San José State University
Humanities and the Arts Department of Design
Animation and Illustration

SP21: ANI-31 Sec 03 - 2D Animation I

Course and Contact Information

Instructor:	Samia Khalaf
Office Location:	Online
Email:	samia.khalaf@sjsu.edu
Office Hours:	by email appointment
Class Days/Time:	Section 03 M/W 6:00PM-8:50PM
Classroom:	Zoom https://sjsu.zoom.us/j/82642812755?pwd=UVV4MFVIZ25CUnBQZzBXSldnc2VrUT09 Password: Potato2022
Prerequisites:	BA Design Studies or BFA Animation/Illustration majors only **Section 3 Final Screening: May 23rd 5:15PM-7:30PM**

Course Format
This course will generally be divided into half lecture and half production. Class will begin promptly at **6:00PM** and current project topics will be discussed or demonstrated. After lecture, students will be given the opportunity to work on the material discussed in lecture.

Course Description
Introduction to the basic elements of animation and representation. Included are motion and animation exercises to understand mass, movement through space, and reaction to external forces. Progressing to other fundamental animation studies culminating in a short original film of each student's creation.

Students are required to complete a series of exercises in kinetics, motion studies, and action analysis. ANI 31 introduces the professional skill set necessary for a career in the expanding industry of images for film, video, internet, software, gaming, and in print. ANI 31 incorporates learning and classroom

strategies not used in most academic environments. Successful students will find it necessary to be self motivated and fully engaged in the material as well as demonstrate competent drawing skills, understand action analysis, and grasp the fundamental principles of physics and animation. Students will be expected to meet criteria established by the instructor, both their class peers and by industry professionals.

Course Learning Outcomes

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

- Identify the principles/elements of animation; Squash & Stretch, Anticipation, Staging, Follow Through & Overlapping Action, Secondary Action, Exaggeration, Solid Drawing, Appeal, Slowing In & Out, Arcs, Paths of Action, Volumes, Twinning, Strobing, and Silhouetting
- Incorporate the principles of animation into their animation projects
- Begin to convey convincing weight, timing, and attitude in their performances.
- Put the process of key pose, straight ahead, and in between animation into application

Required Texts/Readings

The Animator's Survival Kit, Richard Williams, ISBN:
0-571-20228-4

Other Readings
(and by no means complete- this is only a starting point)

Disney Animation: The Illusion of Life, Frank Thomas and Ollie Johnson ISBN
0-7868-6070-7

Drawn to Life: 20 Golden Years of Disney Master Classes: Volume 1&2 by Walt Stanchfield
Character Animation Crash Course! Eric Goldberg ISBN **-** 1879505975

Layout and Design, Brian Lemay *Advanced Layout and Design*, Brian Lemay

How to Draw Cartoon Animation, Preston Blair

The Nobel Approach; Maurice Nobel and the Zen of Animation Design, Tod Polson

The Animator's Workbook, Tony White *Edward Muyerbridge Complete Human and Animal Locomotion, Vol I, II, III*

Timing For Animation, Harold Whitaker and John Halas

That's All Folks, The Art of Warner Bros., Steve Schneider 50 Greatest Cartoons,

Jerry Beck Atlas of Human Anatomy for the Artist,

Steven Rogers Peck Sketching on Location,

Glenn Vilppu Vilppu Drawing Manual, Glen Vilppu, ISBN 1-892053-03-9 http://vilppu.com

Acting for Animators, Ed Hooks, ISBN 0-325-00580-x

Technology requirements / equipment / material
Students will be required to use camera and mic enabled CPU or laptop with a tablet such as a Wacom Intuos Pro. https://www.wacom.com/en-us/products/pen-tablets/wacom-intuos-pro These tools will be used to run the Adobe Suite available free to SJSU students. https://www.sjsu.edu/ecampus/teaching-tools/adobe/students/index.html Students will need access to the internet to access Zoom meetings, post their work to Google Drive, send and receive emails and announcements.

Animation Links
- http://www.awn.com
- http://www.animationmeat.com
- www.animationmagazine.net
- http://www.animationarchive.org
- http://www.frederator.com
- http://cartoonmodern.blogsome.com
- http://www.cartoonbrew.com
- http://www.penciltestdepot.com/
- http://thinkinganimation.com/
- http://livinglineslibrary

Library Liaison Monika Lehman,
liaison to Design
monika.lehman@sjsu.edu
408.808.2657

Grades and class status can be checked at any time during the semester by making an appointment during office hours.

A series of animation assignments, in-class exercises, in-progress grade checks, and weekly drawings will be assigned throughout the semester. A "B" grade will be awarded to submissions successfully exhibiting the assigned animation principles or criteria for the given project.

All animation assignments and weekly drawings must be posted to the class server **one hour before class** for grading. In-class assignments and in-progress grades will be submitted during class. All

animation work must be exported as .mov files. Students are responsible for previewing the animation file before posting to the server to ensure it plays correctly across platforms.

FAILURE TO FOLLOW DIRECTIONS WILL RESULT IN NO CREDIT

Labeling Work
Folders
Formatted "LastName_FirstName" ex: "Smith_John"

Animation Tests
Formatted "Last name_First name_Test Name" ex. Smith_John_Brick Drop Quicktime .mov file, H264 compression When required, reference (Quicktime, H264 compression) & planning must be posted

Film Assignments
Formatted "Last name_First name_Assignment Name" ex: Smith_John_Animatic

Drawing Submissions
Formatted "Last name_First name_Subject Name" ex: Smith_John_Eye Studies

> Must meet minimum number of studies Must be
> 8.5" x 11" scans, 72 dpi, .jpg files Must be clear
> scans and professionally presented

Grading Information

Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, etc. Refer to the current semester's Catalog Policies section at http://info.sjsu.edu/%20static/catalog/policies.html
Add/drop deadlines can be found on the current academic calendar web page located at https://www.sjsu.edu/registrar/calendar/Fall-2020.php
The Late Drop Policy is available at https://www.sjsu.edu/aars/policies/latedrops/policy/
Students should be aware of the current deadlines and penalties for dropping classes. Information about the latest changes and news is available at the Advising Hub at https://www.sjsu.edu/advising/

Grades will be assigned according to University policy from A through F as outlined in the SJSU catalog. All work must be finished and turned in by deadlines. In keeping with established professional standards any work missing the deadline will receive a failing grade. Students wishing to receive an A grade must turn in all assignments on time and complete excellent work. Students wishing to receive a B grade must turn in all assignments on time and complete above

average work. Students wishing to receive a C grade must turn in all assignments on time and have average work, etc.

LATE WORK WILL NOT BE ACCEPTED

Arrangements must be made well in advance with the instructor for deadline extensions or none shall be granted. In most instances, the student will still have to turn in the work on time. All emergencies will be dealt with on an individual basis. Students with an unforeseen emergency must be prepared to furnish the appropriate paperwork justifying the absence from the class.

Course Assignment Schedules

Class deadlines will be assigned in class throughout the semester. Students will be responsible for keeping track of assignments and deadlines.

A plus = 1000 to 970 points
A = 969 to 940 points
A minus = 939 to 900 points
B plus = 899 to 870 points
B = 869 to 840 points
B minus = 839 to 800 points
C plus = 799 to 770 points
C = 769 to 740 points
C minus = 739 to 700 points
D plus = 699 to 670 points
D = 669 to 512 points
D minus = 639 to 600 points
F = 599 points or lower

LATE WORK WILL NOT BE ACCEPTED

Classroom Protocol

The class will meet promptly at 6pm on zoom. Every class will require the students to bring materials for working and/or will be required to present their progress for review. The instructor will discuss this in class. Students are required to keep a class notebook that is separate from an ongoing sketchbook as mentioned above. A series of animation exercises will be assigned. These exercises are the learning foundation of all animation. At the end of the semester, students are expected to demonstrate a complete understanding and execution of these fundamentals before enrolling in ANI 131.

University Policies

Per University Policy S16-9 (https://www.sjsu.edu/senate/docs/S16-9.pdf), relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for

recording of class, etc. is available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at https://www.sjsu.edu/gup/syllabusinfo/.

Rules of Conduct

1. Be on time. Late arrivals disrupt the class. Don't get stuck in the Waiting Room.
2. Turn off or silence your cell phone or other devices which will cause a distraction to you or the class.
3. Private conversations during lectures and class discussions are not permitted.
4. Mute unless you are asking a question or giving an answer.
5. Carry yourself in a professional manner. Do not log into class meetings in your pajamas or while in your bed. Make yourself presentable.
6. Cancel excess noise. Eliminate beeping smoke detectors, flushing toilets, barking dogs, and other audio distractions.
https://nerdschalk.com/how-to-enable-noise-cancellation-for-meetings-onzoom/#:~:text=Step%201%3A%20Open%20the%20Zoom%20app%20on%20your%20Android%20or,to%20'Use%20Original%20Sound'.
7. Keep cameras on during class unless told otherwise. Should you need to step away from your computer for a moment, turn off your camera but be sure to turn it on again when you return. Your participation grade involves participating.
8. Refrain from eating while in class/meeting.
9. Be prepared to share your screen, appropriately.
10. Use a virtual background and hide those dirty dishes piling up behind you.
https://support.zoom.us/hc/en-us/articles/360045819512-Using-Virtual-Background-in-a-Zoom-Room

Email & Group Contact
Students will be responsible for checking Canvas for class announcements, listed on page one. Class correspondences will be conducted through email.
Click on "Join this Group". If you haven't already done so, please Sign in with Yahoo and then join the group. This will be the forum through which we will establish email contact, post assignment forms, and have access to a calendar of due dates.
Only usernames with your REAL first and last name will be allowed to join.

Final Project
Students will be given assignments and projects which will lead to a final project which will be shown on the Final Screening for the course.
Section 3 Final Screening: May 24th 7:30 - 9:30am

ANI 31 Spring 2022 Course Schedule

Schedule subject to change with notice through class meetings and Announcements in Canvas.

Course Schedule

Week	Date	Topics, Readings, Assignments, Deadlines
1	1/26	First Day! Syllabus review, download software, class expectations, questions Animating in Animate - program layout
2	1/31	Animating in Animate - program layout 02 Slow in/out, in class Spacing exercise
2	2/2	Lecture/Work in class:Ball Bounce in place Read ASK p.39-45
3	2/7	Lecture: Progressive Ball Bounce Due : Ball Bounce in place
3	2/9	Work & Crit: Progressive Ball Bounce Reading ASK p46-57
4	2/14	Due: Progressive Ball Bounce Due: Mini Comic due
4	2/16	Lecture: Brick drop
5	2/21	Work & Crit: Brick Drop
5	2/23	Lecture: Jump Due: Reading ASK 61-68
6	2/28	Due: Jump
6	3/2	Lecture: Paper Drop

		Due: Reading: ASK 70-79
7	3/7	Work & Crit: paper drop Due Character turnaround
7	3/9	Lecture Basic Walks - no arms Due: paper drop Due: ASK 102-109 - 117
8	3/14	Lecture: Adding arms Due:Walk-no arms
8	3/16	Work & Crit: Basic walk with arms Due Reading ASK 118-127
9	3/21	Lecture: Character walks/strides Double bounce, skips, sneaks , limps..etc
9	3/23	Workshop:Work in class Due Reading: ASK 128-131
10	3/28	**Spring break**
10	3/30	**Spring break**

11	4/4	Workshop: Character Walk
11	4/6	Lecture: Greeting card Due: Character Walk 2 nouns 2 adjectives comic exercise
12	4/11	Due: Greeting card first pass Reading: ASK 135-145 Theme park
12	4/13	Lecture: introduce final project Due:Reading ASK 148-155
13	4/18	Lecture: Story Due: Greeting card final Reading ASK 217-235
13	4/20	Storyboard/animatic
14	4/25	Storyboard/animatic

14	4/27	Keys to time
15	5/2	First Pass Animation
15	5/4	Second Pass Animation
16	5/16	Last day of instruction Workshop.
Final Exam	5/23	5:15PM-7:30PM Make sure final work is posted to the drive no less than 2 hours prior to class start. Thank you for taking the class!!

University Policies
General Expectations, Rights and Responsibilities of the Student

As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with SJSU's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arise. See University Policy S90–5 at http://www.sjsu.edu/senate/docs/S90-5.pdf. More detailed information on a variety of related topics is available in the SJSU catalog, at http://info.sjsu.edu/web-dbgen/narr/catalog/rec-12234.12506.html. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not serve to address the issue, it is recommended that the student contact the Department Chair as a next step.

Dropping and Adding

Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, etc. Refer to the current semester's Catalog Policies section at http://info.sjsu.edu/static/catalog/policies.html. Add/drop deadlines can be found on the current academic year calendars document on the Academic Calendars webpage at http://www.sjsu.edu/provost/services/academic_calendars/. The Late Drop Policy is available at http://www.sjsu.edu/aars/policies/latedrops/policy/. Students should be aware of the current deadlines and penalties for dropping classes.
Information about the latest changes and news is available at the Advising Hub at http://www.sjsu.edu/advising/.

Consent for Recording of Class and Public Sharing of Instructor Material

University Policy S12-7, http://www.sjsu.edu/senate/docs/S12-7.pdf, requires students to obtain instructor's permission to record the course and the following items to be included in the syllabus:

• "Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor's permission to make audio or video recordings in this class. Such permission allows the recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; you have not been given any rights to reproduce or distribute the material."

  o It is suggested that the greensheet include the instructor's process for granting permission, whether in writing or orally and whether for the whole semester or on a class by class basis.

  o In classes where active participation of students or guests may be on the recording, permission of those students or guests should be obtained as well.

• "Course material developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent."

Academic integrity
Your commitment, as a student, to learning is evidenced by your enrollment at San Jose State University. The University Academic Integrity Policy S07-2 at http://www.sjsu.edu/senate/docs/S07-2.pdf requires you to be honest in all your academic coursework. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The Student Conduct and Ethical Development website is available at http://www.sjsu.edu/studentconduct/.

Campus Policy in Compliance with the American Disabilities Act
If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 at http://www.sjsu.edu/president/docs/directives/PD_1997-03.pdf requires that students with disabilities requesting accommodations must register with the Accessible Education Center (AEC) at http://www.sjsu.edu/aec to establish a record of their disability.

Student Technology Resources
Computer labs for student use are available in the Academic Success Center at http://www.sjsu.edu/at/asc/ located on the 1st floor of Clark Hall and in the Associated Students Lab on the 2nd floor of the Student Union. Additional computer labs may be available in your

department/college. Computers are also available in the Martin Luther King Library. A wide variety of audio-visual equipment is available for student checkout from Media Services located in IRC 112. These items include DV and HD digital camcorders; digital still cameras; video, slide and overhead projectors; DVD, CD, and audiotape players; sound systems, wireless microphones, projection screens and monitors.

SJSU Peer Connections

Peer Connections, a campus-wide resource for mentoring and tutoring, strives to inspire students to develop their potential as independent learners while they learn to successfully navigate through their university experience. You are encouraged to take advantage of their services which include course-content based tutoring, enhanced study and time management skills, more effective critical thinking strategies, decision making and problem-solving abilities, and campus resource referrals.

In addition to offering small group, individual, and drop-in tutoring for a number of undergraduate courses, consultation with mentors is available on a drop-in or by appointment basis. Workshops are offered on a wide variety of topics including preparing for the Writing Skills Test (WST), improving your learning and memory, alleviating procrastination, surviving your first semester at SJSU, and other related topics. A computer lab and study space are also available for student use in Room 600 of Student Services Center (SSC).

Peer Connections is located in three locations: SSC, Room 600 (10th Street Garage on the corner of 10th and San Fernando Street), at the 1st floor entrance of Clark Hall, and in the Living Learning Center (LLC) in Campus Village Housing Building B. Visit Peer Connections website at http://peerconnections.sjsu.edu for more information.

SJSU Writing Center

The SJSU Writing Center is located in Clark Hall, Suite 126. All Writing Specialists have gone through a rigorous hiring process, and they are well trained to assist all students at all levels within all disciplines to become better writers. In addition to one-on-one tutoring services, the Writing Center also offers workshops every semester on a variety of writing topics. To make an appointment or to refer to the numerous online resources offered through the Writing Center, visit the Writing Center website at http://www.sjsu.edu/writingcenter. For additional resources and updated information, follow the Writing Center on Twitter and become a fan of the SJSU Writing Center on Facebook. (Note: You need to have a QR Reader to scan this code.)

SJSU Counseling Services

The SJSU Counseling Services is located on the corner of 7th Street and San Fernando Street, in Room 201, Administration Building. Professional psychologists, social workers, and counselors are available to provide consultations on issues of student mental health, campus climate or psychological and academic issues on an individual, couple, or group basis. To schedule an appointment or learn more information, visit Counseling Services website at http://www.sjsu.edu/counseling.