

Job Title: Planetarium Production Technician
Date Position Opens:
Date Position Closes:
FLSA Status: Full Time - Exempt
Hours: 40.0 hours - some week days, evenings, weekends, some holidays

SUMMARY: This position assists in producing educational and entertaining programs on astronomy, science, history and culture for the Planetarium and is responsible for maintaining and repairing equipment related to the functions of the Planetarium. This position reports directly to the Planetarium & Theater Manager.

RESPONSIBILITIES AND DUTIES include the following. Other duties may be assigned.

- Assists in the production of programs for the purpose of educating, entertaining and inspiring diverse audiences about astronomy and other topics.
- Maintains Planetarium and Theater audio-video equipment.
- Assists in the conception, design and development of high quality, professional and imaginative digital media for Planetarium shows.
- Operates, maintains and updates the Planetarium console, producer station and Theater control room.
- Knowledgeably interprets scientific/astronomical concepts to visitors.
- Participates in special events and activities within the Museum.
- Works under limited supervision following standardized practices and methods.

WORKSKILLS: Strong people skills, work and communicate effectively, and perform manual labor. Software skills used to create compelling digital media include the following: video editing, audio editing, image manipulation, digital animation and 3D modeling. Ability to diagnose and rectify issues with computers, audio-visual equipment and other electronics.

EXPERIENCE: Minimum two years professional experience creating and editing digital productions that include abstract animation, complex 3D environments, high definition videos and scripting languages. The preferred candidate will possess a thorough knowledge of Adobe software including After Effects, Photoshop, Illustrator, Premier, Audition and 3D modeling programs such as 3ds Max, Maya, Cinema 4D or Blender.

QUALIFICATIONS: Specific knowledge-based competencies required to satisfactorily perform the functions of the job include: general astronomy; pertinent software applications and computer programming; concepts of grammar, punctuation, algebra and geometry.

EDUCATION: Bachelors degree or equivalent experience with study in job related area such as media design.

PHYSICAL DEMANDS: Ability to lift up to 50 pounds, bend, stoop, reach and climb ladders up to twelve feet.

WORK ENVIROMENT: Professional, educational business setting

