

# Syllabus : **Computer Animation** 2024-2025

Wednesday 12:00pm - Library

Week	Description
1	<p><u>In Class:</u> overview, human anatomy &amp; why animation is “Eye Candy” to our brains, review history of Animation, basic definitions, learn about frames, discuss animation strategies, Animation history, cartoons (short video – history of Walt Disney (short video).</p> <p><u>Homework:</u> read week1.pdf answer questions 1 – 13</p>
2	<p><u>In Class:</u> Review Animation definitions &amp; strategies, review homework questions, Overview: ‘How to store downloads’, introduce simple animation strategy, learn how animation is generation and the 5 forms of animation, John Lasseter, (video)</p> <p><u>Homework:</u> Read week2.pdf and answer questions</p>
3	<p><u>In Class:</u> Review Questions, Demo: (PC) File Explorer / (Mac) Finder ; Review - how to store downloads, Learn the ‘<u>Types of Animation</u>’</p> <p><u>Homework:</u> Read week3.pdf and answer questions</p>
4	<p><u>In Class:</u> Review last week’s questions, get downloads, Learn the ‘Principals of Animation’, overview / begin gif animation, in class demo.</p> <p><u>Homework:</u> Read week4.pdf and answer questions</p>
5	<p><u>In Class:</u> Review questions &amp; get downloads, six steps to animation, begin Gif Animation project (Words in motion)</p> <p><u>Homework:</u> Read week5.pdf and answer questions</p>
6	<p><u>In Class:</u> Review previous topics and get downloads, Expand gif animation, work on gif animation project (Words in motion)</p> <p><u>Homework:</u> Read week6.pdf, review demo + finalize gif animation project</p>
7	<p><u>In Class:</u> Review Previous topics &amp; get downloads, Introduce MS Paint (Drawing tool) or Mac-PaintBrush, discuss story boards, begin planning next gif animation – drawing animation.</p> <p><u>Homework:</u> Read week7.pdf, review demo + Exercise &amp; begin project</p>
8	<p><u>In Class:</u> Review (previous topics) get downloads, work with MS Paint, expand simple animation strategies, work on gif animation project</p> <p><u>Homework:</u> Read week8.pdf, work on drawing animation (gif)</p>

# Welcome Computer Animation Students

Trinity is a great school, and we are glad you have selected our Computer Animation class for your schedule. We have seen the many benefits of Technology help students to succeed. **Learning builds confidence!**

Animation has a rich history and today's software tools make it easy to explore and have fun. Our class is an introduction to animation topics, and the fundamentals & concepts to create your own animations. Students will learn & critique from a design prospective. **Our goal is to spark a love for technology!**

**Instructor:** Coach Arthur Alton brings 30+ years of both Software Engineering experience and church youth leadership. Leading Children's Church, Missions trips, VBS, Summer Camps, soccer, and more. **He has a passion to encourage our next generation of leaders** and Trinity technology instructor since 2017.

Our class meets Wednesdays 12:00pm in the Library. Please bring your notebook computer to every class. Please note: a Chromebook, MS Surface, or iPad will NOT work, because these O.S. do not support a "File Storage Structure", for weekly downloads (Please contact me for exceptions).

Every class will have a short lecture & demonstration, hands on exercise(s) & downloads, sometimes fun Kahoot, & more. Weekly downloads available: <https://www.alton4chess.com/trinity-computer-animation.html>

## Where to store your weekly Downloads:

**Windows users:** use {File Explorer}. Under(left side) "This PC" find "C:\" we will create a new directory called c:\Trinity , (then a subfolder) Animation . This directory c:\Trinity\Animation Will be the location for each week(s) subfolder, week1, week2, week3, ...

**Mac Users:** {Finder}, under Desktop , create new folder "Trinity" then a folder "Animation" , under this folder you will create week1, week2,...

If you have any questions, please email me at: [Arthur@safecs.com](mailto:Arthur@safecs.com)  
(Please include your student's class name) There are 6 technology classes.

I suggest about 5 – 15 minutes of homework per week; this is optional.