

PLANT SCIENCE AND LANDSCAPE TECHNOLOGY (LANDSCAPE TECHNICIAN), CERTIFICATE OF PROFICIENCY



The one-year certificate program offers basic landscaping skills to persons who are seeking a career in landscape contracting but who may not desire a full degree. The certificate is also helpful to those already employed in the landscape industry who have a desire to upgrade their knowledge and skills in order to be a more valuable employee. The Landscape Technician Certificate of Proficiency features course work in such horticulture basics as botany, plant identification, plant diseases and insect pests, soil technology and landscape practices.

Program contact: Learn more

This certificate will be automatically awarded when the certificate requirements are completed. If you do not want to receive the certificate, please notify the Office of the Registrar at RegistrarOffice@tri-c.edu.

Learn more about how certificate credits apply to the related degree.

Program Admission Requirements

- High School Diploma/GED not required, but highly recommended.
- ENG-0995 Applied College Literacies or appropriate score on English Placement Test.
- MATH-0955 Beginning Algebra or appropriate score on Math Placement Test.

Other Information

- Submit all college transcripts to Office of the Registrar.

Program Learning Outcomes

This program is designed to prepare students to demonstrate the following learning outcomes:

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.

Suggested Semester Sequence

First Semester		Credit Hours
HLTH-1230	Standard First Aid and Personal Safety	1
MATH-1xxx	1000-level MATH course or higher	3
PST-1301	Horticultural Botany	3
PST-1311	Deciduous Woody Landscape Plants	3
PST-1411	Equipment Operations and Safety	2
Select one of the following:		3
ENG-1010	College Composition I	
ENG-101H	Honors College Composition I	
Credit Hours		15
Second Semester		Credit Hours
BADM-1301	Small Business Management	3
PST-XXXX	Plant Science Elective (see below list)	2
PST-1321	Evergreens, Groundcovers, and Herbaceous Landscape Plants	3
PST-1420	Landscape Practices	3
PST-1510	Landscape Contracting	3
PST-1600	Irrigation and Drainage	2
Credit Hours		16
Total Credit Hours		31

Electives

Code	Title	Credit Hours
PST-1441	Introduction to Landscape Design	3
PST-2380	Arboriculture	2
PST-2370	Introduction to Turfgrass	2