

DIGITAL PROJECTION DESIGN

COURSE NUMBER: DIG 5555C	CREDIT HOURS: 3
SEMESTER/YEAR: FALL 2015	CLASS LOCATION: NRG 0205
	CLASS MEETING TIME(S): M 1:55-2:45, W 1:55-3:50
INSTRUCTOR: <i>Patrick Pagano</i>	OFFICE LOCATION/HOURS: CSE413 MWF 9:30-1025
CONTACT PHONE: 294-2000	CONTACT EMAIL: PAT@DIGITALWORLDS.UFL.EDU
COURSE TA OR COORDINATOR: TBD	COURSE WEBSITE: http://lss.at.ufl.edu

COURSE COMMUNICATIONS: Students can communicate directly with the instructor regarding the course material. Students are also encouraged to post general questions to the discussion board through the course management system.

COURSE DESCRIPTION: Digital Projection Design offers a hands-on approach to the design, planning and execution of digital projections in a variety of performance spaces by using a combination of industry standard and open source research software tools. Students configure and test a large set of media formats in a variety of display situations and venues. Student will present a multi-screen digital projection media project, a research process weblog and collaborate with engineers and artists. Students will study “patches” created in several software environments and develop their own software interface. In the second project, students will customize, implement and then deploy digital projections for a live performance showing of works. Students may develop a new media piece or “remediate” a historical work covered in the text(s). Students will be required to timeline and defend their proposed work to the class.

Multiple learning challenges arise from presenting a digital media project in a visualization environment. Students work as “projection designer” of a presentation and then present it in a live show format. A second more advanced, enhanced and developed Final project is presented in a similar fashion. A wide variety of challenges related to digital media visualization can be demonstrated during the preparation and execution of projects using a variety of content for midterm and final digital media projects. Students are encouraged to build upon their midterm with the final, enabling an extended focus and opportunity to enhance, rework and re-present a particular work

PREREQUISITE KNOWLEDGE AND SKILLS: Graduate standing or upper-division undergrad status and/or consent of Instructor.

PURPOSE OF COURSE: Clear explanation required

COURSE GOALS AND/OR OBJECTIVES: By the end of this course, students will be able to:

1. Understand the historical & theoretical aspects of projection design.
2. Demonstrate fluency with industry standard projection design software.
3. Prepare an interactive GUI for repeatable accurate performance.
4. Design effects and cue content for digital media projection.
5. Recognize and use a wide variety of content types for a digital projection.

COURSE SCHEDULE:

The FINAL EXAM TIME SCHEDULED FOR THIS COURSE will be announced in advance of each semester by the University of Florida Registrar's Office at <http://www.isis.ufl.edu>

Week	Topic	Assignments/Quizzes
1	Rise of the Video Projection- GRAD ASSIGNMENT ASSIGNED	Marc Mayer. "The Emergence of Video Projection."
2	Resources for Designers	Blogs and forums Online Reading 1
3	Working with Projection VJ LIVE	VJ LIVE PROJECT Assigned
4	After Effects 1	VJ LIVE PROJECT DUE
5	After Effects 2	AE Project
6	Isadora 1	Isadora Abstract w/audio assigned
7	Isadora 2	Online reading 2

8	Isadora 3	Screen/space reading
9	Interactive video technologies	Isadora Project Due
10	Looking At works	Brakhage, Deren, TBA
11	Projection Mapping	Projection mapping Project
12	Controllers	Final Project Assigned
13	Operating the Reve	
14	TECH WEEK	
15	Final Presentations	Final Project Due

REQUIRED TEXTBOOKS:

1. EXPANDED CINEMA by Gene Youngblood (online)
2. Light and The Artist by Thomas Wilfred (online)
3. Screen/Space the projected image in contemporary art edited by Tamara Todd

EVALUATION OF GRADES

Assignment	Total Points	Percentage of Grade
VJ LIVE PROJECT	20	20x%
AFTER EFFECTS PROJECT	20	20x%
Participation – Students are expected to actively participate in class discussions, both in class as well as in class online forum after each class meeting.	10	10x%
FINAL PROJECT	20	20x%
ISADORA abstract w/ audio PROJECT	20	20x%
Grad Paper on Youngblood text	10	10x%

GRADING SCALE:

Letter Grade	% Equivalency	GPA Equivalency
A	94 – 100%	4.0
A-	90 – 93%	3.67
B+	87 – 89%	3.33

B	84 – 86%	3.00
B-	80 – 83%	2.67
C+	77 – 79%	2.33
C	74 – 76%	2.00
C-	70 – 73%	1.67
D+	67 – 69%	1.33
D	64 – 66%	1.00
D-	60 – 63%	.67
E, I, NG, S-U, WF		0.00

More information on grades and grading policies is here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

COURSE POLICIES:

ATTENDANCE AND PARTICIPATION POLICY:

We value **participation** more than mere **attendance**. Each instructor is responsible for communicating the specific details of what percentage of your grade (if any) will be assigned to participation, and how will class participation be measured and graded.

- a. Attendance/participation for online students is gauged by online activity in approved online forums and class blogs. Traditional students can refer to <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>
- b. At the sole discretion of the instructor, documented emergencies or medical situations may be the only acceptable reasons for an excused absence. At the very least, students must contact the instructor 24 hours before class time if they wish to be considered for an excused absence.
- c. Students are responsible for satisfying all academic objectives as defined by the instructor.. Online students will be counted for participation based upon forum or blog posts and interaction with topics discussed in class via posting relevant threads, comments and appropriate links based upon the topics assigned in class

MAKE-UP POLICY:

Presentations may not be presented late. Documented emergencies or medical situations may be the only accepted reasons for an excused absence on the day of a presentation.

COURSE TECHNOLOGY: The students will be required to have access to, and use a personal computer with the access to the Internet. Word editing software will be required for written assignments.

UF POLICIES:

ACADEMIC INTEGRITY:

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: *"We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity."* You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment."* It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see:

<http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>

CLASS DEMEANOR:

Students are expected to arrive to class on time and behave in a manner that is respectful to the instructor and to fellow students. Please avoid the use of cell phones and restrict eating to outside of the classroom. Opinions held by other students should be respected in discussion, and conversations that do not contribute to the discussion should be held at minimum, if at all.

UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES:

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

UNIVERSITY POLICY ON ACADEMIC MISCONDUCT:

Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>.

NETIQUETTE: COMMUNICATION COURTESY:

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions and chats, more information can be found at: <http://teach.ufl.edu/docs/NetiquetteGuideforOnlineCourses.pdf>

ONLINE COURSE EVALUATIONS:

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

GETTING HELP

For issues with technical difficulties for E-learning in [Canvas](#), please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail your instructor within 24 hours of the technical difficulty if you wish to request a make-up.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for:

- Counseling and Wellness resources
- Disability resources
- Resources for handling student concerns and complaints
- Library Help Desk support

Disclaimer: This syllabus represents the instructor's current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.