AAE 482 | SoA

Curso Description: Advanced studies in architectural design, emphasizing the application of analytical, conceptual, and representational skills within projects that engage cultural, ecological, technological, urban and urban contexts.

Prerequisites: Successful completion of AAE480

Course Load: This is an upper division design course with 6-credit units and 12 contact hours per week. As with all previous design studios, the course load holds an additional expectancy of extensive extracurricular hours outside of studio time in order to meet basic research requirements and to complete assignments deemed necessary to receive UNLV credits for this course.

Mandatory Attendance: SoA Lecture Series

Course Summary: This is your last design studio as an undergraduate student and the opportunity to seek pertinent answers regarding the living conditions and life styles American Cities are undertaking to spearhead towards midcentury growth. Under this umbrella the City of Las Vegas is projected to re-examine the plans and goal of how its citizens live in a city whose entertainment industry focuses in augmenting the inflow of its transient population. For this reason, one large conversation our studio will undergo deals with the ideal perspectives of how housing in the midcentury milieu will unfold. Most important it is a design studio that seeks to answer fundamental questions such as: What are the emerging urban crisis of American cities? Are environmental crisis consider or defined by current city leaders? What technologies can assist mankind to diminish these crises in the 21st century? _To explore answers, the studio will examine novel concepts and define quality living conditions that could service Las Vegas citizens. Here, through the completion of specific assignments, the studio will start by examining technologies and build a bank of critical knowledge about cultural living ideologies that will affect living conditions a decade and a half into the 21st century.

For this class, students are expected to gradually advance their work towards the design production of novel housing standards for specific sites in Downtown Las Vegas. The design proposals must also define the emerging type of families that are now prevalent in the USA. i.e.: the senior citizen, the veteran, the young, the single parent, roommates, artist, living/working spaces…etc. Ask _Are Las Vegas citizens aspiring to live transient lives, fragmented
episodes of marginalized urban prospects, or in need of becoming flourishing societies within one large melting cell?

These investigations must include [but are not limited to] the following work:
- theoretical study models
- reflection of research representation within propose study models
- animated videos of site analysis and ideas

This is an independent design assignment; each student will need to produce his/her own narrative and design work, seeking to demonstrate understanding of the pros & cons influencing, advancing, enhancing, or destroying preconceive living standards for the 21st century. All require research must also showcase your ability to engage and pursue diverse design tools and applied design techniques pertinent to our evolving discipline.

**Course Objectives:** Students will learn to engage in research driven design projects, apply traditional and projective design methods using all available tools including all types of emerging software. They will be engage in developing speculative design work that is data driven and learn to decipher how current needs for quality housing is prominent in understanding competitive design environments that become novel living aproaches.

**Attendance Requirements:** Attendance to all classes, for the full duration of each class, is mandatory. Any warm body occupying a studio's seat is not representative of class attendance. Attendance is taken through the development of work as forward for review at every studio meeting. Also note that as the instructor I will administer a grade down for any of the following actions:
- Three unexcused absences without evidence of an emergency.
- Advance scheduling of appointments during studio time, such as: medical appointments that are not emergencies, job interviews, car repairs, etc.
- Doing other work not pertinent to studio goals during studio time.
- Using Social Media during studio time.
- Three-recorded studio absentees due to missing work and professional ethics that demonstrate a student’s inability to listen, participate in class discussions and engage in the overall interest of the studio’s designing processes.
- Slacking in the development of significant design progress beyond class time as recorded during every studio meeting.

All students are liable for providing evidence of emergencies and excused absences.

**Course Methodology and Learning Outcomes:** The course is a model of an interactive lab per emerging design practices that adhere to advance the art of building concepts for public buildings. This method will require that students actively engage in studio culture for the duration of every class meeting and after class time. Accordingly, this course is about:
- Analytical thinking processes
• Novel visual representations
• Highly crafted model making processes

*Studio meetings are professional and deadlines are necessary to visualize progress and reach final goals.*

**Course Requirements:** Note that we will have multiple exercises that require diverse representational productions in drawing, model and film formats. Instead of textbooks, expect to invest a minimum of $500.00 [perhaps more] to produce require work using diverse printing processes, purchasing materials for model building, accessing new software and the SoA shop.

**GRADING:** The process is cumulative and reflective of class performance as reviewed during every class meeting and in consideration of comments by invited jurors or faculty reviewers across different pin-ups or final presentations. The following sequence reflects percentages of the grading system and no one will be allowed to skip a portion of the sequence without impacting their final grade.

- 25% -Analysis and Propose Models
- 15% - Ability to advance Analytical Representation
- 10% -Site Analysis
- 15% -Design Development
- 15% -Students Advance Concepts
- 20% -Final Project

**Per Academic Standards**

A = Superior  
B = Above average  
C = Average  
D = Below Average  
F = Failing

**Re-viewing, reading, listening, and projecting:**

requirement: **Formulate an** in-depth analysis of the following data and add to the list as you advance your research. Consider all information unfolded by guest presenters and meditatively refer to data produce during class time.

then: **Prepare** to make a pin-up presentation the 3rd week of the semester February 01, 2016; the week thereafter you must complete a thorough **examination that is representative of an** in-depth research and analysis and propose site analysis. Your research presentation must include conceptual drawings, theory diagrams, plus text and personal film productions inspire by the research.

http://www.npr.org/programs/ted-radio-hour/

http://www.is-architects.com/contact/

http://www.architectmagazine.com/awards/the-architecture-of-2016-pritzker-winner-alejandro-aravena_o

http://mergearchitects.com/marginal-street-lofts/


https://www.youtube.com/watch?v=m-fRq8WtWk

https://vimeo.com/67177328

**Note:** The information in this syllabus is intended only for instructional use of students register to Professor Maria del C. Vera’s Design Studio class at SOA | UNLV: AAE 482 spring 2016 and to be use for the purpose of this specific class. Do not act upon, print, disclose, copy, retain or redistribute unless authorize. Additionally, this class does not allow any type of recordings without Prof. Vera’s consent.

### Design Studio CALENDAR

<table>
<thead>
<tr>
<th>Week</th>
<th>Month</th>
<th>Date</th>
<th>Day</th>
<th>Event</th>
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<tbody>
<tr>
<td>1</td>
<td>January</td>
<td>18 M</td>
<td>Martin Luther King Jr. Day</td>
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<td></td>
<td>20 W</td>
<td>Introduction + Guest Speaker TBA</td>
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<td>22 F</td>
<td>Class Reviews+ Guest Speaker TBA</td>
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<td>2</td>
<td></td>
<td>25 M</td>
<td>Class Reviews+ Guest Speaker TBA</td>
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<td>27 W</td>
<td>Research Pin-Up + Guest Speaker TBA</td>
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<td>29 F</td>
<td>Class Reviews + Guest Speaker TBA</td>
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<td>3</td>
<td>February</td>
<td>01 M</td>
<td>Class Reviews + Guest Speaker TBA</td>
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<td>03 W</td>
<td>Class Reviews + Guest Speaker TBA</td>
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<td>05 F</td>
<td>LA _trip?</td>
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<td>4</td>
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<td>08 M</td>
<td>Site Analysis + Program Proposal</td>
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<td>10 W</td>
<td>Idea Development</td>
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<td>12 F</td>
<td>Idea Development</td>
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<td>15 M</td>
<td>Washington B. Day</td>
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<td>17 W</td>
<td>Program Due</td>
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<td>19 F</td>
<td>Development</td>
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<td>6</td>
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<td>22 M</td>
<td>Pinup with study model due</td>
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<td></td>
<td>24 W</td>
<td>Continue design development</td>
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<td>26 F</td>
<td>Plans &amp; Sections</td>
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<td>7</td>
<td>March</td>
<td>29 M</td>
<td>Revise Model + Plans &amp; Sections</td>
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<td>02 W</td>
<td>Continue development</td>
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<td>04 F</td>
<td>Continue development</td>
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<td>8</td>
<td></td>
<td>07 M</td>
<td>New Model +Plans and sections</td>
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<td>09 W</td>
<td>Revised Plans and Sections</td>
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<td></td>
<td>11 F</td>
<td>3D work</td>
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### UNIVERSITY POLICY:

**Academic Misconduct** – Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the Student Academic Misconduct Policy (approved December 9, 2005) located at: [http://studentconduct.unlv.edu/misconduct/policy.html](http://studentconduct.unlv.edu/misconduct/policy.html).

**Copyright** – The University requires all members of the University Community to familiarize themselves with and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect nor defend you nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: [http://www.unlv.edu/provost/copyright](http://www.unlv.edu/provost/copyright).

**Disability Resource Center (DRC)** – The UNLV Disability Resource Center (SSC-A 143, [http://drc.unlv.edu/](http://drc.unlv.edu/), 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, please notify your instructor of any disability-related accommodations you are using.

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**Wk 9**
- **MID SEMESTER**
- 14 M: Pinup
- 16 W: Advance models & conceptual representations
- 18 F: Advance models & conceptual representations

**Wk 10**
- 21-25 **Spring Brake Recess**

**Wk 11**
- 28 M: Advance Model+ Drawings toward Final Production
- 30 W: Advance Model+ Drawings toward Final Production

**April**
- 01 F: Pinup of Final Production

**Wk 12**
- 04 M: Review
- 06 W: Review
- 08 F: List final requirements

**Wk 13**
- 11 M: Review Final Proposals & Requirements
- 13 W: Preliminary Drawings
- 15 F: Preliminary Pin-UP

**Wk 14**
- 18 M: Final Model Printing Week
- 20 W: Assemblage of Final Models
- 22 F: Final Models Presented

**Wk 15**
- 25 M: Final Production
- 27 W: Final Production
- 29 F: Printing Day

**May**
- 02-06 **FINAL PRESENTATION WEEK**
Disability Resource Center, bring your Academic Accommodation Plan from the DRC to me during office hours so that we may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach me before or after class to discuss your accommodation needs.

Religious Holidays Policy – Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the end of the first two weeks of classes, September 5, 2014, of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: http://catalog.unlv.edu/content.php?catoid=6&navoid=531.

Incomplete Grades - The grade of I – Incomplete – can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

Tutoring – The Academic Success Center (ASC) provides tutoring and academic assistance for all UNLV students taking UNLV courses. Students are encouraged to stop by the ASC to learn more about subjects offered, tutoring times and other academic resources. The ASC is located across from the Student Services Complex (SSC). Students may learn more about tutoring services by calling 702-895-3177 or visiting the tutoring web site at: http://academicsuccess.unlv.edu/tutoring/.

UNLV Writing Center – One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance. Appointments may be made in person or by calling 702-895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: http://writingcenter.unlv.edu/

Rebelmail – By policy, faculty and staff should e-mail students’ Rebelmail accounts only. Rebelmail is UNLV’s official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students’ e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. Emailing within WebCampus is acceptable.

Final Examinations – The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: http://www.unlv.edu/registrar/calendars.
Students may consult with a Librarian on research needs. For this class, the subject librarian is http://www.library.unlv.edu/contact/librarians_by_subject. UNLV libraries provides resources to support students access to information. Discovery, access, and use of information are vital skills for academic work and for successful post-college life. Access library resources and ask questions at http://www.library.unlv.edu/.

Any other class specific information - (e.g., absences, make-up exams, extra credit policies, plagiarism/cheating consequences, policy on electronic devices, specialized department or college tutoring programs, bringing children to class, policy on recording classroom lectures, etc.)