ADVANCED BLACK & WHITE
Course Syllabus

Course Number: PHTO-0211  
OHLAP Credit: No
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Visual Arts
Career Major(s): Digital Photographer

Pre-requisite(s): Deeply explore the creative aspects of traditional black and white photography, including the magic of manipulating exposures and development through the time-proven Zone System. Students will learn to control each aspect of the process to produce high quality portfolio images.

Textbooks:
- Dean Collins on Lighting DVD Series
- Portrait Techniques Series by Photovision
- Zone VI Workshop by Fred Picker, Amphoto Books (1974)

Course Objectives:

A. Precise Exposure Calculations
   1. Understanding exposure meter readings.
   2. Correct usage of the gray card.
   3. Determining proper ISO needs.
   4. Use high dynamic range (HDR).

B. Making the Fine Print
   1. Proper use exposure series.
   3. Understanding image inturpulation.
   4. Available black and white inkjet papers.
   5. Quality print toning digitally.
   6. Proper image finishing.
   7. Proper mounting techniques.

C. Zone System Quality Controls
   1. Learning the stages from scene to scene.
   2. Visualize the results.
   3. Meter the scene.
   4. Expose the images.
   5. Process image series with HDR techniques.
   6. Print the finished image.

D. Zone Control Using Photoshop Tools
   1. Combine separate shadow and highlight digital images.
   2. Use levels and curves for tonal control.
All unmarked objectives are TTC instructor developed.

**Teaching Methods:** The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

**Grading Procedures:**
1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with seventy (70%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

**Description of Classroom, Laboratories, and Equipment:** Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

**Available Certifications/College Credit:** The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

**College Credit Eligibility:** The student must maintain a grade point average of 2.0 or better.