

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

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## **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 Maintenance Technician Exam**

1.	Plant Identification	2.	Pruning
3.	Turf Equipment	4.	Irrigation
5.	Truck & Trailer	6.	Fertilizer Calibration
7.	Site Evaluation	8.	Pest Management

## **On-The-Job Skills for FNGLA Landscape Technician Apprentices**

01.0	Apply workforce safety and sanitation procedures
02.0	Select, use, repair and maintain tools and equipment.
03.0	Identify and classify plants and turfgrass.
04.0	Practice proper fertilization techniques.
05.0	Irrigate plants and turf for establishment and maintenance.
06.0	Control pests using IPM principles.
07.0	Interpret pesticide labels, calibrate spray equipment, and apply chemicals correctly.
08.0	Analyze and interpret landscape plans.
09.0	Identify drainage requirements and grade as necessary.
10.0	Lay out and install landscape and turf.
11.0	Maintain landscape and turf.
12.0	Plan and implement job according to schedule.
13.0	Participate in final walk-through of landscape installation.
14.0	Apply industry best management practices.
15.0	Estimates, contracts, and presentations.
16.0	Communicate effectively with customers, co-workers and supervisors.
17.0	Employer specific training.