

# AgriLife Classification Description

Last Updated: 4/17/02

5047  
ENGINEERING TECHNICIAN I  
11/01/01

## *SUMMARY*

**General Description:** Constructs, operates, fabricates, repairs, and maintains specialized electrical, mechanical, and computer systems equipment related to scientific research or similar activities.

## *DUTIES*

**Typical:** Fabricates equipment necessary for experiments required; installs and maintains laboratory equipment; prepares test materials; repairs defective equipment; inspects machinery for safety hazards; records research data on experiments using laboratory or pilot plant equipment; performs related duties as required.

## *SUPERVISION*

**Received:** General instruction and periodic review from supervisor.

**Given:** Occasional supervision to semi-skilled workers.

## *EDUCATION*

**Required:** High school graduation or any equivalent combination of training and experience.

**Preferred:** Vocational training in a related area.

## *EXPERIENCE*

**Required:** Two years in operation, maintenance, and construction of equipment in a related field.

**Preferred:** One year in industrial environment.

## *KNOWLEDGE, ABILITIES AND SKILLS*

**Typical:** Ability to understand drawings and blueprints concerning construction projects. Ability to use lathes, milling machines, drill presses, sanders, welding equipment, woodworking machines, sheet metal processing equipment, injection molding equipment, or farm construction equipment.