DIG 3313C – 2D Digital Animation Tech

Instructor
Chelsea Cantrell

Phone
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Email
Canvas Mail

Office Location
Zoom

Office Hours
TBD - Zoom

Course Number
DIG3313C

Semester/Year
Fall 2020

Course Credits
3 credits

Course Location
ONL - Sync

Course Meeting Times
T 1:55 – 2:45PM
TH 1:55 – 3:50 PM

Course Description

This course is designed to instill an understanding of animation principles and produce quality 2D Digital animations implementing these principles and exploring various techniques. During the course of the semester the students will be assigned 8 weekly projects and two group-based projects focused on principles that utilize key aspects of the required software. For the final project each student will create an animated film, 15-20 seconds in length, through which they will learn the production process of animation including writing a treatment, storyboarding, timing through animatics and final rendered animations.

Pre-Requisites
DAS major

Objectives: By the end of this course, students will be able to:
• Identify and apply the 12 Animation Principles
• Have an understanding of timing and motion through key-frames, holds and in-betweens
• Relate knowledge of various animation history and techniques
• Describe characteristics of well-designed and executed animation
• Demonstrate skills in the use of industry standard tools

Required Materials
Richard Williams, "The Animator's Survival Kit"
• Lynda.com (FREE access to UF students)
• Toon Boom Harmony (essentials, or premium)
• Adobe CC 5. Two-Monitor setup for software instruction (ONLINE students)
• Laptop Computer

Recommended Materials
- Drawing tablet

Course Schedule

This schedule is only a guide and is subject to change. Unless otherwise indicated, assignments and readings are due the day they are listed on the syllabus, not the following day. Each week starting week 2, there will be a critique of work.

Week	Subject	Assignment/Quizzes	Assignments Due
Week 1	Introduction to the class: • Course overview: software and supplies, computer lab hours, resubmit policy, assignment and date review Principles of Animation 1: - Timing and Spacing Charts - Squash and Stretch Software intro: interface and major tools Toon Boom 1	Project 1: motion	9/11 - 11:59 PM
Week 2	Principles of Animation 1: - Timing and Spacing Charts - Squash and Stretch Software intro: interface and major tools	Project 2: ball bounce	9/18 - 11:59 PM
Week 3	Principles of Animation 2: - Slow In, Slow Out - Squash and Stretch - Timing - Anticipation	Project 3: Bringing Shapes to Life	2/25 - 11:59 PM
Week 4	Principles of animation cont. Software tools / in class demo	Project 4: walk cycle	10/2 - 11:59 PM
Week 5	- Principles of Animation - Staging - Solid Drawing - Appeal Character Design: Optimization for Puppet - Reference - Personality - Visual Contrast - Replacement Parts	Project 5: walk cycle w/ personality	10/9 - 11:59 PM
Week 6	• Review of Character Designs Concepts of Design - Composition of a scene - Color Design - Value - FG, MG, BG elements - Shot Composition Principles	Project 6: puppet behavior	10/16 - 11:59 PM
Week 7	• Review: Character Encountering Obstacle Intro: Animation in professional fields Replacement Animation - Lip Sync - Stop Motion	Project 7: lip sync <mark>Final: Overview</mark>	10/23- 11:59 PM
Week 8	• Poetry, Music and Animation - Creating a mood - Visual Abstraction - Overview of Text	Project 8: build a scene **Treatment due same day**	10/30 - 11:59 PM
Week 9	Review: Animation Expressing Mood/Emotion Writing a Treatment Story vs Theme Visual Techniques for Theme/Story Creating a mood: Color, Texture, Composition	Treatment cont.	11/6 - 11:59 PM
Week 10	• Review: Treatment Storyboarding Shot Composition Directing the Audience Transitions -PS: Demonstration of storyboard setup in Photoshop -AE: Setting up a Simple 3D Environment, Precomping (character), Animating the Camera, Cutting Between Cameras Work on Storyboards	PASS 1	11/13 - 11:59 PM
Week 11	• Review: Storyboards (In-class presentation) Creating an Animatic AE: Show how to import storyboards a	<mark>FINAL CONT.</mark>	12/4 - 11:59 PM
Week 12	History of advertising and strategic communication • What is advertising and how is it used • Production process in advertising • Illustration Demo :Type, Gradients, Overview Wrap-up		11/20 11:59 PM
Week 13	Review progress and critique. In-class work sessions	<mark>Final Project Checkpoint 1</mark>	11/20 11:59 PM
Week 14	**Lab week: Collaborate with Class and instructor as you complete your final submissions.**	--	--

Week	Subject	Assignment/Quizzes	Assignments Due
Week 15	FINAL CRITIQUE	<mark>Final due Process Due</mark>	12/5 11:59 PM
Week 16	No exam	---	---

Evaluation of Grades

Assignment	Total Points	% of Grade
WEEKLY ASSIGNMENTS – for 10 weeks, students are met with an assignment challenge to demonstrate their knowledge of the software discussed. Weekly assignments all have the same rubric to be referred to when completing each project.	200	20%
GROUP PROJECTS – Collaborative assignments throughout the semester demonstrating effective teamwork and communication	200	20%
READINGS based on lecture/ textbook material.	250	25%
Class Participation and Attendance – Students are expected to actively participate in class discussions, both in class as well as in course online forums and outside class Group meetings.	100	10%
FINAL– Digital composite utilizing project management, process, and techniques learned throughout the semester.	250	25%

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/UGRD/academic-regulations/grades-grading-policies/

Materials and Supply Fees

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 $0.00.

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

Course Polices

Attendance Policy, Class Expectations, and Make-Up Policy
We value participation more than mere attendance. The 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. Interaction with your peers and the instructor will empower you to greater achievement.

Attendance will be taken via zoom. You must be logged in for the majority of class to be marked present. For example, 10-20 minutes late will not be marked against you. 30 minutes late will be considered an absence. There is no limit to absences, as your attendance is averaged into your final grade. Class participation is recorded through discussion posts and replies on canvas, as well as discussion in zoom. Discussion in zoom will be prompted by the instructor in the form of critiques and lecture topics.
make up work: Discuss with your instructor directly any issues concerning make up work. Meetings should be scheduled one on one to discuss your situation and feasibility.

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/UGRD/academic-regulations/attendance-policies/

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.

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. Digital Worlds requires each student's laptop computer to meet certain minimum specs for heavy graphics use, the requirements documented below must be met.

DW Technology Requirements

Course Communications
Students can communicate directly with the instructor regarding the course material through the course management system (CANVAS) using "Canvas Mail".

Course Recordings
Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to

consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Course Technology Support

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

For computer assistance related to Zoon, 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 Computing 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 which 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 (https://www.dso.ufl.edu/sccr/process/student-conduct-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 who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center. Click here to get started with the Disability Resource Center. It is important for students to share their accommodation letter with their instructor and discuss their access needs, 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

Software Use
All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Student Privacy
There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see:
http://registrar.ufl.edu/catalog0910/policies/regulationferpa.html

Course Evaluation
Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Click here for guidance on how to give feedback in a professional and respectful manner. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students here.

Campus and Academic Resources

U Matter, We Care: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit U Matter, We Care website to refer or report a concern and a team member will reach out to the student in distress.

Counseling and Wellness Center: Visit the Counseling and Wellness Center website or call 352-392-1575 for information on crisis services as well as non-crisis services.

Student Health Care Center: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit the Student Health Care Center website.

University Police Department: Visit UF Police Department website or call 352-392-1111 (or 9-1-1 for emergencies).

UF Health Shands Emergency Room / Trauma Center: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; Visit the UF Health Emergency Room and Trauma Center website.

E-learning technical support: Contact the UF Computing Help Desk at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

Career Connections Center: Reitz Union Suite 1300, 352-392-1601. Career assistance and counseling services.

Library Support: Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center: Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.

Writing Studio: 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.

Student Complaints On-Campus: Visit the Student Honor Code and Student Conduct Code webpage for more information.

On-Line Students Complaints: View the Distance Learning 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.