PROJECTION MAPPING

COURSE NUMBER: DIG 4841C	**INSTRUCTOR:** MICHAEL CLARK
SEMESTER/YEAR: SPRING2019	**OFFICE LOCATION/HOURS:** MCCARTY 101 M 2 – 3 PM; DW 116 T 12 – 3 PM
CREDIT HOURS: 3.0	**CONTACT EMAIL:** MICHAEL@DIGITALWORLDS.UFL.EDU
CLASS LOCATION: NRG 0205	**CONTACT PHONE:** (352) 294-2000
CLASS MEETING TIME(S): T 8 – 9, TR 9	**COURSE WEBSITE:** elearning.ufl.edu

COURSE DESCRIPTION

This is a course that will introduce students to the process, research, and planning involved in site-specific projection solutions.

PREREQUISITE KNOWLEDGE AND SKILLS

- BA in Digital Arts and Sciences major

PURPOSE OF COURSE

This course will challenge the advanced graphic student to think in terms of exploring a new medium and applying architectural styles in new ways.

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

1. Recap significant architectural periods, styles, and trends
2. Understand the requirements of projector placements, system considerations, electrical systems etc.
3. Analyze, discuss, and demonstrate effective communication of concepts and data via visual presentations

COURSE SCHEDULE:

Individual assignments will be explained in detail as the course progresses. 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.registrar.ufl.edu/soc/

DATE	TOPIC	Assignments Given & Due
<u>WEEK 01</u>	-Introductions, review of upcoming coursework Introduction to Classroom Technology	<u>Assign – Millumin intro</u>
WEEK 02	A review of Architectural Styles. Identify UF Campus.	Assign: Field Study
WEEK 03	Projection Angle and Placement considerations, Technology	Assign: Signal Flow and Rendering

	Considerations for Projector Location	
WEEK 04	Power and Routing Considering Costs	Assign REVE install
WEEK 05	Formatting and Mapping Methods and Ideas	
WEEK 06	Production Work on REVE install	Assign History Project.
WEEK 07	Exploring Time-lapse cinematography	Assign Time-lapse video
WEEK 08	Production Work on History Project	Assign Xray Project
WEEK 09	Workflows with Outside Applications	Assign XRAY video
WEEK 10	Production work on XRAY video	
WEEK 11	3d projection systems	Assign 3d manipulation of architecture
WEEK 12	Possible Class Capstone Project	
WEEK 13	Possible Class Capstone Project	Assign Campus Décor Project
WEEK 14	Production work on Campus Decor	Review of Class Projects
WEEK 15	Final Exam	NO EXAM

REQUIRED TEXTBOOKS AND SOFTWARE:

While t*here isn't a required textbook, the Instructor will be* suggesting reading and research and sharing a variety of instructional resources. The students will work with a personal "workbook" of visualization sketches and information to refer to at the end of the course. Students should have personal access to the Adobe Creative Suite or CC and Google Drive. Other technologies will be introduced during the course session.

COURSE FEES:

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Course fees are assessed for certain courses to offset the cost of materials or supply items consumed in the course of instruction. A list of approved courses and fees is published in the Schedule of Courses each semester. (UF-3.0374 Regulations of the University of Florida).

Material and supply and equipment use fee information is available from the academic departments or from the schedule of courses (Florida Statutes 1009.24). The total course fee for this class is $0.0

The total course fee for each course is listed on the UF Schedule of Courses. (https://registrar.ufl.edu/soc/).

EVALUATION OF GRADES

Assignment or Course Component	Points	Percentage of Grade
Various Class Assignments	100	60%
Research and Culminating Project	100	25%
In Course Participation – Students are expected to actively participate in class discussions, both in class as well as in class online forums outside class meetings.	100	10%
Attendance	100	5%

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 – 59%	0.00

More information on grades and grading policies is here: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

COURSE POLICIES:

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PARTICIPATION / ATTENDANCE

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 class participation will be measured and graded. Real Time [RT] interaction with your peers and the Instructor will empower you to greater achievement. Attendance to receive the proper instruction and example is paramount to your success in this class   if your absence cannot be avoided please contact the Instructor prior to the class session that needs to be missed. More than one (1) unexcused absence will result in a deduction of 5% of the participation grade for each missed session.

MAKE-UP POLICY

Late assignments or Missed Exams will be marked down unless a prior arrangement is made. Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx

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. Students should have personal access to the Adobe Creative Suite or CC and a working knowledge of Photoshop and Adobe Premiere are expected. Other technologies will be introduced during the course session.

COURSE COMMUNICATIONS

Students can communicate directly with the Instructor regarding the course material through the course management system (CANVAS). Electronic communication must demonstrate a formal tone and style and, unless absolutely urgent, will be responded to M-F 10am – 6pm

ASSIGNMENTS

There are a number of class projects. It is important to complete the class projects in the time assigned, as completed projects will become the basis for continued projects. Most projects will need to be completed in the week interim between course meetings.

GRADING

Your assignment grades will be based on these factors:
- Your understanding of the assignment and your ability to follow instruction
- The completion of the project during the time required
- That all factors that are in the assignment are addressed completely and correctly
- Your quality, level of research, preparedness and ability to discuss your project using the correct terminology when called upon.

COURSE TECHNOLOGY SUPPORT:

The Technology Support Center provides computer support for Digital Worlds students who access Visimeet, lecture recordings, student equipment, facilities and other technology-based resources.

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http://digitalworlds.ufl.edu/support

For computer assistance related to Visimeet, lecture recordings, student equipment, and facilities request please Submit a Help Ticket or email support@digitalworlds.ufl.edu.

For support related to account services, technical consulting, mobile device services, software services, administrative support, application support center, and learning support services, please contact the UF Computer Help Desk available 24 hours a day, 7 days a week at 352-392-4357 or helpdesk@ufl.edu.

UF POLICIES:

UNIVERSITY HONESTY POLICY
UF students are bound by The Honor Pledge that states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students 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." The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

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.

STUDENTS REQUIRING ACCOMMODATIONS
Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565) 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.

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/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf

ONLINE COURSE EVALUATIONS

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Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations. 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 evaluation results.

CAMPUS RESOURCES

HEALTH AND WELLNESS

U Matter, We Care
If you or a friend is in distress, please contact umatter@ufl.edu or 352 392- 1575 so that a team member can reach out to the student.

Counseling and Wellness Center
http://www.counseling.ufl.edu/cwc/Default.aspx, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS)
Student Health Care Center, 392-1161.

University Police Department, 392-1111 (or 9-1-1 for emergencies). http://www.police.ufl.edu/

ACADEMIC RESOURCES

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. https://lss.at.ufl.edu/help.shtml.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. http://www.crc.ufl.edu/

Library Support, http://cms.uflib.ufl.edu/ask. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. http://teachingcenter.ufl.edu/

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. http://writing.ufl.edu/writing-studio/

Student Complaints Campus:
https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf

On-Line Students Complaints:
http://www.distance.ufl.edu/student-complaint-process

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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.

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