Job Title: Instrument Maker

BCAT Code: 091X18  Effective Date: April 1, 2007
Pay Grade: G12  FLSA Status: Non-Exempt  Revision Date: July 1, 2013

General Description
Performs multiple highly skilled duties in the fabrication, modification, and maintenance of a variety of equipment and tools.

Examples of Duties
- Operates and prepares all types of machine tools, such as computer numerical control (CNC) vertical mills, digital read out (DRO) lathes, grinders, drill presses, saws, hand tools, and metal inert gas (MIG) welders.
- Assists faculty, staff, and students in the design and procurement of research instrumentation.
- Programs CNC machine tools, selects proper machining processes, tools, and materials for a given task.
- Finalizes the fittings and finishing of instruments and verifies that the specification and function requirements are met.
- Maintains machinery and tooling.
- Performs other related duties as assigned.

Knowledge, Skills and Abilities
- Knowledge of equipment and maintenance techniques.
- Knowledge of applicable principles and practices.
- Knowledge of basic computer applications related to the area of assignment.
- Skilled in equipment repair.
- Skilled and ability to read equipment documentation and communicate effectively.

Minimum GSU Hiring Standards
Machinist Technical Diploma or an Instrument Maker Trade Certification, and two years of related experience; or a combination of education and related experience.

The above is a general description of duties performed by employees holding this job title and does not represent a complete list of duties that may be assigned to an employee.