

THE ART INSTITUTE OF TAMPA
A BRANCH OF MIAMI INTERNATIONAL UNIVERSITY OF ART & DESIGN

MISSION STATEMENT

Miami International University of Art & Design is a multi-campus, career-oriented institution that provides students with academic preparation and practical skills through programs in the applied arts and design industries. The institution prepares its undergraduate students for entry-level positions and its graduate students for advancement in their chosen fields. The University is dedicated to fostering a culture that encourages creativity, research, and learning-centered endeavors.

COURSE SYLLABUS

Course Number: MAAA212
Course Title: 2D ANIMATION
Class Meetings: **Tuesdays from 1PM to 5PM**
Session / Year: **Winter 2017**
Instructor Name: Krishna Sadasivam
Email Address: krishna.at.ait@gmail.com (preferred)
Telephone: N/A
Office Hours: **posted on sivamstudios.com/ait**

Course Title: **2D Animation**
Course Description: Students will apply animation principles to produce a sequence. Emphasis will be placed on timing and performance. Use of various image acquisition techniques, pencil tests, inking, and other 2D animation skills will be explored.

Course Length: 11 weeks

Contact Hours: 44 hours

Credit Values: 3 credits

Estimated Homework: **8 - 10** hours per week

Quarter Credit Hour Definition: A quarter hour of work is the equivalent of fifty (50) minutes of class time (often referred to as a "contact hour") of instruction per week over the entire term. The credit hour is the unit by which the university measures its course work. The number of credit hours assigned to a course quantitatively reflects the outcomes expected, the mode of instruction, the amount of time spent in class, and the amount of outside preparatory work expected for class. The working understanding is that for every hour a student spends in class, the student will be assigned two hours of work outside the class.

Prerequisite(s): **MAAA102** *Life Drawing & Gesture*

Learning Objectives:

Upon successful completion of the course, the student should be able to:

Demonstrate effective use of timing and weight

- Integrate the principles of animation
- Utilize an exposure sheet for the purposes of timing, emotion and cadence

Apply industry-standard storyboard techniques to animation

- Organize character, composition and performance through a story
- Animate character show a range of emotion

Critique and discuss animation projects

- Utilize proper terminology in critiques
- Critically evaluate story
- Critically evaluate character performance as related to the animation principles
- Identify basic lip sync positions

Produce a cleaned-up animation through an iterative process

- Demonstrate an ability to take an animation sequence through various stages of refinement

Instructional Materials and Reference:

Text(s):

Thinking Animation. Jamie Oliff. Publisher: Course Technology PTR

ISBN: 1598632604 978-1598632606

Technology Needed: 2D animation lab with pencil test station.

Instructional Methods: (Instructional methods include, but are not limited to simulations, case studies, discussion, group work, questioning, presentations, journals, individual projects, etc.)

Grading Scale:

All assignments must have clear criteria and objectives. All students shall be treated equitably. It will be every student's right to know his or her grade at any reasonable time he or she requests it. The criteria for determining a student's grade shall be based on a percentage of total points, as follows:

93 – 100%	= A
90 – 92%	= A-
87 – 89%	= B+
83 – 86%	= B
80 – 82%	= B-
77 – 79%	= C+
73 – 76%	= C
70 – 72%	= C-
65 – 69%	= D+
60 – 64%	= D
0 – 59%	= F

Student Evaluation / Grading Policies:

The following assignments, projects, and exams fulfill the learning objectives for this course:

Sketchbook Project	(midterm check)	50
Sketchbook Project	(final check)	50
Project 1		
Final Animation and Process Presentation		200
Project 2		
Final Animation and Process Presentation		200
Project 3		
Final Animation and Process Presentation		200
In-class activities / participation / critique		100

Electronic Submission of Assignments:

Any assignments submitted to the instructor as electronic attachments to an email are the responsibility of the student. Instructor will acknowledge the receipt of the email to the student within 24 hours of receiving it. If the student does not receive an acknowledgement within 24 hours it is the student's responsibility to contact the instructor, otherwise it is assumed that the assignment has not been sent.

Students with Disabilities:

The University provides accommodations to qualified students with disabilities. The Student Affairs office assists qualified students with disabilities in acquiring reasonable and appropriate accommodations and in supporting equal access to services, programs and activities at the University.

Students who seek reasonable accommodations should notify the Dean of Student Affairs of their specific limitations and, if known, their specific requested accommodations. Students will be asked to supply medical documentation of the need for accommodation. Classroom accommodations are not retroactive, but are effective only upon the student sharing approved accommodations with the instructor. Therefore, students are encouraged to request accommodations as early as feasible with the Dean of Student Services to allow for time to gather necessary documentation. If you have a concern or complaint in this regard, please contact the Dean of Student Affairs in Room. Complaints will be handled in accordance with the school's Internal Grievance Procedure for Complaints of Discrimination and Harassment.

Course Attendance:

The University expects students to attend all scheduled meetings of each course. Students should be prepared to start the quarter on the first day of classes and to add/drop courses early in the first week of the quarter to minimize absences. Absences accrue against the student even if the student was not originally registered for the class but adds it after the start of classes.

Students who do not attend any of their classes during the Add/Drop will be withdrawn from the University. They must contact the Assistant Director of Readmissions to return.

Students must attend a minimum of nine classes per course in order to receive a passing grade in the course. The only exceptions to this policy are graduating seniors and university imposed closings for holidays. Attending fewer than nine classes or 36 hours of course instruction will result in course failure unless the Dean of Academic Affairs determines that there are acceptable extenuating circumstances. Students should be prepared with written documentation of circumstances beyond their control that contributed to the absences for consideration by the Dean. If the student is allowed to remain in the class and receive a grade, there will need to be a description of appropriate make-up work from the respective Instructor. Please note that a student can withdraw from any class through the ninth week without receiving an "F." Course withdrawal forms must be submitted to the Registrar's Office by the close of business on Friday of week nine in order to receive a "W" grade. Holidays and official class cancellations do not count as absences.

REQUIREMENTS

1. Attend all class meetings, arrive on time, and stay for the duration of the class.
2. Faculty policies regarding attendance, tardiness arriving to class and returning from breaks, or leaving class early can be found in the course syllabus.
3. Students who violate the attendance policy will fail the course.

**Consecutive Days
Absence Policy**

A student who is withdrawn for failure to attend any classes within a consecutive ten calendar day period may be permitted to apply for readmission into the subsequent quarter.

Students who miss ten consecutive calendar days may be withdrawn from the University and will receive W's for all courses, if the withdrawal occurs before the end of the ninth week of the quarter, or WF's for all courses, if the withdrawal occurs after the end of the ninth week of the quarter. Students who have been withdrawn due to violation of the consecutive absence policy but are still in good academic standing will be able to return the following quarter through the readmissions process. Students who have been withdrawn and the withdrawal results in a violation of the satisfactory academic progress policy (SAPP) must follow the procedure for appealing academic termination. See the Satisfactory Academic Progress section.

Academic Honesty:

The University does not tolerate plagiarism, cheating, copying or academic dishonesty in any form. Academic integrity policies apply to both the giver and receiver of information. Students who witness any act of academic dishonesty should report the incident to a faculty member,

their Chair, or to another member of the University staff or administration immediately.

Saving Work:

It is the student's responsibility to save his or her work. The student should save and verify multiple copies prior to leaving the classroom. The teacher is in no way responsible for work saved on the hard drives, nor is he or she required to give an extension on work improperly saved. Local and network drives at the University, including all computers in the labs, will be purged regularly and should never be used by students for long-term storage. These drives are available for student use during class and lab sessions, but all data will be deleted on a daily basis. Students are expected to backup all work. Loss, theft, and computer failure are not acceptable excuses for not saving work.

Reminders:

Students wishing to withdraw from a course must do so before week nine. Students wishing to drop a course without penalty must do so the first week of class.

Library:

The Libraries on each campus are one of the most important resources available to students while attending the University. The Library supports learning and encourages intellectual curiosity among students and faculty. The Library staff works in cooperation with faculty to help students develop the ability to find, evaluate, and use information in order to become lifelong learners. To fulfill this mission, the Library develops and maintains a quality collection of books, periodicals, audiovisual materials, and online databases. The Library provides access to remote resources through Internet access and cooperative agreements with other libraries.

WEEKLY CLASS TOPICS AND ASSIGNMENTS

WEEK 1 TUESDAY

Overview: Course Overview, Syllabus Review.

Weekly Objective: Apply principles and define intent.

Review: The 12 Principles of Animation

Acting / Attitude and Animation

Action / Reaction (Cause and Effect)

Storyboarding in the Animation pipeline

Storyboard Basics (Review)

What is an Animatic?

Pushing Poses

Using the Camera / Staging

Pitching your idea!

Lifting / Gripping Demo.

Thinking Time and Motivation.

Digital Storyboards

The Newsmen's Story Guide: Who? What? When? Where? Why?

Start at the End

Reading Assignment and/or Homework:

Sketchbook exercises assigned.

Develop Pitch and complete the storyboards for animation.

WEEK 2 TUESDAY

Overview:

Timing Charts / The Struggle

Weekly Objective:

Review storyboards and pitch / Class Critique

Review: Character Design for Animation

Using references

Working from a Model Sheet

Revising storyboards for clarity / composition

Drawing with Volume - working from simple to more detailed

Using Timing Charts

Animating the Lift / Struggle

Review: The Successive Breaking of Joints

The Exposure Sheet

Staging around a frame vs scene to scene

**Reading Assignment
and/or Homework:**

Revised keyframes due.

WEEK 3 **TUESDAY**

Overview: Organizing a Process Presentation

Weekly Objective:

Timing and Spacing

Breakdown Poses

Presenting your work.

Studio Time to work on Animation.

One on one help as needed.

**Reading Assignment
and/or Homework:**

PROJECT 1 ANIMATION AND PROCESS PRESENTATION DUE NEXT WEEK!

WEEK 4 **TUESDAY**

Overview: Revisiting the Walk Cycle

Weekly Objective:

Project 1 screening and Class Critique!

Interaction / Action

Anticipation

Expected vs. Actual as it applies to humor

Contrast in Objects and Character

Repetition as a tension builder

Camera cuts and Transitions / When to Use Them and What they Mean

**Reading Assignment
and/or Homework:**

Develop Pitch and complete the storyboards for animation.

WEEK 5 (MIDTERM) TUESDAY

Overview:

Weekly Objective:

Project 2 Pitch and Storyboard / Class Critique

Small / Medium / Large

Rhythm and Flow as it applies to staging

Interacting with an Inanimate Object

Directing your audience

Animating Fire / Smoke / Paper

**Reading Assignment
and/or Homework:**

Complete keyframes for animation based on revised storyboards.

WEEK 6 Tuesday

Overview:

Weekly Objective:

Overlapping Action

Smears

Keyframe class critique

Studio Time

One on one help

**Reading Assignment
and/or Homework:**

PROJECT 2 ANIMATION AND PROCESS PRESENTATION DUE NEXT WEEK!

WEEK 7 _____ **TUESDAY**

Overview:

Weekly Objective:

Project 2 animation screening and critique / Process Presentation

Animating a Diving Board

Panning and Zooming in Flash
Animating Speed lines

Splashes and Effects

The Establishing Shot

Working with Backgrounds

**Reading Assignment
and/or Homework:**

Develop Pitch and complete the storyboards for animation.

WEEK 8 _____ **TUESDAY**

Overview:

Weekly Objective:

Project 2 Pitch and Storyboard / Class Critique

Animating a character ON a Diving Board

Cheating the Climb

Falling Down / The Illusion of Speed

**Reading Assignment
and/or Homework:**

Keyframes for Animation Due

WEEK 9 _____ **TUESDAY**

Overview:

Weekly Objective:

Keyframe critique.

Studio Time One on One Help.

**Reading Assignment
and/or Homework:**

SKETCHBOOK CHECK NEXT WEEK!

WEEK 10 _____ **TUESDAY**

Overview: **Final Sketchbook Check!**

Weekly Objective:

Animation should be 95% complete.

**Reading Assignment
and/or Homework:**

FINAL ANIMATION AND PROCESS PRESENTATION DUE!

WEEK 11 _____ **TUESDAY**

Overview: In-class critique.

Weekly Objective:

Final Animation Critique!

**Reading Assignment
and/or Homework:**

DRAW! DRAW! DRAW!

STUDENT / INSTRUCTOR CONTRACT

(DUE AT THE BEGINNING OF CLASS ON WEEK 2)

I, _____, affirm that I have received the syllabus **MAAA212 for Winter Quarter 2017**. Furthermore, I have read the content of this document and understand that I will be held accountable for the assignments and other required work for this class.

I confirm that I have received the following documents:

- MAAA212 syllabus
- Class attendance policy
- Grading criteria
- Statement of Project dues dates and/or deadlines.
- Purchase requirements
- Overview of assignments and class schedule
- The website for the course assignments (<http://www.sivamstudios.com/ait>) and the instructor's contact information (krishna.at.ait@gmail.com)
- I understand that late work will not be graded and will result in a ZERO.

Signature

Date