**SERIES PURPOSE:**
The purpose of the data storage occupation is to provide data storage on a large main frame computer to users.

At the lower level, incumbents allocate & monitor computer data storage. At the higher level, incumbents function as lead workers.

<table>
<thead>
<tr>
<th>CLASS TITLE:</th>
<th>CLASS NUMBER:</th>
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</thead>
<tbody>
<tr>
<td>Data Storage Technician 1</td>
<td>12311</td>
</tr>
</tbody>
</table>

**EFFECTIVE DATE:**
3/7/2004

**CLASS CONCEPT:**
The full performance level class works under direction & requires considerable knowledge of computer data storage operations in order to allocate & monitor data storage on tapes, disks & mass storage devices.

<table>
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<tr>
<th>CLASS TITLE:</th>
<th>CLASS NUMBER:</th>
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<tr>
<td>Data Storage Technician 2</td>
<td>12312</td>
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</tbody>
</table>

**EFFECTIVE DATE:**
03/26/1990

**CLASS CONCEPT:**
The advanced level class works under direction & requires thorough knowledge of computer data storage operations in order to provide work direction & training to lower-level data storage technicians & to allocate & monitor data storage.
JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)
Controls data storage system for large mainframe computer system (e.g., operates command terminal to assign storage space to users & identify usable memory storage space; assigns user identification numbers for new employees; backs up system data onto tapes & restores lost data through JCL commands; consults with manufacturer's representatives to resolve major hardware problems; tests new hardware for system use; documents space usage & recommends selection of new hardware to supervisor; refers to computer manuals to assist in problem resolution).

Provides technical assistance to users & computer operations staff regarding data storage (e.g., explains storage capabilities to users & contacts users regarding movement or potential deletion of data sets).

Attends computer training seminars & conducts training classes on operation of hardware.

MAJOR WORKER CHARACTERISTICS:
Knowledge of mainframe computer operations/ procedures; job control language; computer hardware storage devices (e.g., tapes, disks, mass storage)*. Skill in operation of computer terminal & peripheral equipment (e.g., printers, mass storage cylinders). Ability to interpret variety of technical computer manuals; communicate verbally on technical & non-technical matters; gather, collate & classify information about data, people or things.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:
6 mos trg. or 6 mos. exp. in mainframe computer operations/procedures; 6 mos. trg. or 6 mos. exp. in job control language programming; 3 mos. trg. or 3 mos. exp. in operation of computer terminal & peripheral equipment (e.g., printers, mass storage cylinders).

-Or equivalent of Minimum Class Qualifications for Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:
Not applicable.

UNUSUAL WORKING CONDITIONS:
Work involves operation of computer terminal for long periods of time; may be required to work overtime.
JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Provides work direction & training to lower-level data storage technicians & establishes on-line storage maintenance procedures for work function.

Controls data storage system for large mainframe computer system (e.g., operates command terminal to assign storage space to users & identify usable memory storage space; assigns user identification numbers for new employees; backs up system data onto tapes & restores lost data through JCL commands; consults with manufacturer's representatives to resolve major hardware problems; tests new hardware for system use; documents space usage & recommends selection of new hardware to supervisor; refers to computer manuals to assist in problem resolution).

Provides technical assistance to users & computer operations staff regarding data storage (e.g., explains storage capabilities to users & contacts users regarding movement or potential deletion of data sets).

MAJOR WORKER CHARACTERISTICS:
Knowledge of mainframe computer operations/procedures; job control language; computer hardware storage devices (e.g., tapes, disks, mass storage); employee training & development*. Skill in operation of computer terminal & peripheral equipment (e.g., printers, mass storage cylinders). Ability to interpret variety of technical computer manuals; communicate verbally on technical & non-technical matters; gather, collate & classify information about data, people or things.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:
12 mos. trg. or 12 mos. exp. in mainframe computer operations/procedures; 12 mos. trg. or 12 mos. exp. in job control language programming; 6 mos. trg. or 6 mos. exp. in computer hardware storage devices (e.g., tapes, disks); 6 mos. trg. or 6 mos. exp. in operation of computer terminal & peripheral equipment (e.g., printers, mass storage cylinders).

-Or equivalent of Minimum Class Qualifications for Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:
Not applicable.

UNUSUAL WORKING CONDITIONS:
Work involves operation of computer terminal for long periods of time; may be required to work overtime.