Classification Specification for Unclassified Service

Title: Microelectronics Engineer

Pay Scale Group: 17-1

Essential Function

Under general supervision from a designated administrator, design the integration, test and maintain the equipment in microelectronics laboratory.

Characteristic Duties

Design the integration, test and maintain the equipment in the microelectronics laboratory;

Maintain the operations of the lab including maintenance of clean room, lithography equipment and mask aligners;

Assist in the design and installation of new equipment to include recommending specifications for compliance with equipment requirements;

Maintain inventory and recommend equipment and supplies purchase;

Supervise support staff and coordinates activates to ensure technical support;

Instructs and trains faculty, technicians and students;

Troubleshoots downtime and restores normal operations;

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; degree must be in Electrical or Electronics Engineering or related field. Experience may require at least one (1) year supervision.