



APPRENTICESHIP PROGRAM

Agricultural Sciences / Chemical Applicator (Ag)

PROGRAM OUTCOMES:

Provides students with the basic knowledge of precision agricultural tools and integrating agricultural controllers.

PROGRAM LENGTH:

Years: 2

Diploma hours: 570

AAS hours: 480

A probationary period of 90 days



RELATED TECHNICAL INSTRUCTION (RTI):

Certificate(s), Diploma, AAS Degree

ON-THE-JOB TRAINING (OJT) COMPETENCIES:

- Prepare chemicals for work application
- Inspect landscaping to determine treatment needs
- Operate grounds maintenance equipment
- Plant greenery to improve landscape appearance
- Instruct staff in work policies and procedures
- Maintain equipment or systems to ensure proper functioning
- Clean equipment or supplies
- Treat greenery or surfaces with protective substances

JOB FUNCTIONS:

- Using GIS, GPS, remote sensing, and VRT (variable rate technologies)
- Understanding application controllers
- Applying the correct amount of seed, fertilizer, and other crop inputs
- Integrating controllers and calibrating application equipment
- Required CDL
- Equipment Maintenance

SKILLS:

Customer Service, Self-Motivated, Critical Thinking, Interpret maps and labels, Pest Identification, Global Positioning Software, and Safety

