



## PROGRAM OUTCOMES

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### PLANT SCIENCE AND LANDSCAPE TECHNOLOGY (DESIGN/BUILD)

1. Assure proper contract execution through proven technical and managerial communication, organizational, production and motivational techniques.
2. Develop scientific, technical and intuitive techniques that artistically mold the exterior environment for visual and physical human enjoyment.
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 competent use of design principles and elements through a thorough understanding of materials, methods, and maintenance procedures with environmental and programmatic sensitivity.
5. Demonstrate effective oral and written communication skills with suppliers, co-workers, and clients from diverse cultural backgrounds.
6. Demonstrate competence and confidence in graphic techniques used in the sales and implementation process of landscape design/build.
7. Demonstrate knowledge of and apply local, state, and federal codes and laws governing construction and contracting including OSHA compliance.
8. Conduct a professional presentation and close the sale through the effective use of knowledge of human behavior and decision making by conducting informative client interviews to determine the true design needs, wants, and desires with respect to style, budget, installation, and maintenance.
9. Install and repair patios, walks, decks, retaining walls, water features, low-voltage lighting and irrigation systems and demonstrate an understanding of landscape design content and concepts.
10. Apply sound marketing, planning, estimating, personnel, and business management practices.
11. Assess the details and viability of a landscape project or design to determine equipment, material, and personnel requirements and/or the necessity of hiring a competent subcontractor.