

Syllabus for VFX-374 – Digital Compositing I

Course Information

Name: DIGITAL COMPOSITING I
Course #: VFX-374-401
Quarter: Fall 2015
Time: Tuesday 13:30 - 16:45
Campus: LOOP
Room: CDM 922
System: D2L

Instructor Information



Instructor: Savvas Paritsis (Assistant Professor)
MFA-NYU-Tisch School of the Arts
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Office hours: Tuesday 17:30 - 20:30
Advising hours: Tuesday 10:00 - 13:00

Course Summary

Compositing is the art of combining all the elements of a Visual Effect in one frame, making it look like it was all shot at the same time, under the same lights, with the same camera.

This class introduces the fundamental techniques of digital compositing, using Adobe After Effects. It also introduces students to the design, planning and production workflows of a modern VFX project, through a VFX story written, planned and produced in class.

Learning goals

Upon successful completion of this course, students will be expected to:

- apply the fundamental techniques of compositing: transparency, keying, tracking.
- research and analyze current Hollywood movies in order to learn the most recent techniques used in VFX.
- fully plan and execute a Visual Effects production, from conception to final execution and compositing.
- build and lead a VFX team in a project.

Prerequisites

There are no prerequisites for this course, but some familiarity with Photoshop and Adobe Premiere Pro would be very useful.

Grading

Please note that late assignments will not be accepted. You must submit on time, even if you are not able to come to class on that particular day. There are many ways to submit material online. Make sure to read and understand the notes provided in class.

- Assignments: 50%
- Final Project: 25%
- Attendance: 25%

Textbooks

After Effects Apprentice - Real World Skills for the Aspiring Motion Graphics Artist

- Publisher: Focal Press; 3rd edition (August 23, 2012)
- ISBN-13: 978-0240817361
- Link: [After Effects Apprentice](#)

In addition, students have access to **Lynda.com**, where you can find all the lessons and materials contained in the book. To connect to Lynda.com, follow the link and log in with your Campus Connect ID: [Lynda.com Login](#)

Required Supplies: External Hard Drive

All our class exercises and home assignments deal with projects and media. It is the responsibility of the student to back up all projects & media. Do not leave your projects on the lab computer and always make sure to back up your portable drive to another drive back home. Please note: hardware problems are not acceptable as an excuse for late submissions.

Ideally, your drive should run at 7200 rpm, have a capacity of at least 500 GB (1 TB preferred) and have Thunderball and/or FW 800 connections. USB3 is marginally acceptable, USB 2 is not.

Week-by-week

Week 1 - Introduction

Introduction to Compositing and After Effects: Fundamental concepts of Compositing, Introduction to the AE Interface & Tools

Week 2 - Basic Animation

Basic Animation: Fundamentals of animation, Keyframes & Transform properties, Anchor Point, Keyframe types, Motion Sketch, Smoother, Project Settings & Parameters

Week 3 - Layer Control & Blending

Layer Control & Blending: Layer Editing, Stacking, Work Area, Effects & Presets
Assignment #1 is due.

Week 4 - Transparency A

Transparency - Part A: Mask & Pen tool, Bezier curves
Assignment #2 is due.

Week 5 - Transparency B

Transparency - Part B: Track Matte, Luma Matte, Stencils
Assignment #3 is due.

Week 6 – Keying

Keying: Import Issues, Footage Interpretation, Keylight basics

Week 7 – Tracking & Output

Tracking: Stabilization, 1-point tracking, 4-point tracking
Assignment #4 is due.

Week 8 – Additional Keying & Tracking tools

Color Correction, Alpha painting, Mocha Demo
Assignment #5 is due.

Week 9 – Group Project Review

Group presentations & Notes

Week 10 - Recap & Final Project Review

Recap & Final Project: Wish list, Questions, Final project

Course Policies

Changes to Syllabus

This syllabus is subject to change as necessary during the quarter. If a change occurs, it will be thoroughly addressed during class, posted under Announcements in D2L and sent via email.

Online Course Evaluations

Evaluations are a way for students to provide valuable feedback regarding their instructor and the course. Detailed feedback will enable the instructor to continuously tailor teaching methods and course content to meet the learning goals of the course and the academic needs of the students. They are a requirement of the course and are key to continue to provide you with the highest quality of teaching. The evaluations are anonymous; the instructor and administration do not track who entered what responses. A program is used to check if the student completed the evaluations, but the evaluation is completely separate from the student's identity. Since 100% participation is our goal, students are sent periodic reminders over three weeks. Students do not receive reminders once they complete the evaluation. Students complete the evaluation online in [CampusConnect](#).

Academic Integrity and Plagiarism

This course will be subject to the university's academic integrity policy. More information can be found at <http://academicintegrity.depaul.edu/>. If you have any questions be sure to consult with your professor.

Academic Policies

All students are required to manage their class schedules each term in accordance with the deadlines for enrolling and withdrawing as indicated in the [University Academic Calendar](#). Information on enrollment, withdrawal, grading and incompletes can be found at: <http://www.cdm.depaul.edu/Current%20Students/Pages/PoliciesandProcedures.aspx>

Students with Disabilities

Students who feel they may need an accommodation based on the impact of a disability should contact the instructor privately to discuss their specific needs. All discussions will remain confidential.

To ensure that you receive the most appropriate accommodation based on your needs, contact the instructor as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the Center for Students with Disabilities (CSD) at: csd@depaul.edu.

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