

MUSEUM TECHNICIAN

DESCRIPTION OF WORK

This is skilled and specialized work involving the construction and installation of exhibits in a museum of history or house museum complex. Employees are responsible for constructing and installing exhibits including cases, special lighting devices and exhibit panels from predetermined specifications. The employee also installs and maintains mechanical, electrical and electronic devices in exhibits. Work may involve overseeing carpenters and painters who assist in construction and installation activities. Daily functions are performed independently under the general supervision of professional museum staff to insure adherence to the overall design specifications and production schedules.

EXAMPLES OF DUTIES PERFORMED

Constructs and install complete exhibits depicting North Carolina history and assists in reproducing or repairing furniture or other items which require skill in carpentry and color schemes such as, aging new materials to create special effects and desired appearance.

Work is frequently performed along with exhibit designers and others to insure overall design criteria and aesthetics are met.

Applies guidelines and design specifications that vary for each project.

Applies established building codes, electrical codes, OSHA regulations and other state and federal requirements.

Maintains exhibits, shop equipment and a variety of supplies.

Independently selects work methods and materials; and may oversee support staff engaged in installation and painting activities.

Performs related duties as required.

RECRUITMENT STANDARDS

Knowledges, Skills, and Abilities

Knowledge of carpentry tools and their uses; finished carpentry; lighting systems; related devices and installation techniques.

Knowledge of building codes, electrical codes, OSHA regulations and related safety requirements and protective equipment.

Ability to work with metals, wood, Plexiglas and other plastic materials.

Ability to adopt principles of construction and material uses to meet unusual exhibit needs.

Ability to establish and maintain effective working relationships with others.

Ability to communicate, both orally and in writing, with museum staff and contractual personnel regarding capabilities of equipment, materials usage, schematics and other technical issues regarding construction.

Minimum Training and Experience Requirements

Graduation from high school preferably supplemented by courses in carpentry, woodworking, lighting systems, interactive technology or closely related areas and two years of experience related to the above areas; or an equivalent combination of training and experience.

Special Note - This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA. Examples of work are primarily essential functions of the majority of positions in this class but may not be applicable to all positions.