

CARTOGRAPHIC TECHNICIAN

NATURE OF WORK

This is technical work in the preparation and production of geographic and cartographic visual aids.

Work includes preparing a variety of maps, charts, diagrams, graphs and other visual materials. Work also includes operation and use of equipment and materials for photo-mechanical reproduction. Assignments are received in the form of written instructions, sketches and base layouts, and discussions with a technical supervisor. Work is performed under general supervision and is reviewed through inspection of completed work.

ILLUSTRATIVE EXAMPLES OF WORK

Prepares a variety of visual aids, in particular, maps, diagrams, charts and graphs for instructional, research and publication purposes.

Operates a variety of photo-mechanical equipment including a process camera, platemaker, vacuum frame, UV light source, ozalid machine and related equipment; operates electronic computer mapping equipment; prepares line drawings and photographic reproductions, including line-shots and half tones.

Performs related work as required.

REQUIREMENTS OF WORK

Some experience in the preparation of maps and cartographic-related drawings; graduation from high school supplemented by university course work in cartography or training from a recognized technical trade school with major emphasis on mapping-related subject; or any equivalent combination of experience and training which provides the following knowledge, abilities and skills:

Some knowledge of the terminology, methods, practices and techniques of geographical mapping and cartography.

Some knowledge of the methods of photography and/or reprographics.

Some knowledge of the application of spatial data to the production of maps.

Ability to understand and follow oral and written instructions and base layouts.

Ability to establish and maintain effective working relationships with faculty and staff.

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Confirmed: 2004 01 05