

LABORATORY TECHNICIAN

Aeronautics

DEFINITION

Under direction, performs technical work in a college instructional laboratory and operates a supporting laboratory stockroom; receives, maintains, and issues laboratory supplies and equipment used in aeronautics lab; builds accessory equipment.

TYPICAL DUTIES

Maintains supply and equipment inventories in technical storeroom, orders new materials as needed; receives, checks and stores ordered materials and maintains accountability records; maintains and repairs precision tools used in aeronautics; builds, installs, repairs and calibrates laboratory and bench equipment; does T.I.G. and M.I.G. welding on tools and equipment; supervises and participates in the preparation of materials and equipment for classroom instruction; maintains storeroom expenditure records; maintains laboratory areas in a clean, safe, secure, and orderly condition; provides guidance to students in proper care and use of materials and equipment; performs related duties as required.

QUALIFICATIONS

EXPERIENCE

One year of responsible stockroom or aircraft maintenance experience.

EDUCATION

Associate in Science degree in Aeronautics. Additional experience in aircraft maintenance may be substituted year-for-year for the educational requirement.

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 aeronautics curriculum; recordkeeping and filing techniques; federal and state safety regulations.

ABILITY TO (ESSENTIAL FUNCTIONS)

Perform the basic functions of the position; interact with instructional staff, instructional assistants, and student workers in organizing stockroom and planning the arrival of material in support of instructional goals; maintain accurate inventory and repair records; repair equipment; do both T.I.G. and M.I.G. welding; operate and calibrate electronic test equipment; supervise and train student workers; understand and carry out oral and written directions; work effectively with others.

Physical and Environmental Factors: Stand and maneuver for long periods; bend at waist and knees; lift heavy objects with and without assistance (objects are sometimes elevated from the floor level to above the shoulders); reach, grasp, pull, push equipment across various types of surfaces; manipulate

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small objects; stoop and crouch; climb ladders; regularly work with or around hazardous materials (may include pesticides, degreasing cleansers, etc.); common exposure to allergens; occasionally work on slippery surfaces; come in contact with oil or grease; and/or work around loud noise.