AAE 382 Architectural Design II Syllabus Part I (of II) Spring 2010
School of Architecture, University of Las Vegas-Nevada

Credits: 4

Type of Course: Design Studio

Instructors: Janet White, PHD, Assistant Professor
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Office Hours: 8:00 AM – 11:00 AM TTH

Prerequisites: AAE 380

Time & Location: AAE 382.01(Kemner Studio) M/W/F 8:30 AM – 11:50 AM ARC 248
AAE 382.02 (White Studio) M/W/F 1:00 PM – 4:50 PM ARC 249

Course Description: Intermediate studies in architectural design, exploring the relationships between various programmatic models, normative building types, and technological themes in specific physical, urban, and cultural contexts.

NAAB Criteria: This course addresses the following NAAB Criteria:
A.1. Communication Skills: Ability to read, write, speak and listen effectively.
B. 6. Comprehensive Design: Ability to produce a comprehensive architectural project that demonstrates each student’s capacity to make design decisions across scales while integrating the following SPC:
A.2. Design Thinking Skills B.2. Accessibility
A.5. Investigative Skills B.4. Site Design
A.12. Building Materials and Assemblies: Understanding of the basic principles utilized in the appropriate selection of construction materials, products, components, and assemblies, based on their inherent characteristics and performance, including their environmental impact and reuse.

In addition, the course reinforces the following NAAB Criteria:
A.3. Visual Communication Skills: *Ability* to use appropriate representational media, such as traditional graphic and digital technology skills, to convey essential formal elements at each stage of the programming and design process.

A.6. Fundamental Design Skills: *Ability* to effectively use basic architectural and environmental principles in design.

C.1. Collaboration: *Ability* to work in collaboration with others and in multi-disciplinary teams to successfully complete design projects.

NAAB defines “*Ability*” to mean: “the skill in using specific information to accomplish a task, in correctly selecting the appropriate information, and applying it to the solution of a specific problem.” More information regarding the 2004 NAAB Conditions of Accreditation and the Student Performance Criteria may be gathered by going to the NAAB website at [www.naab.org](http://www.naab.org).

**Pedagogic Objectives:**

This course is designed to further learning and understanding of the architectural design process and, as such, addresses items of performance criteria set forth by the National Council of Architectural Registration Boards (NAAB) in its 34-Point Student Performance Criteria by providing increasingly complex architectural design projects with emphasis on programming techniques, site planning, development of architectural concepts, and transformation of those concepts into cohesive and coherent building and site designs.

**Completion Req.s:**

In addition to the successful completion of project submittals, each student must, before a final grade will be issued by the Instructor, prepare and submit a final portfolio documenting all projects completed during the semester. The final portfolio shall be submitted in both hard copy (11”x17” format) and on a CD. Any model that is an integral part of a final presentation shall be photographed and included in the portfolio. The hard copy portfolio shall be a bound document, using a comb binder available through the school office. No stapled or un-bound portfolios will be accepted.

**Evaluation:**

Your grade for this course will be determined by the number of points earned for each project. The combined possible points for all projects will not exceed 100. The total possible points for each project will be announced prior to the completion of the project. The standard University grading scale will be used (see Part II of this Syllabus, “The Rules”).

**Calendar:**

End of project Juries will be conducted on the following dates:

March 10th  Mid Semester Review
April 28th  End of Semester Review
Intermediate reviews will be held at the discretion of your Instructor. Refer to individual project statements for schedule of intermediate presentations.

The following holidays will be observed:
January 18th Martin Luther King Day
February 15th Presidents’ Day
March 29th – April 2nd Spring Break

**Recommended Texts:** *The Architect's Studio Companion: Rules of Thumb For Preliminary Design.* Edward Allen and Joseph Iano (NA2750.A556 2002eb)

*Green Building Advisor* (CD-ROM)


*Landscape Graphics.* Grant Reid, ASLA.


*ADA Technical Assistance* (CD-ROM)
Available from: [http://www.usdoj.gov/crt/ada/adahom1.htm](http://www.usdoj.gov/crt/ada/adahom1.htm)

*Cradle to cradle: Remaking The Way We Make Things.* William McDonough and Michael Braungart (TD794.5.M395 2002)


*Sustainable Communities: A New Design Synthesis For Cities, Suburbs, and Towns.* Sim Van der Ryn & Peter Calthorpe, eds. (HN90.C6S93 1991)

*Drawing and Designing With Confidence – A Step-By-Step Guide.* Mike W. Lin, ASLA