



**WALLACE  
STATE**

## **Applied Technology Division - Agricultural Production/Horticulture**

This Applied Technology Division program provides students an Associate degree in Applied Science. This program lines up well with the skills, education, and experience needed to prepare students for a career as an Aquatic Technician or entry sales position.

### **Program overview and objectives:**

- Pesticide training including product use, specimen labels, SDS and PPE.
- Equipment maintenance with tear down and rebuild of small engines.
- Aquaponics - water chemistry, nutrients, D.O.
- Equipment operation including trailer towing and backing
- Spray equipment use and calibration
- Plumbing of equipment and irrigation systems
- Plant propagation and Introduction to Horticulture
- Plant identification and culture
- Soils & Fertilizers – Understanding of phosphorus impacts
- Principles of biology
- Horticultural business management
- English composition, college algebra, and ethics

AERF is proud to partner with Wallace State Community College on this pilot program. Bronze level and above Sponsors of AERF will have access to post jobs and internships directly to their agribusiness students who are actively looking to enter the workforce out of this program. We hope to connect these students to those inside our industry. If successful, Wallace State Community College is willing to make some minor adjustments to the program to focus a bit more on some aspects of the aquatics industry. AERF looks at this as a pilot program to work on developing similar programs with other colleges around the United States.

[aquatics.org](http://aquatics.org)