Title: Research & Development Model Maker  

Pay Scale Group: 15-1

Classification Specification for Unclassified Service

Essential Function

Under general supervision from a designated administrator, design, develop, and fabricate experimental apparatus for use in research and instruction according to specification requirements of physics faculty and scientists.

Characteristic Duties

Design, develop, and fabricate experimental apparatus for use in research and instruction according to specification requirements of physics faculty and scientists.

Fabricate, repair, set up and install prototype parts and systems for experimental research and teaching laboratories.

Fabricate custom parts and systems from a variety of metals, plastics, and other materials.

Operate and maintain tools and machinery (i.e., lathe, milling machine, drill press, band saw, etc.).

Serve as back up operator for the helium liquefier.

May provide direct supervision to exempt and non-exempt staff (i.e., hiring/firing, performance evaluations, disciplinary action, approve time off, etc.).

Perform related duties based on departmental need.

Minimum Qualifications

Bachelor’s degree with three (3) years experience; -OR- Associate’s degree with five (5) years experience; -OR- seven (7) years experience. Experience must be in a related field and include one year of salaried, machine shop experience. Some positions may require at least one (1) year of supervision experience.