

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 Horticulture Professional Exam

1.	Safety
2.	Plant Identification
3.	Horticulture Practices
4.	Applied Horticulture (Open Book)

On-The-Job Skills for FNGLA Horticulture Technician Apprentices

01.0	Apply workplace safety and sanitation procedures.
02.0	Select, use, repair, and maintain nursery tools, equipment and facilities
03.0	Identify and classify plants.
04.0	Prepare growing media and select appropriate growing containers.
05.0	Practice proper fertilization techniques.
06.0	Control pests using IPM principles.
07.0	Interpret pesticide labels, calibrate spray equipment, and apply chemicals correctly.
08.0	Monitor and maintain irrigation and drainage systems.
09.0	Propagate plants.
10.0	Plan and produce crop to point of sale.
11.0	Maintain and analyze production records.
12.0	Prune and shape nursery and/or greenhouse stock.
13.0	Harvest, process, and ship nursery and/or greenhouse stock.
14.0	Market nursery and/or greenhouse stock.
15.0	Apply industry best management practices.
16.0	Communicate effectively with customers, co-workers and supervisors.
17.0	Employer specific training.