

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| <b>I. PRELIMINARY INFORMATION:</b>      |                                    |
| <b>A. CLASS:</b> .....                  | Photography                        |
| <b>B. TITLE OF UNIT:</b> .....          | Editing and Output/Basic Photoshop |
| <b>C. TITLE OF LESSON:</b> .....        | Aquire digital Images              |
| <b>D. MLO/COMPETENCY FOCUS:</b> .....   |                                    |
| <b>E. DATE &amp; TIME:</b> .....        | —                                  |
| <b>F. WEEK OF INSTRUCTION:</b> .....    |                                    |
| <b>G. INSTRUCTOR:</b> .....             |                                    |
| <b>H. ADDITIONAL INFORMATION:</b> ..... |                                    |

**II. EXTERNAL ALIGNMENT:**

*(Which external standards are driving our objectives? State core academic standards? National core academic standards? State or national technical/clinical standards? While we may identify the organizational name and number here, we must KNOW the spirit of the standard, and ensure we are actually teaching and assessing the standard (and not merely listing the standard's number.)*

*(use this column for course evaluation / improvement suggestions)*

*(Standard Source) (Specific Standard Set & Number)*

Common Core State Stds:  
State Tech/Clinical Stds:

**III. STUDENT PERFORMANCE OBJECTIVES:**

*(Objectives must drive the content, which in turn drives the student assessment. All three must be consistent (verb levels & domains). If this is accomplished, the curriculum is said to possess Internal Alignment.)*

*(OBJECTIVES → content → assessment = Internal Curriculum Alignment )*

*Psychomotor:*

*Import files from a digital camera*

*Import images from various sources (e.g., software-specific library, other applications, Internet)*

*Cognitive:*

*Know how to use a scanner to digitize images with appropriate resolution for intended use.*

*Understand resolution of images*

*Know the different file types of images and file extensions.*

*Affective:*

*Appreciate the quickness and advancement of digital photography.*

**IV. TEACHING METHODS AND TECHNIQUES:**

*(Category)*

*(Specifics)*

Demonstration

*Use a digital camera to acquire appropriate resolution images (i.e., portrait, landscape, moving objects) Import files from a digital camera*

*Import images from various sources (i.e., software-specific library, other applications, Internet)*

*Use a scanner to digitize images with appropriate resolution for intended use*

Discussion

*Discuss any questions students might have on demonstration.*

*Appreciate the quickness and advancement of digital photography.*

Visual Illustration

*Illustrate different size and resolution images.*

*Other: Discuss different file extensions and their use or limitations.*

**V. RESOURCES REQUIRED:**

*(Category)*

*(Specifics)*

Computer

*With card readers  
Memory CARD  
Images*

Handouts

*Demonstrating file sizes*

Other:

**VI. INTRODUCTION:**

There are many ways of importing or acquiring digital images. The different types of images are determined by their file extension i.e., .jpeg, .psd, .tiff, .pdf. The resolution of image's translates to the size of the image.

**VII. CONTENT:**

(objectives → **CONTENT** → assessment = Internal Curriculum Alignment )

Image resolution  
 File types  
 Importing from digital camera  
 Using a scanner  
 Advancement of digital photography

**VIII. SUMMARY:**

(Resolution and size great affect the appearance of the image. The greatest determining factor of image size and quality is file size restraints. There are a few ways to import from a digital camera and non-digital images can be scanned to be imported to a Mac or PC.

**IX. STUDENT PERFORMANCE ASSESSMENTS:**

(objectives → content → **ASSESSMENT** = Internal Curriculum Alignment ):

*Psychomotor:*

Import from digital camera

*Cognitive:*

Understand image resolution

Understand file types

*Affective:*

Appreciate the advancement of digital photography

**X. ASSIGNMENTS** (reinforce major lesson components):

|                   |                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Group Activities: | Handout out prints of images showing different sizes and resolution. Have the students raise the pictures they think match the resolution requested. |
| Homework:         | Worksheet on scanning and file types.                                                                                                                |

**XI. RELEVANCE TO FUTURE LESSONS:**

Once you know how to import images and understand files types and sizes you will be ready to start editing images.

## **XII. LESSON/COURSE EVALUATION:**

(Which part of this lesson worked? What didn't? How can we improve this lesson, unit, course? Make notes now to initiate the course evaluation/improvement process...)