

AgriLife Classification Description

Last Updated: 4/17/02

5005
TECHNICIAN I
11/01/01

SUMMARY

General Description: Assists in planning research on support laboratory methods and techniques, carrying out procedures, and recording results for a series of closely-controlled experiments.

DUTIES

Typical: Conducts experiments and technical procedures; carries out research problems; researches literature relating to possible procedures and experiments; modifies procedures to suit the particular research need; plans and supervises technical operations; assists personnel involved in a series of controlled environment or analysis experiments; makes complex chemical and physical analyses which, although they follow standard procedures and tests, may require the exercise of some ingenuity and improvisation; uses computer equipment for controlling equipment and compiling data; makes and records observations and measurements; writes and/or edits for publication scientific materials requiring academic knowledge; researches and catalogs reference materials requiring understanding of subject matter theory; orders scientific supplies and equipment; performs related duties as required.

SUPERVISION

Received: General instruction and periodic review from administrative superior.

Given: Detailed initial instruction and periodic review to Technical Assistants, Laboratory Attendants and Student Workers.

EDUCATION

Required: Bachelor's degree in a related field or any equivalent combination of training and experience.

Preferred: None.

EXPERIENCE

Required: None.

Preferred: One year in scientific research, clinical, operational, or experimental work.

KNOWLEDGE, ABILITIES AND SKILLS

Typical: Ability to use laboratory equipment, scientific apparatus and computer equipment.