

DIGITAL DESIGN AND VISUALIZATION

INSTRUCTOR: M Clark	CLASS LOCATION: CSE E413
SEMESTER/YEAR: FALL 2018	CLASS MEETING TIME(S): T & TH, P 6 – 7
Office location/Hours: McCarty 101, M 2 – 3 PM & TH 3 – 4 PM	Contact phone: (352) 294-2000
Credit Hours: 2.0	COURSE NUMBER: DIG6125C
CONTACT EMAIL: MICHAEL@DIGITALWORLDS.UFL.EDU	COURSE COMMUNICATION: UF E-LEARNING

COURSE DESCRIPTION

Learn and apply design thinking and visualization/sound skills to virtual and augmented environments.

PREREQUISITE KNOWLEDGE AND SKILLS

Admission in MA DAS program or consent of instructor.

PURPOSE OF COURSE

Creation of 2D and 3D content for large-scale visualization systems employed in the creative services and industrial design fields. Providing participatory experience in controlling multi-screen sound and visualization environments in both intermediate and large-scale display environments

COURSE GOALS AND/OR OBJECTIVES

By the end of this course, students will be able to:

1. Obtain basic understand of the technologies used in design and visualization.
2. Understand the characteristics and design elements for visualization.
3. Apply visualization skills to various projects.

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 <https://registrar.ufl.edu/soc/>

There is no final exam for this course

Week	Topic	Assignments/Quizzes
1	Introduction to MIDAS projects	
2	Design Critique and Evaluation	Build a promotion of a classmates Project.
3	Conceptual Design and Illustration	
4	Model Mockup and Prototypes	Concept Project

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5	Identity and branding	Complete set of Visualizations of Project
6	Class Discussion current design considerations	
7	Discussion on Digital Light and Rendering	Render Project
8	Discussion of Design Protections	

REQUIRED TEXTBOOKS AND SOFTWARE

1. Adobe Suite
2. Maya/Modo

RECOMMENDED MATERIALS

1. Internet Access
2. Camera
3. Laptop Computer

COURSE FEES

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 \$17.00

The total course fee for each course is listed on the UF Schedule of Courses.

[\(https://registrar.ufl.edu/soc/\)](https://registrar.ufl.edu/soc/).

EVALUATION OF GRADES

Assignment	Total Points	Percentage of Grade
Awareness and Identity Project	TBA	20%
Participation – Students are expected to actively participate in class discussions	TBA	20%
Concept Project	TBA	20%
Render Project	TBA	20%
Visualization Project	TBA	20%

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

PARTICIPATION / ATTENDANCE 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 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 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.

COURSE TECHNOLOGY

The University of Florida and Digital Worlds requires that students have access to and on-going use of a laptop/mobile computer for DIG courses in order to be able to function in the current learning

environment. Students are required to access electronic forms of information, submit assignments and communicate with other students and faculty electronically.

COURSE TECHNOLOGY SUPPORT:

The [Technology Support Center](http://digitalworlds.ufl.edu/support) provides computer support for Digital Worlds students who access Visimeet, lecture recordings, student equipment, facilities and other technology-based resources. <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

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>

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.