COLOR MANAGEMENT
Course Syllabus

Course Number: CPA-1483  
OHLAP Credit: No
OCAS Code: None
Course Length: 30 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Visual Arts
Career Major(s): Photographic Technician

Pre-requisite(s):

Course Description: The students will learn how to use color balance and color temperature effectively in image processing. Students will use equipment to process color film from negatives in balanced color.


Course Objectives:

A. Research Color Film Technology.
1. Discuss characteristics of color film.
2. Discuss variations in choosing color film for photos.
3. Discuss light sensitivity of color film.
4. Distinguish between the types of color film and their characteristics:
   a. Color negative
   b. Color transparency
5. Discuss the Kelvin scale in relation to light and temperature.
6. Photograph assignments using color film.
7. Discuss and critique projects and techniques.

B. Process Color Film.
1. Discuss safety factors involved during film processes.
2. Discuss stages of color film processing using the JOBO Process System.
3. Distinguish between various color processes.
4. Describe E-6 and C-41 film processes.
5. Discuss film chemicals, purposes, quantities, and storage.
6. Demonstrate color film negative development processes.
7. Mix and install color film-processing chemicals.
8. Develop color negative film.

C. Scan Negatives into Digital Files.

D. Create Color Portraits.
1. Discuss the elements of color portraits.
2. Use an incident meter for strobe light metering.
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3. Take photographs using a strobe in studio settings.
4. Take formal and casual posed photographs in-studio setting.
5. Set-up studio strobes for various portraits.
6. Review compositions, color correction and critique color portraits.

E. Expand Photoshop Expertise.
   1. Use clone tool, healing brush, restoration, and scaling.
   2. Improve images with layer styles and effects.
   3. Use drop shadows, inkjet printing, and image adjustment tools.
   4. Practice brightness/contrast, dodging/burning, and sharpening.

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.