# Photo Imaging Course No. 30105 Credit: 0.5

|  |  |  |  |
| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Digital Media (09.0702); Graphic Design (50.0499)

Course Description: **Technical Level:** Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images.

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Analyze career paths in the visual arts.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Increase knowledge of careers related to photo journalism photography, including but not limited to photojournalism, aerial, architectural, food, landscape, portraiture, sports, wildlife and commercial photography. |  |

## Benchmark 2: Demonstrate technical skills related to careers in the visual arts.

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Explore the variety of uses of photos and images in media. |  |
| 2.2 | Discuss current and emerging issues surrounding imaging technologies. |  |
| 2.3 | Recognize and capture storytelling images that utilize strong elements of composition and complement story content. |  |
| 2.4 | Identify camera equipment, hardware and software to meet a variety of needs. |  |
| 2.5 | Explain the operation of different cameras (including features and uses). |  |
| 2.6 | Define the role that photographs and/or images play in storytelling. |  |
| 2.7 | Explore photo editing software. |  |
| 2.8 | Understand the consequences of photo manipulation. |  |
| 2.9 | Understand and correctly resize an image for a variety of media including but not limited to correct resolution for print, web and display options. |  |
| 2.10 | Critique photographic work (including an analysis of technique, content, composition and the ability to convey message or tell a story). |  |
| 2.11 | Understand freedom of the press and define the photographer’s rights and responsibilities. |  |
| 2.12 | Apply principles of composition to improve picture taking capabilities. |  |
| 2.13 | Demonstrate the ability to select and use the correct equipment for a specific photographic assignment. |  |
| 2.14 | Demonstrate an understanding of aperture, shutter speed, white balance, ISO and depth of field. |  |
| 2.15 | Demonstrate an understanding of the ethical and legal issues associated with photography, including invasion of privacy, copyright law, and the National Press Photographers Association’s code of ethics. |  |
| 2.16 | Create a portfolio to illustrate skill development. |  |
| 2.17 | Explore how photography and photographic images have made an impact on history. |  |
| 2.18 | Understand how different lenses affect photographs, including but not limited to standard, zoom, prime, telephoto, fisheye and wide angle lenses. |  |
| 2.19 | Understand the differences between and uses of photo file types, including but not limited to, JPG, TIF, RAW, PNG. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

(785) 296-4908

[pathwayshelpdesk@ksde.org](mailto:pathwayshelpdesk@ksde.org)



900 S.W. Jackson Street, Suite 102

Topeka, Kansas 66612-1212

[https://www.ksde.org](https://www.ksde.org/)

The Kansas State Department of Education does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities and provides equal access to any group officially affiliated with the Boy Scouts of America and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: KSDE General Counsel, Office of General Counsel, KSDE, Landon State Office Building, 900 S.W. Jackson, Suite 102, Topeka, KS 66612, (785) 296-3201.