

## **ANI 201: Animation I**

Monday & Wednesday | 1:30-3:00pm | CDM Room 722

Instructor: Amy Lockhart

My email: alockha3@cdm.depaul.edu

Office Hours: 1:45-2:45pm, Monday and Wednesday, and by appointment

Office: CDM 516

**COURSE DESCRIPTION:** This course is an introduction to the art and practice of animation. It is a studio-based class, which emphasizes learning through process, experimentation and creation. Students will explore the limitless possibilities of animated motion in the context of cinema, computer games, the Internet, and fine art. All genres and styles are within the scope of this class, including Anime, cartoons, CG, experimental art and special effects. We will discuss the current role and future potential of animation in our society, as well as its significance in other cultures.

This course is designed for the student who wishes to pursue further study in the field, providing intensive practice of the basic skills and methods through production. If this isn't you, you should consider ANI 101 instead (Animation for Non-Majors).

**COURSE OBJECTIVES:** Upon the completion of this course, students will possess a solid foundation of animation skills and a broad understanding of the field and its history, both artistic and commercial. Other goals of this class include: to introduce an extensive vocabulary of animation terms, to focus your attention on the technical and aesthetic decisions of the creative process, to encourage you to develop a personal approach to making animation, and to instill good work habits in each student. Students will leave this class prepared for further study in whatever specialized form of animation they may choose to pursue.

**MORE:** The weekly assignments and critiques are set up as a way to learn, practice and hone various animation techniques. It is best to approach them as training exercises – which we will critique together, as a team, for the benefit of all. Think of it as practicing an instrument or sport. The limitations of the assignments are intended to both challenge the student and focus their attention on the essential elements of the particular technique being taught. This practice will culminate in the final assignment – a personal short film (15-30sec.). Think of it this way: we are a team, working together, practicing and honing our craft for the big game (i.e. your final assignment). It's about trying, failing, and getting better – not about being perfect.

**REQUIREMENTS:** Each student is required to attend class on time, stay for the duration of class, to give full attention to screenings and lectures in class, to produce assignments demonstrating their grasp of technical concepts and ability to think creatively, to participate in discussion and critiques, and to have a respectful, positive, hard-working attitude throughout the semester.

**ASSIGNMENTS:** Assignments must be submitted on **D2L ONE HOUR BEFORE** class starts.

**PROJECTS** All projects will be submitted as **Flash .fla files, or Quicktime .mov files**, created with **H264/AAC compression** (see specific assignments for details).  
Text docs should be submitted as **Word or PDF** files.

Files should be labeled as follows: **LastName\_ProjectName.mov**

**Completed projects not submitted on the due date will be lowered one full grade, and can only be submitted for credit by 5pm of the following day. If your final project is not submitted in time for critique, it will be lowered two full grades, and you will only have until the next day 5pm to hand it in for any credit.**

You will be expected to put in 6 hours a week outside the classroom. Those who want to get more out of the class will put extra time toward their projects. During the end of the quarter, you can expect to put in more time, as you will be making your final project.

**VIDEOS** The Richard Williams Masterclass videos are an incredible resource that passes down the craft developed during the “Golden Age” of Disney and Warner Brothers, and you will be expected to watch these videos outside of class to prepare for lectures.

**READING** There are two required texts for this course, and you will be assigned reading from them each class. These books are available at the DePaul bookstore.

### **REQUIRED TEXTBOOKS:**

- *The Animator's Survival Kit* (ASK), Expanded Edition, by Richard Williams (Faber, 2009)

**SOFTWARE:** In this course we will use Photoshop, After Effects and Flash. I will give brief demonstrations of these programs, for more detailed help you should watch tutorials online.

*Adobe TV* [https://helpx.adobe.com/learn.html?promoid=KTTAU#/top\\_products](https://helpx.adobe.com/learn.html?promoid=KTTAU#/top_products)  
*Lynda* <http://offices.depaul.edu/is/services/technology-training/Pages/online-training.aspx>  
OR <http://www.lynda.com/>

**EQUIPMENT CHECKOUT:** There are cameras, lights, sound equipment, Stop Motion Animation Kits, Wacom tablet pens, and more available for your use in the 9th floor Equipment Cage. The Equipment Checkout Policy is available for download on D2L.

### **EQUIPMENT, MATERIALS & SUPPLIES:**

*External Hard Drive or Flash/USB Drive* (min. 16GB) for backing up your work. Always back up your work! Lost work is not an excuse for an incomplete assignment.

Online File Storage Site Account to backup work if you forget your USB/External Hard Drive (Box.net, Dropbox.com).

A sketchbook (any size) and drawing materials. If you don't already do so you will need to begin a daily drawing/sketching practice – from life and/or imagination.

Various art supplies on an as need basis for the Stop-Motion Animation Assignment and the Final Assignment, (e.g., clay, paper, glue, X-acto knife, etc.).

**LAB HOURS AND LOCATIONS:** Students enrolled in Animation classes have automatic swipe access to 527, 722, and 803. Students enrolled in CDM classes have automatic swipe access to the 1<sup>st</sup> floor lab

(PC), 4<sup>th</sup> floor lab (PC and MAC), 634 (PC) and the Student Center labs on the Lincoln Park Campus (PC and MAC). Labs are open 7 days a week.

\*\* Rooms 527 and 722 have Cintiqs

For a complete list of computer lab hours, locations, and machine availability:

<http://www.cdm.depaul.edu/Current%20Students/Pages/LabsAndResources/LabsandResources.aspx>  
[x](#)

**ATTENDANCE POLICY:** Absences will be excused with a doctor's note, or in the case of family emergency, upon consultation between your advisor and myself.

Student absences are not expected to exceed more than 10% (2 absences) of the number of the classes scheduled for the semester. A second absence will result in the lowering of your final grade one full letter. Any student missing 3 classes will be given a grade of "F" for the semester.

You may not miss the final crit. Doing so will equal an automatic letter grade reduction of your final grade. Make travel plans accordingly!

Tardiness is defined as not in the classroom when attendance is called or departing before the class has been formally dismissed by the instructor. Tardiness that exceeds thirty minutes will be counted as an absence. TWO late arrivals or early departures, or a combination of both, are counted as one absence.

#### **GRADING:**

Morph	5
Bouncing Ball	5
Anticipation (Takes)	5
Follow Through	5
Abstract Animation	10
Limited Animation	10
Puppet Rigging in AfterEffects	
Part 1: Character	5
Part 2: Final Rigged Animation	10
Drawn or Stop-Motion Animation	10
Final Animation	
Part 1: Proposal (storyboard)	5
Part 2: Final Animation	15
Self- Evaluation	5
Participation	10
<b>TOTAL</b>	<b>100</b>

A = 100-93, A- = 92-90, B+ = 89-88, B = 87-83, B- = 82-80, C+ = 79-78, C = 77-73, C- = 72-70, D+ = 69-68, D = 67-63, D- = 62-60, F = 59-0

**EMAIL:** I will answer email within 48-hours, often sooner. Emailing your professor is a great opportunity to practice professionalism. Please consider this when you email me with questions and

concerns. I expect correspondence to be as professional as possible, even if you are writing me from your smart phone.

**CELL PHONE POLICY:** Use of cell phones in the classroom is prohibited. Please turn your phone off before entering class. Mistakes will happen, but repeated failure to turn your phone off will result in a lowered grade for the class. No texting is allowed during class. If I have to ask you to stop texting more than once, there will be a full letter grade taken off your final grade.

**CLASSROOM BEHAVIOR:** If I feel that your behavior is interfering with the professionalism of our classroom (disruption, napping, texting, etc.), I will adhere to the following 3-step protocol: warning email and personal meeting, meeting with advisor or Student Advising, action taken to remove you from the class.

**ACADEMIC INTEGRITY:** Work done for this course must adhere to the DePaul University Academic Integrity Policy, which you can review in the Student Handbook or by visiting:

<http://studentaffairs.depaul.edu/homehandbook.html>

**LEARNING DISABILITIES:** Students who feel they may need an accommodation based on the impact of a disability should contact me privately to discuss their specific needs. All discussions will remain confidential. To ensure that you receive the most appropriate reasonable accommodation based on your needs, contact me as early as possible in the quarter (preferably within the first week of class), and make sure that you have contacted the following offices:

PLuS Program (for LD, AD/HD) 773-325-1677, Student Center #370

The Office for Students with Disabilities 773-325-1677, Student Center #370

## **SCHEDULE:**

\*This schedule is subject to change.

### **WEEK 1**

Wednesday, January 3

**Intro to class:** Go over video requirements, syllabus, readings and videos

**Assignment:** Morphing Animation

**Demo:** motion arcs, animating in passes, animating with keys, frame rate

**Reading:** ASK p. 1-34

**Video:** ASK video 1

### **WEEK 2**

Monday, January 8

**Due:** Morphing Animation

**Assignment:** Bouncing Ball

**Demo:** stretch and squash, timing and spacing and the 5 types of movement

**Reading:** ASK p. 35-60

**Video:** ASK video 2 & 4

Wednesday, January 10

**Due:** Bouncing Ball Animation

**Assignment:** Anticipation

**Demo:** anticipation, takes

**Reading:** ASK P.273-295

**Video:** ASK video 12, 10

### **WEEK 3**

Monday, January 15

**Due:** Anticipation Animation (work in progress)

**Assignment:** Follow through animation (and overlapping action)

**Reading:** ASK p. 217-250

**Video:** ASK video 9

Wednesday, January 17

**Due:** Follow Through and Anticipation Animation

**Assignment:** Abstract Animation

**Demo:** reduction, embodying emotion, not the what but the how, breakdown position – animating with keys and straight ahead

### **WEEK 4**

Monday, January 22

**Working class** – work on Abstract Animation

Wednesday, January 24

**Due:** Abstract Animation

**Assignment:** Infinite Cycles

**Demo:** cycles, animating in Photoshop

**Reading:**

**Video:** ASK video 11

## **WEEK 5**

Monday, January 29

**Working class** – work on Infinite Cycles

Wednesday, January 31

**Due:** Infinite Cycle Animation

**Assignment:** Digital Cut outs and Replacement Animation in After Effects

**Part 1:** Creating Elements in Photoshop

**Demo:**

- creating characters in Photoshop for After Effects – character design, working with silhouettes
- creating replacement animation elements in Photoshop – working with groups and layers

## **WEEK 6**

Monday, February 5

**Due:** First attempt at Photoshop Characters and Replacement Animation elements (These can be fine tuned later).

**Assignment:** Digital Cut outs and Replacement Animation in After Effects

**Part 2:** Puppet Rigging in After Effects with Replacement Animation

**Demo:** importing artwork from Photoshop into After Effects, rigging, parenting, 2.5d parallax effect

Wednesday, February 7

**Due:** Photoshop elements imported into After Effects and rigged

**Assignment:** Digital Cut outs and Replacement Animation in After Effects

**Part 3:** Animating cut outs in After Effects

**Demo:** Animating Digital Cut Outs in After Effects – key frames, effects, time remapping, speed graph

## **WEEK 7**

Monday, February 12

**Due:** Digital Cut outs and Replacement Animation in After Effects - COMPLETE

**Assignment:** Drawn or Stop Motion Animation

**Screening day**

Wednesday, February 14

**Assignment:** Drawn or Stop Motion Animation (continued)

**Part 1:** Animating with Dragon Frame

**Demo:** Dragon Frame

## **WEEK 8**

Monday, February 19

**Assignment:** Drawn or Stop Motion Animation (continued)

**Part 2:** Editing Stop-motion footage and digital collage

**Demo:** Importing footage into After Effects and editing

Wednesday, February 21

**Assignment:** Drawn or Stop Motion Animation (continued)  
Work day

**WEEK 9**

Monday, February 26

**Assignment:** Final animation

**Part 1:** proposal

**Demo:** Storyboards, generating ideas – IN CLASS EXERCISE

Wednesday, February 28

**Due:** Drawn or Stop Motion Animation

**Working class** - one on one meetings to discuss ideas for Final Animation

**Assignment:** Revise storyboard

**WEEK 10**

Monday, March 5

**Due:** Final Revised Storyboard

**Assignment:** Final Animation

**Part 2:** Complete animation based on storyboard

**Demo:** Working with sound and lipsync

**Reading:** ASK p. 304-314

Wednesday, March 7

**Assignment:** Self-Evaluation

**Working class** – individual meetings to assess work in progress

Monday, March 12

**Working class**

Monday, March 19

**Due:** Final Project, Self-Evaluation

**FINAL CRIT**

**MANDATORY ATTENDANCE!**

**Missing the Final Crit will result in your final grade being lowered by one full letter. Make your travel plans accordingly!**