

Program Number 61-001-4
Certificate • 12 credits

ABOUT THE PROGRAM

This certificate introduces the learner to the field of horticulture, including landscaping and greenhouse/nursery production. Learner receives a broad understanding of practical horticulture and the science of horticulture.

PROGRAM OUTCOMES

- Provide horticulture maintenance
- Implement a landscape construction design plan.
- Use carpentry and masonry hand and power tools.
- Safely operate landscape equipment.
- Install irrigation equipment.
- Diagnose and treat pest problems on ornamental plants.
- Prepare for Wisconsin Pesticide Certification.

ADMISSION AND PROGRAM ENROLLMENT STEPS

- Submit online application.
- Complete the online Student Success Questionnaire.

APPROXIMATE COSTS

- \$138.90 per credit tuition (WI resident) plus \$8.33 per credit student activity fee. \$10 per credit online, iFlex or hybrid fee. Material fee varies depending on course. Other fees vary by program. Visit gotoltc.edu/financial-aid/tuition-and-fees for details.

CREDENTIALS AVAILABLE TO PROGRAM STUDENTS

- WI Commercial Pesticide Applicator - Turf & Landscape
- WI Commercial Pesticide Applicator - Greenhouse & Nursery
- BAHCO Pruner
- BAHCO Lopper

SPECIAL NOTE

- All certificate students are highly encouraged to take the Horticulture Introduction class in the first semester of study.
- This certificate has many practical, hands-on experiences which completes many of the requirements of the one year technical diploma.

CAREER AND EDUCATION ADVANCEMENT OPPORTUNITIES

Horticulture Basics certificate completers will find work in this field as a Technician 1, with opportunities to advance to Technician 2 and 3 in horticulture and landscaping businesses.

CONTACT

LTC Career Coach
 920.693.1162 • CareerCoach@gotoltc.edu

Catalog No.	Class Title	Credit(s)
-------------	-------------	-----------

COURSES

10001110	Horticulture Introduction	3
10001112	Plants in Summer and Fall	3
10001172	Landscape Maintenance	3
10001113	Landscape Installation	3

TOTAL 12

Curriculum and Program Acceptance requirements are subject to change. Program start dates vary; check with your advisor for details. The tuition and fees are approximate based on 2020-2021 rates and are subject to change prior to the start of the academic year.



HORTICULTURE INTRODUCTION...engages the learner through instructor-led interactive research and presentation while exploring plant growth, development, and ecology; plant classification; plant health care; horticultural crops and production; the horticulture industry and related careers; and principles of design and design implementation.

LANDSCAPE INSTALLATION...investigates and implements landscape construction techniques including the proper and safe use of landscape tools, plan reading and interpretation, site management, proper planting, and the installation of landscape features. Potential projects include landscape plantings, mixed material patios, retaining walls, water features, sustainable landscape elements, rain gardens, roof gardens, wooden structures, etc. The course will also introduce basic estimating and contracting standards.

LANDSCAPE MAINTENANCE...assists the learner in identification and implementation of appropriate cultural practices while dealing with challenges in the landscape, including pruning techniques, insect/disease/abiotic problems; pesticides; turf issues; and resolving situations in the field. Course includes production, installation, maintenance, and harvest of edible and ornamental plants. COREQUISITE: 10001110 Horticulture Introduction

PLANTS IN SUMMER AND FALL...explores ornamental and weedy, woody, and herbaceous plant identification, biology and culture/management through outdoor and indoor applied activities. The course activities focus on plants encountered in interior and outdoor landscaping as well as ornamental and food production in eastern Wisconsin and the Midwest. This is the fall and summer focused course of a two-course series that complements Plants in Winter and Spring.