



AERIAL PHOTOGRAPHER

2540

GENERAL DESCRIPTION OF CLASS

The AERIAL PHOTOGRAPHER consults with customers on project needs, takes detailed photographs from helicopters or fixed-wing aircraft using conventional and digital cameras. Employees do this for project documentation, public presentations; legal exhibits, publications, promotional purposes and engineering records, and performs related photographic digital editing processes.

DISTINGUISHING FEATURES

This is a single classification and not currently part of a series of classes.

DUTIES AND RESPONSIBILITIES

The duties listed below are characteristic of the type and level of work associated with this class. Individual positions may do all or some combination of the duties listed as well as other related duties.

1. Aerial Photography

Take obliques, including low altitude obliques. Navigate from aerial charts to locate and identify, from the air, landmarks shown on maps. Plan and develop special photographic techniques for use in aerial photography and processing. Make necessary arrangements for aerial work. Interpret maps and identify ground control points and vertical and oblique angles from which pictures are to be made. Do video photography from the aircraft.

2. Conventional and Digital Photographic Processes

Plan and complete all photographic processes including specialized color transparencies. Do technical photographic and film processing work using advanced photographic lighting and composition techniques; and high quality, advanced materials and equipment. Direct production of, and take motion and still pictures. Develop black and white negatives and prints. Shoot and save digital photographs. Determine appropriate resolution and file formats. Use a computer, digital scanner, photo editing and graphic design software, printers, and other specialized equipment to create, enhance and reproduce photo images. Evaluate technical accuracy of digital images, such as color saturation, tonal quality, scan resolution and density. Maintain photographic prints, negative and video tape files.

3. Photo Project Coordination

Coordinate with the work of others to photograph specific activities. Plan the best process for photographing at specific locations. Coordinate appropriate transportation for photographing the geographic location.

4. Photo-Related Graphics

Prepare photographic images for use in publications, including newsletters, magazine ads, brochures, pamphlets, flyers, reports, forms, information packets, booklets, manuals, presentations, posters, logos, displays and HTML and PDF files. Prepare single and multi-color electronic files for publication by a variety of methods including printing presses, high speed copiers or the World Wide Web. Proof read materials for general clarity, punctuation, grammar, spelling, format and agency standards.

RELATIONSHIPS WITH OTHERS

Employees regularly contact customers to discuss photography assignments, clarify project needs or changes and present suggestions. Employees regularly contact state employees and the public during photographic activities to make sure that photos will meet customer needs, as well as to minimize interference with events or activities during photography. Employees occasionally contact equipment suppliers to order supplies.

SUPERVISION RECEIVED

Employees work under the general supervision of a supervisor or manager who outlines general work assignments and reviews results by inspection and evaluation of the final product. Employees independently complete assigned tasks. Work must comply with agency rules, regulations and policies; copyright rules and laws; Department of Administrative Services printing rules and regulations, and the Right to Privacy Act for photography and recordings.

KNOWLEDGE AND SKILLS (KS)**Extensive knowledge of:**

Methods, practices and techniques of modern photography.
Photographic media, instruments, appliances, and materials.
Methods used to scan and manipulate color photographs.

General knowledge of:

Motion and video picture equipment, methods, and practices.
Personal computers for communication with customers and co-workers, storage and retrieval of files, and the editing of digital images.
Flatbed and film scanners and associated software to reproduce and manipulate photographs.
Electronic file management and directory structure for the storage of photographs.
Safety procedures for handling toxic and corrosive photo chemicals.
Operation of graphic design software.

Basic knowledge of:

Safety procedure for working around construction machinery, in heavy traffic, and on high structures and scaffolding.
Terminology related to aerial navigation to instruct the pilot in position the aircraft.
Principles of perspective, balance, style, content, fonts and layout.

Skill to:

Operate photographic equipment used to take aerial, motion, still, and video photographs or films.
Develop, print, and enlarge photographs.
Identify the ideas and needs of customers.
Conceptualize the best approach to achieve the desired effect and produce the final product.
Plan and prioritize work.
Establish and maintain effective public contacts.
Coordinate the activities of others to acquire desired photographs.

NOTE: The KNOWLEDGE and SKILLS are required for initial consideration. Some duties performed by positions in this class may require different KS's. No attempt is made to describe every KS required for **all** positions in this class. Additional KS requirements will be explained on the recruiting announcement.

Adopted 4/90

Revised 10/2005

STATE OF OREGON
 Dept. of Administrative Services
 Human Resource Services Division