Curriculum- Mastering Graphic Design with PixelLab

1.0   Introduction

This curriculum provides a structured approach to learning the skill, covering foundational concepts/principles, practical skills, leading from beginner to intermediary, mastery until advance levels. Adjustments can be made based on the specific goals, learning pace, and level of expertise of the students. Practical projects and hands-on exercises are essential to reinforce learning and prepare students for real-world scenarios in the field of web design.

2.0   Course Overview

3.0   Learning Objectives

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

1. Understand the fundamentals of graphic design using PixelLab.
2. Develop skills to create professional-quality designs on a mobile device.
3. Apply practical design techniques in real-world scenarios.
4. Enhance soft skills such as creativity, problem-solving, and communication.
5. Prepare for professional opportunities in graphic design.

4.0   Learning Outcome

At the end of study, the students will be equipped with a range of knowledge, skills, and competencies necessary to succeed in the field. The expected outcomes or goals to be achieved include:

Knowledge and Understanding
- Grasp basic graphic design principles.
- Understand PixelLab's interface and tools.

Skills Development
- Create and edit text, images, and shapes.
- Use layers and effects effectively.

Practical Application
- Design logos, posters, and social media graphics.

- Implement design projects from concept to completion.

Soft Skills Enhancement
- Improve creativity and artistic expression.
- Enhance problem-solving and critical thinking.

Professional Readiness
- Build a portfolio of design projects.
- Gain confidence to pursue freelance or professional opportunities.

5.0 Course Outline

Module 1: Introduction to Graphic Design
- Overview of graphic design principles
- Importance of design in communication

Module 2: Getting Started with PixelLab
- Navigating the interface
- Understanding tools and features

Module 3: Text and Typography
- Adding and editing text
- Typography basics and styling

Module 4: Image Editing
- Importing and editing images
- Applying filters and effects

Module 5: Shape and Layer Management
- Creating and customizing shapes
- Working with layers and transparency

Module 6: Advanced Design Techniques
- Using blending modes and masks
- Creating complex compositions

Module 7: Practical Design Projects
- Designing logos and branding materials
- Creating posters and social media graphics

Module 8: Portfolio Development
- Compiling and presenting design projects
- Preparing for professional opportunities

6.0 Assessment Methods

- Quizzes: To test understanding of key concepts.
- Assignments: Practical design tasks to apply learned skills.
- Project Work: Comprehensive design projects to showcase creativity and application.
- Peer Reviews: Feedback sessions to improve designs and collaboration skills.

7.0 Course Prerequisites

- Basic understanding of smartphone usage.
- Interest in graphic design and creativity.

8.0 Course Duration

- 8 weeks (2 sessions per week, 2 hours per session)

9.0 Certification

- Upon successful completion of the course, students will receive a Certificate.

10.0 Enrollment Information

- Course fee: KSH 53,500
- Enrollment deadline: [   ]
- Start date: [   ]

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Appendices on PixelLab
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Main Menu Tabs on PixelLab Software Interface

1. **Home**
   - **New Text:** Add new text to your project.
   - **Import Image:** Import images from your device.
   - **Projects:** Access saved projects.
   - **Settings:** Adjust app settings.

2. **Text**
   - **Edit:** Modify the text content.
   - **Font:** Change the font style.
   - **Size:** Adjust the text size.
   - **Color:** Change the text color.
   - **Style:** Apply styles like bold, italic, underline.
   - **Background:** Add a background color to the text.
   - **Align:** Align text left, center, or right.
   - **Spacing:** Adjust letter and line spacing.
   - **Curve:** Curve the text.
   - **Shadow:** Add shadow effects.
   - **3D Text:** Apply 3D effects to the text.
   - **Opacity:** Adjust the text opacity.
   - **Rotate:** Rotate the text.
   - **Mask:** Mask parts of the text.

3. **Shapes**
   - **Add Shape:** Insert shapes like circles, rectangles, etc.
   - **Edit Shape:** Modify the shape properties.
   - **Color:** Change the shape color.
   - **Opacity:** Adjust the shape opacity.
   - **Stroke:** Add or modify the shape's border.
   - **Shadow:** Add shadow effects to the shape.
   - **3D Shape:** Apply 3D effects to the shape.

4. **Draw**
   - **Brush:** Select brush type and size.
   - **Color:** Choose brush color.
   - **Opacity:** Adjust brush opacity.
   - **Erase:** Erase parts of the drawing.

5. **Image**
    - **Import:** Import images from your device.
    - **Crop:** Crop the image.
    - **Resize:** Resize the image.
    - **Rotate:** Rotate the image.
    - **Flip:** Flip the image horizontally or vertically.
    - **Filters:** Apply filters to the image.
    - **Adjust:** Adjust brightness, contrast, saturation, etc.
    - **Opacity:** Adjust the image opacity.

6. **Background**
    - **Color:** Change the background color.
    - **Gradient:** Apply gradient effects.
    - **Image:** Set an image as the background.
    - **Transparent:** Make the background transparent.

Essential Tools and Functions on PixelLab Software Interface

- **Text Tool** - Add and edit text.
- **Shape Tool** - Add and edit shapes.
- **Brush Tool** - Draw freehand on the canvas.
- **Eraser Tool** - Erase parts of the drawing or image.
- **Import Tool** - Import images from the device.
- **Crop Tool** - Crop the image to the desired size.
- **Resize Tool** - Resize the image.
- **Rotate Tool** - Rotate the image or text.
- **Flip Tool** - Flip the image horizontally or vertically.
- **Filter Tool** - Apply various filters to the image.
- **Adjust Tool** - Adjust image properties like brightness, contrast, and saturation.
- **Opacity Tool** - Adjust the opacity of text, shapes, or images.