



PROGRAM OUTCOMES

PLANT SCIENCE AND LANDSCAPE TECHNOLOGY

1. Ensure that a contract is properly executed by actively listening, understanding, and implementing instructions and effectively communicating them to other members of the crew while providing positive motivation by displaying an impeccable work ethic and providing positive reinforcement to instill ownership of the project.
2. Effectively maintain residential, commercial, industrial, multi-family, institutional, park and public properties lawn, bed and tree installations by properly weeding, deep edging, mulching, pruning, mowing, watering and fertilizing.
3. Apply the green industry standards of quality through the practice of proper planting techniques and knowledge of landscape plants, weeds, and the culture and care of landscape plants.
4. Demonstrate safe operation and maintenance of small and large-engine equipment used in landscape installations and maintenance.
5. Demonstrate effective oral and written communication skills with suppliers, co-workers, and clients from diverse cultural backgrounds.
6. Organize, manage, motivate, train, and delegate work to crew members effectively.
7. Effectively use math and computer skills to design, estimate and lay out landscape projects.
8. Use knowledge of plants, soils, chemicals and fertilizers to identify, correct, or prevent plant disease, insect pest, plant health or human damage problems.
9. Design, install and repair patios, walks, decks, retaining walls, water features, low-voltage lighting and irrigation systems.