



## **JOB TITLE: LABORATORY TECHNICIAN II**

Classification: Classified  
Salary Range: 31

Retirement Type: PERS\*  
Revised/Board Approved: October 18, 2004

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### **BASIC FUNCTION:**

Under the direction of an assigned Dean or supervisor, perform specialized and technical duties related to the operation and maintenance of an instructional laboratory; design and develop experiments and demonstrations; operate, service, adjust and modify equipment used in a specialized subject area.

### **DISTINGUISHING CHARACTERISTICS:**

The Laboratory Technician II provides advanced-level technical resources to faculty members and students, designing experiments and demonstrations, repairing and fabricating technical and complex equipment and researching sources of materials and supplies.

### **REPRESENTATIVE DUTIES:**

Conceptualize, design and develop prototype experiments and demonstrations in a specialty field as requested by instructors; fabricate equipment used in laboratory demonstrations.

Serve as a technical resource to departmental faculty and staff; coordinate, maintain and oversee specialized services and activities; participate with instructors to design, develop and carryout demonstrations and experiments.

Operate, service, adjust and modify specialized equipment; design and fabricate parts as needed.

Determine requirements for new and replacement equipment; research vendors, costs, availability and product specifications; recommend the purchase of equipment, supplies and materials; receive and process new supplies and equipment.

Keep abreast of changing conditions in the field of specialty and made recommendations to keep ECC's programs current.

Compile information for the division budget; sell materials to students; maintain records, reports and lists as assigned; inventory equipment and supplies periodically.

Prepare instructional materials and equipment for teachers' demonstration; assist with complex hazardous experiments as requested.

Maintain storeroom and work areas in a safe, clean and orderly condition

Train and provide work direction to student workers as assigned.

Perform related duties as assigned.

### **JOB QUALIFICATIONS:**

#### Education and Experience:

Any combination equivalent to: Bachelor's degree in an area of specialization or combination of coursework and work experience.

**OTHER QUALIFICATIONS:**Knowledge/Areas of Expertise:

Principles, practices, procedures and equipment of assigned subject area.

Safety regulations involving area of specialty.

Operation, maintenance, repair and calibration of technical equipment.

Principles and practices of providing work direction and training.

Record-keeping techniques.

Oral and written communication skills.

Interpersonal skills using tact, patience and courtesy.

Safe and proper use and storage of hazardous and toxic materials as it relates to the job duties.

Abilities/Skills:

Perform specialized and technical duties to assure efficient lab operations.

Provide technical information and assistance to faculty and staff.

Assure the care and security of assigned equipment, materials and supplies.

Design and develop experiments and demonstrations.

Set up, service, adjust, modify and repair specialized equipment and instruments.

Research and evaluate new equipment and supplies.

Plan and organize work.

Work independently with little direction.

Communicate effectively both orally and in writing.

Establish and maintain cooperative and effective working relationships with others.

Meet schedules and time lines.

Maintain records and prepare reports.

Train and provide work direction to others.

**WORKING CONDITIONS:**

Outdoors, classroom and laboratory settings.

Exposed to cool temperatures.

Exposed to various chemicals.

Standing for prolonged periods of time.

Moving from different classrooms.

\* Previous employment performed in a different public retirement system may allow eligibility to continue in the same retirement system.