

Catalog No.	Class Title	Credit(s)
<b>Term 1</b>		
10001110	Horticulture Introduction	3.00
10001122	Botany for Gardeners	1.00
10001158	Plants-Woody Ornamental	3.00
10001159	Flowers-Herbaceous	3.00
10001170	Facilities Maintenance/Installation	1.00
10001180	Landscape Installation-Introduction	2.00
10001114	Computer applications for Technicians	1.00
10001127	Landscape Design Studio Introduction	1.00
10801196	Oral/Interpersonal Communications	3.00
<b>Total</b>		<b>18.00</b>
<b>Term 2</b>		
10001109	Landscape Installation-Advanced	2.00
10001153	Plant and Soil Science	3.00
10001130	Greenhouse & Nursery Production	3.00
10001172	Landscape Maintenance	2.00
10001128	Landscape Computer Aided Design	2.00
10804107	College Mathematics	3.00
10809198	Intro to Psychology	3.00
<b>Total</b>		<b>18.00</b>
<b>Program Total</b>		<b>36.00</b>

**Note:** Program start dates vary; check with your counselor for details.

Curriculum and program acceptance requirements are subject to change.

## About the Career

Horticulture technicians can make a living in a wide variety of ways. You may work in the disciplines of plant propagation and production for a greenhouse or tree nursery - nurturing plants to be used in landscaping, food production, or sold in retail garden centers. You may also work on landscape maintenance or landscape construction crews for landscape contractors, lawn care service companies, botanical gardens, municipal park departments, golf courses, civil engineering firms, and natural resource management agencies. Work duties are typically out of doors and very hands on. With time and experience, management and consulting opportunities within the field are possible. The work of a horticulture technician is truly a "green" career.

## Careers

Many exciting career options await horticulture technician graduates. You may decide to enter the work world immediately, or you may choose to continue your education by completing your associate degree through an articulation agreement with a partner school. Entry-level positions available to you may include:

- Nursery and Greenhouse Assistant
- Landscape Installer
- Landscape Maintenance Technician
- Gardening Services

## Admission Steps

- Submit Application and \$30 Processing Fee
- Complete an Assessment for Placement (Accuplacer or ACT)
- Submit Official Transcripts (High School and Other Colleges)
- Meet with Program Advisor
- Complete Functional Ability Statement of Understanding Form

## Program Outcomes

You will learn to:

- Communicate within the horticulture industry.
- Propagate and grow horticulture plants.
- Justify the selection of the appropriate plant(s).
- Determine nutritional requirements of turf grasses and ornamentals.
- Analyze soil and its influence on plant life.
- 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.
- Receive training for Wisconsin Pesticide Certification exam.

## Approximate Costs

- \$132 per credit (resident)
- \$198 per credit (out-of-state resident)
- Other fees vary by program (books, supplies, materials, tools, uniforms, health-related exams, etc.)

## Functional Abilities

Functional abilities are the basic duties that a student must be able to perform with or without reasonable accommodations. At the postsecondary level, students must meet these requirements, and they cannot be modified.

## Placement Scores

Accuplacer/ACT scores will be used to develop your educational plan. Please contact your program counselor/advisor at 920-693-1109.

## Grading Policy

All program courses in the Agriculture Division must be passed with a grade of "C" or better for program graduation.

## Transfer agreements are available with the following institutions:

IMPORTANT: For more information on these agreements, visit [gotoltc.edu/transfer](http://gotoltc.edu/transfer).

---

### **10001109 Landscape Installation Advanced**

...builds upon landscape construction methods learned in Introduction to Landscape Installation. Possible projects include mixed material patios, retaining walls, water features, sustainable landscape elements, rain gardens, roof gardens, wooden structures, etc.

**PREREQUISITE:** 10001180 Landscape Installation Introduction

### **10001110 Horticulture Introduction**

...introduces the learner to the horticulture industry, plant culture, identification, propagation, and physiology. Course will also explore the horticulture industry in regard to fruits, vegetables, ornamentals, greenhouse systems, landscape techniques, home gardens, and turf.

### **10001114 Computer Applications for Technicians**

...provides the learner with basics of the current Windows operating system, terminology, file management, Microsoft Word, Microsoft Excel, and horticulture engineering applications utilizing appropriate computer drafting software.

### **10001122 Botany for Gardeners**

...provides the learner with a broad-based presentation of the importance and usefulness of botany and terminology as it relates to the practice of horticulture. Areas covered include plant growth, organization, adaptation, function, and reproduction.

### **10001127 Landscape Design Studio Introduction**

...teaches the learner to graphically describes objects without CAD Systems or landscape drawing aids. Fundamental components of design process; lettering, geographic construction, orthographic projection, isometric sketching, section views, auxiliary views and dimensioning are covered.

### **10001128 Landscape Computer Aided Design**

...will use computer and computer aided design software as tools for design communication; learners will be introduced to the fundamental components of CAD in landscape design. Property lines, topography, site planning, hardscapes, planting plans, and section view graphics will be covered.

**PREREQUISITES:** 10001114 Computer Applications for Technicians and 10001127 Landscape Design Studio Intro

### **10001130 Greenhouse and Nursery Production**

...provides the student with the skills to analyze and implement efficient, cost-effective, and sustainable methods of horticultural production in a variety of structures as well as field scenarios.

**COREQUISITES:** 10001153 Plant and Soil Science

### **10001153 Plant and Soil Science**

...addresses the unique interactions of healthy plants & soils; examines the physical, chemical, organic & biological characteristics of soils and how they impact the structure & functions of plants.

**COREQUISITE:** 10001110 Horticulture-Introduction

### **10001158 Plants-Woody Ornamentals**

...provides the learner with the physiology, culture, identification, and use of primarily temperate woody plant materials appropriate for landscapes in northeastern Wisconsin.

### **10001159 Flowers-Herbaceous**

...prepares the learner to use flowers/foliage effectively in the landscape including annuals/perennials/roses. Care of each flower emphasizing selection and tips to best utilize each flower and ground-cover/vines is included.

### **10001172 Landscape Maintenance**

...assists learner in identifying problems and cultural challenges in the landscape; pruning techniques, insect/disease problems, weed identification; soil fertility; resolve situations in the field.

**PREREQUISITES:** 10001110 Horticulture Introduction, 10001122 Fundamentals of Plant Nutrition and  
**COREQUISITE:** 10001153 Plant and Soil Science

### **10001180 Landscape Installation Introduction**

...investigates techniques used in landscape construction practices. These include the use of specific landscape tools, plan implementation methods, preliminary site survey methods, proper planting, equipment operations & installations of basic landscape features.

### **10462170 Facilities Maintenance/Installation**

...prepares the learner to use hand and power tools. Introduces basic applications in such areas as carpentry, plumbing, basic electricity, small engines, and concrete.

### **10801196 Oral/Interpersonal Comm**

...provides students with the skills to develop speaking, verbal and nonverbal communication, and listening skills through individual speeches, group activities, and other projects.

**COREQUISITE:** 10838105 Intro Reading and Study Skills or **CONDITION:** Reading accuplcer minimum score of 74 or equivalent

### **10804107 College Mathematics**

...is designed to review and develop fundamental concepts of mathematics pertinent to the areas of: 1) arithmetic and algebra; 2) geometry and trigonometry; and 3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators.

**PREREQUISITE:** Accuplcer Math minimum score of 79 or Equivalent or 10834109 Pre-Algebra and **COREQUISITE:** 10838105 Intro Reading and Study Skills or **CONDITION:** Reading accuplcer minimum score of 74 or equivalent

### **10809198 Intro to Psychology**

...introduces students to a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.

**COREQUISITE:** 10838105 Intro Reading and Study Skills or Accuplcer Reading score of 74 or equivalent