

FNGLA's Nursery, Landscape and Irrigation Curriculum for its Certification and Apprenticeship Programs

Contact: Merry Mott at FNGLA at 407-295-7994 or mmott@fn gla.org or see <https://www.fn gla.org/professional-development/apprenticeship> and <https://www.fn gla.org/professional-development/certifications/>



Education Outline for FNGLA Nursery & Landscape Apprenticeship Program's Related Technical Instruction and FNGLA's Certified Horticulture Professional Exam

01.0	Describe the horticulture industry.
02.0	Identify and develop safety practices in the workplace.
03.0	Determine procedures to operate, repair, and maintain tools and equipment.
04.0	Describe the principles and requirements for plant growth.
05.0	Identify properties of growing media.
06.0	Develop crop fertilization schedules.
07.0	Identify pests and explain integrated pest management approaches.
08.0	Identify and classify plants.
09.0	Identify appropriate plant and turf irrigation practices.
10.0	Explain plant propagation principles.
11.0	Develop plans to harvest, transport, and install plant materials.
12.0	Explain principles of landscape design and maintenance.
13.0	Describe criteria for turfgrass selection and maintenance.
14.0	Explain requirements for interior plant growth and maintenance.
15.0	Apply best management practices in horticulture industry.
16.0	Demonstrate leadership, employability, communications and human relations skills.

Exam Sections of FNGLA Certified Landscape Irrigation Service Technician Exam

1. Controllers	2. Sprinklers
3. Wiring	4. Valves
5. Pipe Repair	6. Troubleshooting
7. Operational Efficiency	8. Written (terminology, codes, etc.)

On-The-Job Skills for FNGLA Irrigation Apprentices

01.0	Apply workplace safety and sanitation procedures.
02.0	Select, use, repair and maintain tools and equipment.
03.0	Explain the irrigation-horticulture relationship.
04.0	Analyze and interpret irrigation plans.
05.0	Locate and use Florida Building Code, local codes and water use regulations.
06.0	Identify and install irrigation system components.
07.0	Monitor and troubleshoot irrigation system operation.
08.0	Clean and adjust irrigation system components.
09.0	Repair and replace irrigation system components.
10.0	Plan and implement job according to schedule.
11.0	Write and convey controller and/or system operation instructions to customer.
12.0	Apply industry best management practices.
13.0	Communicate effectively with customers, co-workers and supervisors.
14.0	Employer specific training.