





PERTECNCA'S

HORTICULTURE & LANDSCAPING TRAINING

BROCHURE

-  Practical training
-  Post training assistance

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HORTICULTURE & LANDSCAPING TECHINICIAN

The Horticulture and Landscaping Training program is designed for individuals interested in mastering the art and science of cultivating plants and designing aesthetically pleasing landscapes. This course provides comprehensive knowledge and practical skills needed for careers in horticulture, landscape design, and garden management. Whether you're a novice gardener or an aspiring landscape professional, this course will guide you through the essentials of plant care, garden design, and sustainable landscaping practices.

What you'll learn?

- Principles of horticulture and plant biology
- Techniques for soil preparation and fertilization
- Plant selection and propagation methods
- Landscape design concepts and site analysis
- Installation and maintenance of garden features
- Sustainable gardening practices and water conservation
- Pest management and disease control
- Seasonal gardening and plant care

Course summary:

This training program provides an in-depth understanding of horticultural practices and landscape design. Participants will learn how to create and maintain beautiful, functional, and sustainable gardens and landscapes that enhance the environment and meet client needs.

Key Takeaways:

- Expertise in plant care, soil management, and garden maintenance
- Skills in landscape design and project planning
- Knowledge of sustainable practices in horticulture and landscaping
- Ability to diagnose and treat plant diseases and pests
- Experience in creating diverse garden styles and features

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Course syllabus:

Module 1: Introduction to Horticulture

- Overview of horticulture and its significance
- Basic plant biology and physiology
- Understanding plant growth and development
- Introduction to various horticultural practices

Module 2: Soil Science and Plant Nutrition

- Soil types and properties
- Soil preparation and conditioning techniques
- Understanding plant nutrition and fertilization methods
- Organic and inorganic fertilizers

Module 3: Plant Propagation Techniques

- Methods of plant propagation: seeds, cuttings, layering, grafting
- Understanding genetic diversity and plant breeding
- Techniques for propagating ornamental and edible plants
- Care and management of young plants and seedlings

Module 4: Landscape Design Principles

- Introduction to landscape design concepts
- Site analysis and selection of plant materials
- Creating a design plan: layout, balance, and harmony
- Designing for aesthetics, functionality, and sustainability

Module 5: Installation of Gardens and Landscapes

- Planning and executing garden installations
- Setting up garden beds, lawns, and hardscape features
- Installing irrigation systems and water features
- Mulching, composting, and organic gardening practices

Module 6: Garden Maintenance and Care

- Seasonal plant care and garden maintenance routines
- Pruning, trimming, and shaping techniques
- Pest and disease identification and management
- Use of garden tools and equipment safely and effectively

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Module 7: Sustainable Landscaping Practices

- Principles of sustainable horticulture and landscaping
- Water conservation techniques and drought-resistant planting
- Soil conservation and erosion control methods
- Organic gardening and use of natural pest controls

Module 8: Specialized Garden Design

- Designing theme gardens: rock gardens, water gardens, and more
- Incorporating native and exotic plants in landscapes
- Creating spaces for biodiversity and wildlife habitats
- Designing urban gardens and rooftop landscapes

Module 9: Practical Training and Real-Time Projects

- Developing a complete landscape design project from concept to execution
- Hands-on experience in garden installation and maintenance
- Soil testing and plant selection for specific landscapes
- Creating and managing a sustainable garden or landscape

Module 10: Industry Practices and Client Management

- Understanding the business side of horticulture and landscaping
- Client communication and project management
- Pricing, contracts, and working with suppliers
- Marketing and growing a horticulture or landscaping business

Module 11: Evaluation and Certification

- Final assessment through practical projects and written exams
- Presentation of a landscape design or horticulture project
- Certification of completion with emphasis on horticulture and landscaping proficiency

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Practical training:

- Soil Testing: Conducting soil analysis to determine fertility and pH levels.
- Plant Propagation: Techniques for propagating plants through seeds, cuttings, and grafting.
- Landscape Design Project: Designing a landscape plan for a residential or commercial space.
- Irrigation Systems: Installing and maintaining efficient watering systems.
- Garden Installation: Setting up garden beds, lawns, and decorative features.
- Pruning and Trimming: Techniques for shaping plants and trees for aesthetics and health.
- Pest Control: Identifying and managing common garden pests and diseases.
- Sustainable Landscaping: Implementing eco-friendly practices like composting and water conservation.

Career scope:

Upon Upon completing the Horticulture & Landscaping training course, graduates can explore career opportunities in various sectors, including:

- Horticulturist
- Landscape Designer
- Garden Consultant
- Nursery Manager
- Arborist
- Urban Gardener
- Parks and Recreation Manager
- Sustainable Landscaping Expert
- Landscape Maintenance Supervisor
- Botanical Garden Curator