OREGON MUSEUM OF SCIENCE AND INDUSTRY

Position Title: Exhibit Production Machinist
Department: Exhibit Production
Volunteer

Reports To: Production Coordinator

POSITION DESCRIPTION: The OMSI Exhibit Production Shop produces finished exhibits for OMSI and other museums nationwide. The Exhibit Production Machinist Volunteer supports this work by fabricating exhibit prototypes, components and finished exhibits. This position is located within the OMSI Exhibit Production facility.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Design and construct mechanical, structural and electrical components from plans, sketches and verbal instructions in cooperation with Exhibit Developers and Exhibit Designers.
- Operate and maintain machine tools used in the production of mechanical components used in exhibits.
- Produce prototype components for evaluation to support the exhibit production process.
- Produce exhibit components.
- Work effectively with paid staff and other volunteers throughout the organization.
- Assume other tasks and responsibilities as assigned by the Production Manager

WORKING CONDITIONS:

- Physical demands of this position require mostly standing as well as lifting carrying, pushing, pulling anywhere from 5-100 Pounds.
- Work environment includes work near moving mechanical parts, fumes or airborne particles, toxic or caustic chemicals, and risk of electric shock.
- Noise level ranges from moderate (examples: business office with computers and printers, light traffic), Loud (examples: metal can manufacturing department, large earth-moving equipment), to very loud (examples: jack hammer work, front row at a rock concert).

QUALIFICATIONS:

- Excellent attention to detail.
- Thorough knowledge of machine tools and processes for the production of mechanical and electrical exhibit components.
- Working knowledge of drafting and mechanical engineering and visual and verbal methods of communication.
- Basic knowledge of all engineering disciplines and scientific principles.
- Ability to work independently as well as in teams.
- Past experience working safely in a shop or similar creative environment.
- Dependable, punctual and able to commit to at least one 6-hour weekday volunteer shift per week; two shifts per week preferred.

VOLUNTEER BENEFITS:

- Training and a lifelong learning experience.
- Admission for the volunteer to the museum, OMNIMAX and Planetarium shows, and submarine tours.
- An OMSI Family Membership upon completion of 50 hours of volunteer service.
- Discounts in the OMSI Science Store and on-site restaurants.
- The opportunity to meet many new people and learn more about OMSI.

For more information, contact Volunteer Services at 503.239.7814 or VolunteerServices@omsi.edu
Visit our website at www.omsi.edu/volunteer