

# HORTICULTURE TECHNOLOGY - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: <https://cwi.edu/program/horticulture-technology>

## Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Demonstrate proficiency and comprehension of scientific principles, reasoning, and methods that comprise the disciplines of plant and soil science. Examples include, but are not limited to plant anatomy, plant physiology, plant pathology, entomology, weed science, and pesticide and fertilizer chemistry.
- Identify a broad spectrum of plant families, genus, and species including life cycles, zone hardiness, and cultural requirements and be able to articulate this information using proper plant nomenclature and terminologies to other employees, supervisors, and customers.
- Develop and use the durable skills provided through general education including effective oral and/or written communication skills.
- Perform and demonstrate accurate computation and mathematical skills required for industry tasks and calculations.
- Produce, grow, and/or install a wide variety of plant materials using best management practices for marketable, functional, and aesthetically pleasing designs.
- Obtain horticulture business management experience in a student's area of individual interest and expertise.