

MUSEUM AND PLANETARIUM TECHNICIAN

PURPOSE AND NATURE OF WORK

Position requires constructing, preparing and maintaining planetarium and museum exhibits and programs. Purpose of the work is to implement Museum Curator's plans and/or designs into working exhibits or programs.

Incumbent works under the general direction of a Museum Curator depending on area of assignment and has no supervisory responsibilities.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Designs, builds, installs and maintains mechanical, electrical, electronic, and lighting special effects and control systems. Maintains projector control, audio, and video systems. Repairs, maintains, and adjusts telescopes and digital planetarium systems.

Maintains exhibits while they are on display. Assists in the installation of exhibits. Works with outside contractors integrating exhibits into museum. Integrates electronics into the exhibit and supplies power as needed.

Maintains an inventory of supplies. Makes presentations in the Curator's absence. Performs related work as required.

NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS

Knowledge of basic electricity, electronics and carpentry as well as materials, tools, and equipment used in each area.

Knowledge of astronomy.

Knowledge of audio/visual technology and the ability to learn new systems.

Ability to read plans and adapt materials and ideas to construct and prepare exhibits.

Knowledge of computers, networking, and software related to area of assignment.

Ability to establish and maintain effective working relationships with employees, volunteers, and the general public.

Knowledge of modern telescopes and telescope controls

Skill in the use of tools and equipment used in the building, electrical, electronic and mechanical trades.

Ability to learn to operate a forklift, Genie lift or similar equipment.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from high school supplemented by vocational training in electricity, electronics, computer and technical experience working in a museum and planetarium; or an equivalent combination of training and experience.