

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
CLASS SPECIFICATION

PHOTOGRAPHIC TECHNICIAN III

POSITION CODE: 32093
Effective: 12-1-2012

DISTINGUISHING FEATURES OF WORK:

Under general direction, performs the full range of photo lab work; functions as an Aerial Photographer, operating a precision aerial camera for the acquisition of vertical aerial photography for mapping and reconnaissance; provides work guidance and direction to lower-level Photographic Technicians, and serves as relief supervisor of the Aerial Surveys Photo Lab of the Department of Transportation.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Operates a precision large format aerial camera in a specially modified airplane for the acquisition of vertical aerial photography used in mapping and reconnaissance; determines proper overlap, proper exposure and accurate coverage while operating camera and flight management system at the required elevation. Develops black and white aerial film in Versamat.
2. Provides guidance and direction to a staff of Photographic Technicians; assigns and controls laboratory work, reviews completed assignments; supervises the activities of the photo laboratory during the absence of the supervisor.
3. Utilizes flight management system to obtain required imagery; selects work area based upon weather conditions.
4. Maintains and performs minor repair on aerial camera and associated equipment; periodically conducts exposure and processing tests to determine the most effective processing techniques.
5. Maintains necessary production records and work reports; checks inventory.
6. Operates various still cameras, various scanners and laminators. Makes contact prints and enlargements for engineering purposes.
7. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

PHOTOGRAPHIC TECHNICIAN III (Continued)

DESIRABLE REQUIREMENTS:

Education and Experience

Requires knowledge, skill and mental development equivalent to completion of two years of college with courses in photography, or equivalent training and technical photographic and lab work experience.

Requires two years of Photographic Technician work experience.

Knowledges, Skills and Abilities

Requires extensive knowledge of specialized photographic laboratory equipment and processes used in industrial photography and graphic areas, with special emphasis enlarging and processing associated with aerial mapping and engineering studies.

Requires extensive knowledge of photographic materials and chemicals.

Requires extensive knowledge of aerial photography.

Requires knowledge and understanding to read flight plans and maps.

Requires leadership skills, and the ability to assign, organize work and review the quality and adequacy of completed work products.

Requires ability to complete lab work reports.

Requires ability to proficiently use Photoshop or current software with various printers to fill laboratory orders.

Requires ability to observe ground terrain and instruct aircraft pilot in proper flight lines to acquire aerial photographs in accordance with written specifications and flight management system.

Requires a full working knowledge of photographic materials and chemicals.

Requires a full working knowledge of computers.

Requires skill in the operation of film processor, still cameras, studio lights, scanners, laminator and printers.

Requires freedom from sensitivity to photographic chemicals and developers.

Requires ability to lift rolls of paper and laminate of various sizes and weights.

Requires ability to read work order forms and interpret technical bulletins and laboratory procedures regarding proper testing and mixing of chemistries, adjustment to scale, and exposure of film.

Requires visual acuity sufficient to set up and operate optical equipment and inspect completed work products.