

LABORATORY TECHNICIAN
Welding/Horticulture

DEFINITION

Under direction, establishes, organizes and oversees the technical and safe operation and maintenance of the agricultural complex. This facility is used as a productive instruction laboratory for courses in welding, horticulture, and animal health technology. The technician also coordinates the maintenance and repair of all campus agricultural equipment; and develops and maintains a safety program and accountability records for the agricultural complex.

TYPICAL DUTIES

Performs technical work in a college instructional laboratory and operates supporting stockrooms; receives and issues laboratory supplies and equipment; maintains and requires precision tools and equipment used in welding, horticulture and animal health and science; builds, installs, repairs and calibrates laboratory and bench equipment; evaluates equipment and develops requirements regarding the purchase and replacement of equipment; does conventional as well as t.i.g. and m.i.g. welding on tools and equipment; supervises and participates in the procurement and preparation of materials for classroom instruction; maintains expenditure and receiving records; responsible for the preparation and setup of laboratories according to the various instructors' scheduling needs and instructions; oversees and evaluates student employees, work experience students and other personnel as directed; maintains and oversees the campus agricultural equipment inventory; maintains laboratory areas in a clean, safe, secure and orderly condition; provides guidance to students in proper care and use of materials and equipment; operates and maintains greenhouse and surrounding areas; maintains greenhouse planting areas in a neat and orderly fashion; performs related duties as required.

QUALIFICATIONS

EXPERIENCE

Verified experience required in welding, horticultural production, mechanics and personnel supervision. Additional experience in computer recordkeeping, purchasing, receiving, and animal health is desired.

EDUCATION

Associate of Arts degree or equivalent in horticulture, agricultural mechanics, animal health, or related field. (Additional qualifying experience may be substituted for the required education on a year-for-year basis, provided it is consistent with indicated job duties.) Additional formal training in agricultural production, mechanics, or horticulture is desirable.

SPECIAL REQUIREMENT

Any offer of employment will be contingent upon the successful completion of a medical evaluation.

KNOWLEDGE OF

Equipment, procedures, supplies, and materials associated with agricultural mechanics, welding and horticulture, greenhouse production; safety and health procedures in agricultural and welding environments; recordkeeping, purchasing, and receiving.

ABILITY TO (ESSENTIAL FUNCTIONS)

Perform the basic functions of the position; interact with instructional staff, student workers, students and community people in support of the total instructional program in the agricultural complex; organize and maintain greenhouse, planting areas, laboratories, and the tool room and other storage areas in the complex; apply and maintain safety precautions for students and staff in the welding lab and other areas of the agricultural complex; maintain and repair equipment; perform t.i.g. as well as m.i.g. welding on tools and equipment; maintain accurate inventory and repair records; supervise and train student workers; prepare and set up laboratories for classes conducted in the agricultural complex; lift up to 50 pounds unassisted; understand and carry out oral and written directions; work effectively with others.