

## DIGITAL ART

### - COURSE OUTLINES & STANDARDS

*Digital Art standard taught / Computer Science standard taught /  
Summative assignment/ York Technical College - Dual Credit*

*Note: This is a tentative outline. This outline will be modified and adjusted, as needed.*

## Digital Art & Design 4 – Digital Photography

### 1 credit

#### Week 1

##### Class Orientation/Intro Days/ Class Foundation

Student / Teacher Expectations  
School Safety Instructions  
Review the syllabus, class introductions, safety practices and procedures and class expectations, classroom emergencies, ergonomics. Intro to Tools and Computer Usage, Mac Scavenger Hunt, Fire Extinguisher Training, *What is the difference between film-based and digital photography?* Photography Key Terms. Image capturing settings for your camera.

Term Tuesday – Digital vs Conventional Photography

*A1-6, HS1.CS.1.3, HS1, AP4.4*

#### Week 2/3

##### Photography Research Presentation

New File Set Up, Usage rights, RAW file format, Placing Images, Masking, Layers and Brushes, How to Critique, *Photography Research Presentation: You will be given the name of a well-known photographer from history. Create a Powerpoint about that person describing their biography and key works.*

*J1-2, J8-10, D3-5, E1,3, F1-3,5, N1  
HS1.CS.1.3, HS4.CS.1.3, HS3.CS.1.2,  
HS4.CS.1.2, HS1.AP4.2*

#### Week 4/5

##### Camera Skills –

Terminology, Exposure, ISO, Shutter Speed, Aperture, Manual Focus, Tripods and SLR cameras, Raster VS Vector, Raw vs Jpg, Handheld vs Tripod, Terminology, Contrast, Emphasis, Proportion, Unity, Repetition, Rhythm and Rule of Thirds, Animated GIF *40 Photos: take 5 photos using these compositional constraints - symmetry, asymmetry, rule of thirds, etc. Create contact sheets and present the best one from each constraint in a Powerpoint*

Term Tuesday – Exposure, Camera Raw About Me Portrait Project, About Elements and Principles Animated Gif Presentation, Powerpoint

*Photo of the week – Food Photography, Portrait*

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.CS.1.2, HS2.CS.1.2, HS3.CS.1.2,  
HS.1.DA.1.2, HS1.AP4.2*

#### Weeks 6/7- Environmental Portrait

Selections, Cloning and Healing, Liquify, Changing Teeth Color, Virtual Makeup, Changing Hair Color, Changing Eye Color, Adding Hair, Selections, How to use Scanners, Review of Layers and Masking, how to create a shadow, lighting, hot lights *Urban Nature and Motion: Take 30 shots based on concept of Urban Nature, Take 30 shots based on motion. Get peer feedback. Create contact sheets and present the best in a Powerpoint.*

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Term Tuesday – Positive and negative  
Space, Depth of Field  
Environmental Portrait Project

Photo of the week – Family

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.N1.1.1, HS.1.DA.1.2, HS.2.DA.1.2,  
HS1.AP4.2*

**Weeks 7/8 – Retouching Photos** - Photo  
Restoration, what is the difference  
between Retouching and Restoration,  
Scanning, Healing and Cloning Review,  
layer management, masking review, and  
selections review, *Three Composite  
Photos. Image capturing and editing in  
Photoshop*

Term Tuesday – File Extension

I'm Famous Poster, Virtual Makeup,  
Retouching Final You

Photo of the week – Sunset, Animal

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.AP.4.2, HS1.AP.3.1, HS2.AP3.1,  
HS1.AP4.2*

**Weeks 9/10 – Digital Painting / Photo  
Stories/ Photo Restoration**

Creating artwork with multiple images,  
thinking about lighting, how to use  
Brushes, how to use patterns, composite  
photography, file Formats

Projects – Environmental portrait, Digital  
Landscape, Photo illustration, double  
exposure, *MacroPhotography*

Term Tuesday – Artistic License,  
Reference Image

Ripped Sailor Project, Antique Photo  
Restoration

Digital Landscape Painting, Photo Stories

Photo of the week – Lights, Flowers,  
Close- up

*E1,3, F1-3,5, L1-13, N1-8*

*HS3.CS.2.1, HS1.AP4.2*

**WEEK 11/12 –Conceptual Photo  
Illustration/ Billboard Design**

*FSA Photographer Research*

*Presentation* - Creating a Visual  
Composition to communicate an idea to  
an audience, understand target  
audience, combine photography and  
design,

Projects – Magazine Cover or DVD cover  
Design, Billboard Design, Communicating  
a message, make custom shapes,  
working with layers

Term Tuesday – Resolution

Conceptual Photo, Billboard Project

Photo of the week – Reflection,

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.AP4.2*

**WEEK13/14 – Prep for Final Projects**

Projects – Photo Story, *Multi-Exposure  
Photos: using a tripod, camera timer,  
staging, concept, photo-editing in  
Photoshop*

Term Tuesday – Focal Point

Store Front Mock Up, Personal Logo  
Project, Found Typography

Photo of the week – Spring Break/  
Vacation

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.AP4.2*

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#### WEEK15/16 – Photoshop Skills/Social Media

Creating special effects and combining  
images, blending, design for social media

Projects – Surrealism Portrait, Shadows,  
Hybrid Animals, Animal Face, You Are  
What You Eat, Shadows, Half Face, Scale,  
Inanimate Object, Make Yourself Old, 3D  
Phone Art

Photo of the week – Motion

Term Tuesday – Proportion – Aspect  
Ratio, Cyberbullying

*E1,3, F1-3,5, L1-13, N1-8*

*HS1.AP4.2, HS1.1C.2.3*

#### WEEK17- 19 – Final Exam and Portfolio/Project

Branding and the importance of  
consistent design: Design Brief,  
Magazine Ad, Webpage Design, photo-  
editing, video presentation. Product  
Photography - working with lighting,  
image editing

Project – Campaign and Final video  
presentation

Term Tuesday – Review Terms

Portfolio and Final project

Photo of the week – Fashion