2D Digital Art Software

Course Overview

This course introduces students to GIMP, a popular free and open-source 2D graphics editor. The course will equip students with the skills needed to produce quality digital artwork, including graphic design, photo editing, and digital illustration. By the end of this course, students will have a strong foundation in digital art principles and be able to apply their skills to various projects.

Other free 2D software recommendations:

- [Krita](#) - great for digital painting and illustration, easier to use than GIMP
- [Synfig](#) - for creating vector-based 2D animations
- [Pencil2D](#) - for hand-drawn animations and simple illustrations
- [FireAlpaca](#) - user-friendly for both beginners and advanced users

Course Objectives

- Master the GIMP interface and customize it for personal workflow efficiency.
- Utilize GIMP's wide range of tools for creating and editing digital images.
- Understand and apply layer management for complex digital art projects.
- Develop skills in photo manipulation, including retouching and color correction.
- Create digital illustrations with advanced drawing and painting techniques.
- Prepare and export artwork for various digital and print formats.

Udemy Link

https://www.udemy.com/share/1025gI3@r6NciA5_I2XZXxZ4BXxFooRmJA0q-roZzkOd3DZAGNyzMSOa7Q3eJu3aAUvRl9iylg==/

Unit 1: Intro to GIMP

- ☐ [Download GIMP](#)
- ☐ [GIMP Tutorial](#)
- ☐ Navigating and Customizing the GIMP interface
- ☐ How to Create a New Document in GIMP
- ☐ Opening Images in GIMP
- ☐ Basic Tools - Pencil, brush, eraser, fill, and selection tools
- ☐ Image Manipulation Basics - Resizing, cropping, and rotating images

- ☐ Saving Files - .xcf format
- ☐ Assign and Utilize Keyboard Shortcuts
- ☐ Assignment - Add a New Keyboard Shortcut to Your GIMP
- ☐ Unit 1 Project - Creating a logo using the basic tools

Unit 2 - Intro to Layers & Other Tools

- ☐ Advanced selection tools: Quick mask, fuzzy select, and free select
- ☐ Color and gradient tools: Color picker, color palettes, and gradient editor
- ☐ Text tools: Adding and editing text layers, text formatting, and text effects
- ☐ Filters and effects: Applying filters and effects to images
- ☐ Paths and path tools
- ☐ Intro to Layers - Transparency, Stacking Order
- ☐ Assignment: Reveal the Hidden Shape
- ☐ Layer and Canvas Sizes
- ☐ The Layers Panel
- ☐ Quiz: Intro to Layers
- ☐ Assignment: Adding Multiple Images as Layers

Unit 3 - Advanced Layers

- ☐ Layer Mask Intro
    - ☐ Layer Mask Effects
    - ☐ Draw Gradients on Layer Masks
    - ☐ Layer Context Menu for Layer Masks
    - ☐ Layer Mask Types
    - ☐ Layer Groups
    - ☐ The Quick Mask
- ☐ Assignment: Inverting Layer Mask Colors
- ☐ Create a New Layer Dialogue
    - ☐ Creating a New Composition and Layer
    - ☐ Composite Modes
    - ☐ Layer Opacity and Size
    - ☐ Layer Offset, Fill With, and Switches
- ☐ Quiz: Advanced Layers
- ☐ Unit 3 Project: Create a flier or movie poster