STUDENT LEARNING OBJECTIVE
Digital Photography I

Teacher Name:		School:		Arts, A/V Technology and Communications	
Grade: 9-12	Content Area: CTE		Course Name: Digital Photography 1		Period: 1, 5, 7

Student Population:
Total Number of Students _49   Males __18 Females __31 SPED Inclusion __ SPED Pullout __ ELL __   Additional Information:

SLO Components	
Learning Goal	Learning Goal: By the end of the hands-on DSLR Unit, the students will independently and with a group be able to use a DSLR camera in manual mode to create deliverables (photographs) that are acceptable quality for print on media distribution and are created using the standard concepts of the Exposure Triangle (ISO, Aperture, Shutter Speed). Big idea: The world is currently exploding with options for students to take and share pictures using their phones and other devices. It is important for students to learn the proper ways to use professional DSLR cameras to create photographs which extend beyond the abilities of point-and-shoot cameras and cell phones. Standards/Benchmarks: **Arts, A/V Technology, Communications**

Standards Utilized	Photography 1
P1-3: Analyze camera operations P1-5: Create artistic photographs	

Benchmark P1-3.2	Analyze the effect of exposure on the quality of photographs

Benchmark P1-3.2	Analyze how techniques impact the quality of photographs

Benchmark P1-5.2	Produce photographs for visual display

Rationale: The overall rationale for choosing this learning goal is that the majority of students entering this class have little to no understanding of how digital imaging processes work. They know how to take pictures on phones, but have never learned to use a DSLR camera. By using industry standard DSLR cameras, students are exposed to professional level techniques that can lead them to future careers in the digital fields.

Interval of instruction necessary to address goal: 2 weeks per semester

Assessments, Scoring and Criteria	Planned assessments and criteria used to determine levels of performance:
	1.Students will be assessed pre and post on individual performance on the appearance of a set of photographs they take using a DSLR camera in Manual mode.
	2. Photos will be assessed visually, judging the exposure and clarity of their photographs. Camera EXIF data embedded in the photographs will display the Aperture, ISO, and Shutter Speed, and camera mode used.
	2. Student will take an online pre and post test assessing their vocabulary and general understanding of the effects of the Exposure Triangle (Aperture, Shutter Speed, ISO) they will use to create the photographic deliverables.

Rubric for scoring the vocabulary and effects of the exposure triangle.

Novice	Partially Proficient	Proficient	Advanced
Score 0-60	Score 61-70	Score 71-80	Score 81 -100

3. Students will take utilize a DSLR camera to take a photograph in a specific setting to demonstrate their ability to manipulate the controls of a camera in making a photograph.

Rubric for scoring the Photograph

Novice	Partially Proficient	Proficient	Advanced
Score 0-60	Score 61-70	Score 71-80	Score 81 -100
Considerably over/under exposed and/or blurry. Unrecognizable subject.	Somewhat over/under exposed and/or blurry. Barely recognizable subject.	Some over/under exposure and/or blur. Recognizable subject, but not yet clear.	Little or no exposure error. No blur. Clearly recognizable subject.

Composite score (50/50) will be used to compute final score.

| Expected Targets | Starting point for student performance groups:

Expected target for each student:
By the end of the unit, 75% of all students will score in the proficient range on the combined Assessment and will complete at least one photograph deliverable that will demonstrate their understanding and ability.

Rationale for expected targets:
Students should be able to have a good understanding and working knowledge of both |

	vocabulary and the ability to use cameras.
Instructional Strategies	Instructional strategies for each level of performance: 1. **Peer tutoring and modeling** will be used with Proficient students to demonstrate correct use cameras 2. **Students will observe video** instruction in both the vocabulary as it is applied to real-world photography, and the usage of the camera controls to change settings. 3. **Students will observe classroom demonstrations**, then participate in small-group activities in which they use the vocabulary and manipulate the camera settings. 4. **Students will rehearse their knowledge** by utilizing the vocabulary in classroom discussion and camera use exercises. 5. **Students will perform tasks** utilizing their understanding of the vocabulary and techniques of photographing in Manual Mode.

Instructional Goal	– 80% of Students in the Novice, Partially Proficient, and Proficient categories will increase their score by 25% of the difference between their original score and 100%. - 80% of Students in the Proficient category will gain 50% of the difference between their original score and 100%.
Results	See the attached Excel Spreadsheet.