Unit 2: Digital Manipulation (Lightroom)

Content Area: **CTE**
Course(s): **Graphic Design I**
Time Period: **October**
Length: **1**
Status: **Published**

Unit Overview:

Students will be able to digitally manipulate and enhance their photographs utilizing Adobe Lightroom.

Enduring Understandings:

MA.9-12.1.2.12prof.Cr1a	Formulate multiple ideas using generative methods to develop artistic goals and solve problems in media arts creation processes.
MA.9-12.1.2.12prof.Cr2a	Organize and design artistic ideas for media arts productions.
MA.9-12.1.2.12prof.Cr2c	Apply aesthetic criteria in developing, refining and proposing media arts artwork.
MA.9-12.1.2.12prof.Pr6	Conveying meaning through art.
MA.9-12.1.2.12prof.Cn11a	Demonstrate and explain how media artworks and ideas relate to various contexts, purposes, and values (e.g., social trends, power, equality, personal/cultural identity).

Essential Questions:

- How do artists utilize Adobe Lightroom tools and filters to reproduce a famous photograph?
- How do artists utilize filters in Adobe Lightroom to create a cohesive photo series?
- How do artists utilize tools in Adobe Lightroom to enhance a forced perspective photograph?

Standards/Indicators/Student Learning Objectives (SLOs):

VA.9-12.1.5.12prof.Cr1	Generating and conceptualizing ideas.
VA.9-12.1.5.12prof.Cr1b	Shape an artistic investigation of an aspect of present-day life using a contemporary practice of art and design.
VA.9-12.1.5.12prof.Cr2b	Explain how traditional and non-traditional materials may impact human health and the environment, and demonstrate safe handling of materials, tools and equipment.
VA.9-12.1.5.12prof.Pr6	Conveying meaning through art.
VA.9-12.1.5.12prof.Re7a	Hypothesize ways in which art influences perception and understanding of human experiences.
VA.9-12.1.5.12prof.Cn11a	Describe how knowledge of culture, traditions and history may influence personal responses to art.

Lesson Titles:

- "A Day in the Life" Photo Series

- Famous Photograph Reproduction

- Forced Perspective Photograph

Career Readiness, Life Literacies, & Key Skills

TECH.9.4.12.CI.1	Demonstrate the ability to reflect, analyze, and use creative skills and ideas (e.g., 1.1.12prof.CR3a).
TECH.9.4.12.CI.2	Identify career pathways that highlight personal talents, skills, and abilities (e.g., 1.4.12prof.CR2b, 2.2.12.LF.8).
TECH.9.4.12.CI.3	Investigate new challenges and opportunities for personal growth, advancement, and transition (e.g., 2.1.12.PGD.1).
TECH.9.4.12.CT.1	Identify problem-solving strategies used in the development of an innovative product or practice (e.g., 1.1.12acc.C1b, 2.2.12.PF.3).

Inter-Disciplinary Connections:

SOC.6.1.12.HistoryCC.3.a	Evaluate the role of religion, music, literature, and media in shaping contemporary American culture over different time periods.
LA.SL.11-12.5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
TECH.8.1.12.B	Creativity and Innovation: Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.

Instructional Strategies, Learning Activities, and Levels of Blooms/DOK:

- Famous Photograph Reproduction Demonstration

- Famous Photograph Reproduction Presentation

- Forced Perspective Demonstration

- Forced Perspective Presentation

- Group Critique

- Individual Critique

- Photo Series Demonstration

- Photo Series Presentation

Modifications

ELL Modifications:

- Choice of test format (multiple-choice, essay, true-false)
- Continue practicing vocabulary
- Provide study guides prior to tests
- Read directions to the student
- Read test passages aloud (for comprehension assessment)
- Vary test formats

IEP & 504 Modifications:

- Allow for redos/retakes   .
- Assign fewer problems at one time (e.g., assign only odds or evens)   .
- Differentiated center-based small group instruction   .
- Extra time on assessments   .
- Highlight key directions   .
- If a manipulative is used during instruction, allow its use on a test   .
- Opportunities for cooperative partner work   .
- Provide reteach pages if necessary   .
- Provide several ways to solve a problem if possible   .
- Provide visual aids and anchor charts   .
- Test in alternative site   .
- Tiered lessons and assignments   .
- Use of a graphic organizer   .
- Use of concrete materials and objects (manipulatives)   .
- Use of word processor   .

G&T Modifications:

- Alternate assignments/enrichment assignments
- Enrichment projects
- Extension activities
- Higher-level cooperative learning activities
- Pairing direct instruction with coaching to promote self-directed learning
- Provide higher-order questioning and discussion opportunities
- Provide texts at a higher reading level
- Tiered assignments
- Tiered centers

At Risk Modifications

- Additional time for assignments
- Adjusted assignment timelines
- Agenda book and checklists
- Answers to be dictated
- Assistance in maintaining uncluttered space
- Books on tape
- Concrete examples
- Extra visual and verbal cues and prompts
- Follow a routine/schedule
- Graphic organizers
- Have students restate information
- No penalty for spelling errors or sloppy handwriting
- Peer or scribe note-taking
- Personalized examples
- Preferential seating
- Provision of notes or outlines
- Reduction of distractions
- Review of directions
- Review sessions
- Space for movement or breaks
- Support auditory presentations with visuals
- Teach time management skills
- Use of a study carrel
- Use of mnemonics
- Varied reinforcement procedures
- Work in progress check

Formative Assessment:

- Anticipatory Set
- Closure
- Warm-Up

Alternative Assessment

Performance tasks

Project-based assignments

Problem-based assignments

Presentations

Reflective pieces

Concept maps

Case-based scenarios

Portfolios

Benchmark Assessment

Skills-based assessment

Reading response

Writing prompt

Lab practical

Summative Assessment:

- Alternate Assessment
- Benchmark
- Marking Period Assessment
- Photo Filters & Enhancements Test

Resources & Materials:

- Adobe Lightroom
- Adobe Photoshop
- Chromebooks
- Edpuzzle
- Google Classroom
- Light Boxes
- Lighting Equipment
- Nikon D5600
- Scanner

- Screencastify
- Youtube

Technology:

- Adobe Photoshop
- Bluetooth Technology
- Adobe Illustrator
- Adobe Lightroom
- Google Classroom
- Google Suite
- Nikon D5600 Cameras
- Scanners
- SD Cards
- Student Chromebooks
- Wacum Intuas Graphics Drawing Tablets

TECH.8.1.12	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.12.A.CS2	Select and use applications effectively and productively.
TECH.8.1.12.B	Creativity and Innovation: Students demonstrate creative thinking, construct knowledge and develop innovative products and process using technology.
TECH.8.1.12.B.CS2	Create original works as a means of personal or group expression.
TECH.8.1.12.D.5	Analyze the capabilities and limitations of current and emerging technology resources and assess their potential to address personal, social, lifelong learning, and career needs.
TECH.8.1.12.E.CS3	Evaluate and select information sources and digital tools based on the appropriateness for specific tasks.
TECH.8.1.12.F.CS2	Plan and manage activities to develop a solution or complete a project.
TECH.8.2.12.A.2	Analyze a current technology and the resources used, to identify the trade-offs in terms of availability, cost, desirability and waste.
TECH.8.2.12.D.CS1	Apply the design process.