PHOTOGRAPHY LIGHTING
Course Syllabus

Course Number: CPA-0217
OHLAP Credit: No
OCAS Code: None
Course Length: 45 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Visual Arts
Career Major(s): Photographic Technician

Pre-requisite(s):
The student will analyze images and correct them for professional standards. In the studio, they will use lighting equipment for professional effects. The students will also learn how to take advantage of outside lighting. Students will have assignments using inside and outside lighting, as well as small electronic flash. Composition and photographic history are emphasized.

Textbooks:
Dean Collins on Lighting DVD Series
The Complete Guide to Light and Lighting for Digital by Michael Freeman
Digital Photography Now by Doug Henderson
The Power of Light DVD with Tony Corbell

Course Objectives:
A. Use a Reflective Light Meter.
1. Compare reflective meter types and their advantages and disadvantages.
2. Identify the parts of a light meter and explain the function of each part.
3. Operate a reflective light meter in various lighting situations.
4. When to use gray card for metering.

B. Basic Posing Techniques.
1. Begin posing styles for male and female.
2. Use some basic poses with posing stools.
3. Use basic poses with 5 lighting patterns.
4. Print the best image of each lighting type.

C. Lighting for Portraits.
1. Show various available light and effects on portraits.
2. Demonstrate how to see and use good studio lighting.
3. Show how to fill in and use reflectors.

D. Perform Portrait Techniques.
1. Discuss studio photography situations.
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2. Discuss lighting techniques.
3. Discuss background selection.
4. Photograph a portrait using casual posing and tungsten lighting.
5. Do a portrait setting, process and print best images.
6. Discuss composition, style, and critique projects and techniques.

E. Operate an Electronic Flash System.
1. Discuss and demonstrate flash photography.
2. List the components of a flash system.
3. Operate automatic and manual flash systems.
4. Explain flash as a main and fill light source.
5. Demonstrate bounce light flash lighting.
6. Take photographs using a flash light source.
7. Discuss and critique projects and techniques.

F. Become Familiar with Photographic History.
1. Study early photographic processes.
2. Explore equipment inventions making photography portable.
3. Study key people in photographic history.
4. Discover the beginning of color photography.
5. Explore major divisions of the profession.

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