impervious to moisture.
11. There **MUST** be a **MINIMUM** of 44” between parallel work surfaces.
12. **ALL** electrical outlets **MUST** be 18” AFF unless noted otherwise.
13. **ALL** grab bars at toilets **MUST** be 36” to 42” long, mounted at 34” AFF.
14. **ALL** accessible (barrier-free) wall mounted cabinets or shelves located above a work surface **MUST NOT** exceed 46” AFF.
15. **ALL** accessible (barrier-free) counters require clear knee space of at least 30”w x 19”D. **ALL** accessible (barrier-free) base cabinets require a 3”D x 9”H toe kick.
16. **ALL** exposed hot water pipes and drains **MUST** be insulated or otherwise protect wheelchair users from burns on the legs.
17. **ALL** objects located on a wall between 27” and 80” AFF **MUST NOT** protrude more than 4” into an egress path of travel.
**Instructions:** Before you begin designing this project, please complete the following tasks:

1) Thoroughly review the project description and the Project Code Requirements.
2) Review the house plans and photos provided.
3) Develop a written design concept.
4) Using the information from the project description and class discussions, create a detailed programming document and a program criteria matrix.
5) Prioritize needs, determine equipment needs, inventory items to reuse and identify new products to propose.
6) Field measure items to reuse.
7) Keep all notes and schematic drawings for your individual project notebook due on Feb. 7th.

After completing the preliminary review, please complete your design following these instructions:

1) Your floor plans must be free-hand sketched in ink, and must be drawn to ¼" scale.
2) Incorporate all furniture, fixtures and equipment listed in your programming document. Sketch these items to scale. Indicate existing items to be reused.
3) Include necessary notations and explanations to help clarify selections.
4) Label each plan with room names/number and indicate the sq. footage centered under the room name.
5) Keep track of all specifications and sizes for your equipment, furniture and finishes. You will code all these items drawn in the final “team” plans (ex: C1, D1, etc.) and cross reference it to a digital image of the item. Examples will be provided to help clarify for the team component.
6) Poché all walls using one of the methods shown in class.

Use the following instructions for completing the **individual component** of the project:

1) Bind all trash drawings (no larger than 11 x 17) in sequential order. Create a title page that includes your logo/title and concept statement for the project. Include all other images/inspiration found to date. This package should be very loose and schematic in nature and can take on the appearance of a concept journal.
2) Include your final detailed programming document and program criteria matrix in your binding at the front of the package.
3) Prepare a digital slide show of your best concepts to present to class on Tuesday, Feb. 7th. Include your top solution for the following spaces:
   a. Upstairs and Downstairs bathroom renovation
   b. Foyer
   c. Student Lounge
   d. 2 other spaces of your choice
4) The slide show should include a scan of each of your best sketched plans (inked) with furniture layouts for each of the spaces previously listed, a minimum of 5 ideation sketches (can be drawn as overlays of KHH photos provided on website), and provide 3ea ¼” scaled sketched elevations from the bathrooms and student lounge area. Plans, elevations and sketches do NOT have to be rendered at this time.

5) Show digital examples of the proposed materials, furnishings, lighting, artwork, etc. you envision for the KHH.

6) Be ready to “sell” your ideas to class on the 7th. Everyone will vote for their favorite ideas.

Use the following instructions for completing the **team portion** of your project:

7) Team Projects can be presented as 18 x 20 digital boards or as a spiral bound booklet in a size not to exceed 11 x 17. Use the program’s binding machine if you are binding. In addition, the team should prepare a digital slide show to share with the class on March 8th.

8) If using boards, they must be professionally dry-mounted.

9) Select or design a team logo / title for the project and include it on the boards or booklet’s title page. The logo can be hand drawn or computer generated.

10) Identify the following information on the back of the boards or booklet: Project Title, team member names, class, semester and year. Please type this information.

11) All drawings, elevations, renderings, and images shown must be labeled using a professional font, (10-12pt size). Include the scale for the plans and elevations and indicate NOT TO SCALE for 3D sketches.

12) All drawings should be hand sketched and rendered. Include notations and justifications as necessary to explain selections. Make sure to identify existing items that are being reused.

13) Finish materials MUST include actual samples that are mounted, labeled or numbered and cross referenced to a detailed finish specification listing.

14) A typed concept statement MUST be included.

15) Digital images of all proposed furniture and equipment must be included along with all specifications. Specification information should include: manufacturer, model number, color number, etc.

16) A proposed budget by area for each line item is also required. The team will work with a local designer to get assistance with this portion of the assignment.

**Finish Materials:** You will consider and provide examples for the following finish materials. ALL materials should be commercial grade. Keep a record of the manufacturer, model numbers and furniture sizes for all selections.

1) Flooring: Resilient (sheet vinyl, vinyl tile, linoleum, cork, etc.) Hard (wood, porcelain tile, bamboo, laminate, etc.) or Soft (carpet, carpet tile.) Think about flooring patterns, durability, and ease of installation and maintenance.
2) Walls: GWB: Paint, Wall coverings, wall tiles for the bathrooms
3) Ceilings: GWB (paint) and/or Lay-in-tile (LIT)
4) Architectural Details: moldings, baseboards, cabinetry, countertops etc. Can be paint or stained wood.
5) Furniture: wood finish, fabrics for seating. See program for specific furniture needs.
6) Accessories: Artwork, sculpture, plants, window treatments, decorative lighting fixtures, etc.

Summary of Check Dates: (refer to website for most accurate schedule)

Jan. 24th Preliminary (typed) Program Due 5 pts
Jan. 26th Individual Concept Statement, typed, Revised/final Program due 5 pts
Jan. 31st Meet at Anderson’s 8:00 – 10:30 5 pts
Feb. 2nd Preliminary sketched Floor Plans 5 pts
Feb. 7th Present concept ideas to class 55 pts
Feb. 9th Field Measuring with Professional 5 pts
Feb. 14th Team Meeting at Andersons 5 pts
Feb. 16th Team FF&E selections 5 pts
Feb. 23rd Team Final Plans 5 pts
Feb. 28th Team Elevations/3D view 5 pts
March 1 Digital layouts – book or boards 5 pts
March 6 Team Budget Sheets 5 pts
March 8 Team Presentation @8:30 and Project Due by 5:00 250 pts

NOTE: Late projects are NOT accepted. Projects should be turned in at the point of completion by 5:00 p.m. on the deadline. No exceptions. Project extensions are awarded in the case of a documented excuse and should be requested BEFORE the deadline passes.
ID STUDENTS

PLEASE USE DESIGNATED COMPUTERS FOR PRINTING!
Cut the meat! I am a jerk.

THANK YOU!