



**YOUNGSTOWN
STATE
UNIVERSITY**

CLASSIFICATION SERIES:

N/A

CLASSIFICATION CODE/PAY GRADE:

52670/60

BARGAINING UNIT:

ACE

Planetarium Engineer/Show Producer

SERIES PURPOSE: The purpose of the Planetarium Engineer/Show Producer occupation is to produce technical planetarium programs for the public and school audiences.

CLASS CONCEPT: The class works under general supervision and requires considerable knowledge of digital media design and proficiency in audio/video production software in order to produce technical planetarium programs for the public and school audiences. Incumbents design and produce computer graphics, photographs, and digital video, rendering and digital special effects for Planetarium programs.

JOB DUTIES: Incumbents may perform some or all of these duties or other job-related duties as assigned.

Responsible for technical production of programs. Designs and produces computer graphics, photographs, digital video rendering, and digital special effects. Produces artwork related to brochures, news releases, and other public relations communications.

Coordinates illustration, special effects, and audio engineering for all programs. Assists in presentation of or presents public programs, including special group shows, light shows, astronomy sky watches, telescope sessions, etc.

Administers stock procurement of hardware, software, and consumables. Maintains the control system for Planetarium projector. Programs the Planetarium computer to control special effects projectors. Assists in the design, construction, and repair of telescope equipment and physics laboratories, and physics lecture demonstrations equipment. Supervises student technicians.

Performs other related duties as assigned.

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of: digital media design.

Effective 04/12/2020

Skill in: audio/video production software; public relations.

Ability to: interpret extensive variety of technical material; use proper research methods in gathering data; perform basic calculations; gather, collate, and classify information about data, people, or things; coordinate activities of others and cooperate with others on group projects.

(*) Developed after employment.

MINIMUM QUALIFICATIONS: High School Diploma or GED; two years of experience in digital media design and proficiency in audio/video production software, including Adobe Photoshop, Adobe Premier Pro, and/or ProTools HD; experience in editing audio for use in video/CG productions.

REQUIRED CERTIFICATIONS, TRAINING, AND/OR LICENSURES: None

PHYSICAL REQUIREMENTS: In accordance with the U.S. Department of Labor physical demands strength ratings, this position will perform sedentary work.

SEDENTARY: work involves exerting up to 10 pounds of force occasionally or a negligible amount of force frequently to lift, carry, push, pull, or otherwise move objects, including the human body. Sedentary work involves sitting most of the time, but may involve walking or standing for brief periods of time. Jobs may be defined as Sedentary when walking and standing are required only occasionally and all other Sedentary criteria are met.

UNUSUAL WORKING CONDITIONS: Not applicable