

VIST405 - Visual Studies Studio III Syllabus

Fall 2011, Tue, Thu 2:20 – 5:10 pm

Instructor: Jinsil Hwaryoung Seo

email: hwaryoung@tamu.edu

office hours: thu 1:00-2:00 (By appointment)

TA: Morgan Jenks

email: mjenks@viz.tamu.edu

office hours: thu 1:00-2:00 (By appointment)

Prerequisites

VIST 305, CARC 301, or VIST 494

Course Description

Theory and practice in the art and science of the visual image; scientific and mathematical principles as process; information theory and sensorial design; interactivity and user integration; integration of real and virtual environments including lighting design and material definition.

VIST 405 will expand on previous studio experiences exploring the interplay of physical and virtual experiences. During the course of this studio, insights, concepts and useful processes will be explored in order to expand the understanding of physical, mixed and virtual worlds. This studio provides students with the opportunity to develop skills, knowledge and aesthetic experience in the concept of mixed reality at the forefront of immersive and interactive media art and design.

Learning Outcomes and Course Objectives

Upon successful completion of this course students will be able to:

- Explore and utilize experimental concepts and techniques
- Explore senses and embodiment in interactive art
- Include completed projects from the class in their portfolio
- Present their work with greater impact and coherence

Course Calendar

IMPORTANT - All finished projects must be turned in on the due date with high quality digital documentation (blog).

Phase 1: The Introduction of Virtuality Continuum

Week 1: Introduction, Setting up a portfolio site and or a blog, Virtuality Continuum

Phase 2: Virtual Reality Space (Design, Development)

Week 2: Navigable Space, Immersive Space Design

Week 3: Immersive VR Techniques, Bodily Interaction Design

Week 4: Immersion/Presence, Stereoscopic Display

Week 5: System Test, Presentation of Project 1

Phase 3: Mixed Reality Space: Concept

Week 6: Augmented Reality Space, 3D Projection Mapping

Week 7: Presentation of Project 2

Phase 4: Mixed Reality Space: Design

Week 8: MR in Interactive Art/Public Art

Week 9: Environment Research, Storyboard, Design Proposal

Phase 5: Mixed Reality Space: Development

Week10: Contents Development

Week11: Interaction Design

Week12: Working Session

Week13: Working Session

Phase 6: Dissemination

Week14: Final Presentation and Exhibition

Grading Policies

- Students in VIST 405 will be evaluated according to the following criteria:
- Project 1: 20%
- Project 2: 20%
- Project 3: 40%
- Research + Documentation: 15%
- Class Participation: 5%
- TOTAL 100%

In support of the above attendance and punctuality is essential. Only one unexcused absence will be allowed without penalty. Beginning with the second occurrence, a 1 point deduction will be made for each unexcused absence. University rules related to excused and unexcused absences are located on-line at <http://student-rules.tamu.edu/>

Additional Ground Rules

1. You are responsible for receiving and responding to email I send as part of the class. I will use the official email address provided in the class roster. This is typically in the form yourname@tamu.edu. Be sure you are receiving email sent to that address.
2. Attendance will be taken at the start of every class.
3. If you are not ready for presentations or to hand in an assignment, don't skip class. Your contributions in the form of participation are important, and missing class will not prevent lateness penalties.
4. Always observe safe practices using equipment and media. Spray paints, glues, and other aromatic substances should be used in the outdoor painting booths.
5. You are responsible for anything noted in this syllabus whether it is discussed in class or not.
6. Class time for studio work must be spent on assignments for this class and not others.
7. Note that your final project is due at the last class meeting. Final projects turned in after the last class meeting will be graded as late assignments.

Grading Scale

A / 100-90 B / 89.9-80 C / 79.9-70 D / 69.9-60 F / 59.9 and below

The instructor's qualitative judgment of the student's exercises, and projects will include such factors as preparation, presentation, conceptualization, technical application, documentation, and aesthetic effectiveness.

The instructor's qualitative judgment of the student's in-class participation will include such factors as attendance, preparation, and informed contribution to discussions and critique sessions.

Grading Practice

As an aide to understanding the method by which your assignments are evaluated, read the following carefully. The actual grading criteria will be related to these categories but will be more specific to the given assignment. The scores noted below are relative to a 100 % assignment.

F: 60 and below: The student work is unresolved; the intentions are unclear and major criteria or goals lack resolution; Presentation is incomplete and/or of poor quality; There is a complete lack of problem solving intent, artistic content and/or visual merit.

D: 60 - 70: The work has problems in two or more major areas; Skill and problem development is marginal or incomplete; The project lacks imagination and/or design/artistic potential.

C: 70 – 80: The student has completed the basic assignment, but the work lacks depth of understanding; Some aspects are not completely satisfied and the work contains little promise even though most issues have been addressed.

B: 80 – 90: The student work shows imagination and potential; Presentation and visual content is good; The assignment requirements are fulfilled but in need of more refinement or development; There are no major issues that would require a total redesign of the project.

A: 90 – 100: The student work has imagination and the response to the assignment show understanding and thought; The work is highly developed and well presented; The entire project shows depth and breath and is well coordinated; The project potential has been achieved.

Attendance

The University views class attendance as the responsibility of an individual student. Attendance is essential to complete the course successfully. University rules related to excused and unexcused absences are located on-line at <http://student-rules.tamu.edu/>.

Plagiarism

In this course, we want to encourage collaboration and the free interchange of ideas among students and in particular the discussion of reading and writing assignments and review questions, approaches to solving them, etc. However, we do not allow plagiarism, which, as commonly defined, consists of passing off as one's own the ideas, words, writings, etc. which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you have the permission of that person. Plagiarism is one form of scholastic dishonesty. If you have questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under the section on Scholastic Dishonesty.

Please note the use of source code, software libraries, images and sound, and other materials from outside sources is only allowed when it is clearly declared at the time the assignment is turned in, and when doing so does not violate copyright or other limitations stipulated by the original creator.

Aggie Honor Code

"An Aggie does not lie, cheat or steal, or tolerate those who do"

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System.

For additional information please visit: <http://www.tamu.edu/aggiehonor/>

American Disabilities Act

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>

Vandalism

Any vandalism of CARC property will be considered criminal mischief and may lead to expulsion from TAMU.

Syllabi

Is subject to change based on the needs of the class