



Horticulture (10-001-1)
Associate of Applied Science
Effective 2018/2019



The course sequence shown on this sheet is the recommended path to completion of the program and reflects how courses are regularly scheduled. Courses will be scheduled in the terms indicated here. Courses may be taken out of sequence as long as requisites are met.

✓	Course Number	Course Title	Requisites	Notes	Credits	Terms Offered
	001-104 *	Greenhouse Systems			3	FA
	001-144 *	Floral Design I / Commercial		3	3	FA
	001-146 *	Sustainable Landscape			1	FA, SU
	001-147 *	Soils and Plant Nutrition			1	FA, SU
	103-143	Computers for Professionals	Prereq: 103-142	1,3	3	FA, SP, SU
	801-136	English Composition 1	Prereq: 831-103	1,3	3	FA, SP, SU
	001-148 *	Plant Pests and Beneficials			1	FA, SP
	001-149 *	Horticulture Events			3	SP
	001-151 *	Greenhouse Crops			3	SP
	001-111 *	Horticulture Practicum	Prereq: 001-147; Coreq: 001-151		3	SP, SU
	804-123	Math with Business Applications	Prereq: 834-109	1,3	3	FA, SP, SU
	001-130 *	Landscape Plants Trees /Shrubs Deciduous			3	FA, SU
	001-143 *	Herbaceous Plants			3	FA, SU
	001-128 *	Horticulture Marketing			3	FA
	104-104 *	Selling Principles			3	FA
	801-196	Oral/Interpersonal Communication	Prereq: 838-105	1	3	FA, SP, SU
	809-196	Sociology, Introduction to	Prereq: 838-105	1,2,3	3	FA, SP, SU
	001-129 *	Pesticide Applicator Certification		3	1	FA, SP
	001-154 *	Alternative Growing Methods			3	SP
	001-142 *	Vegetable Science			3	SP, SU
	001-180 *	Horticulture Portfolio	Prereq: 001-147; 151; 130; 143 Coreq: 001-128		1	SP
	809-198	Psychology, Introduction to	Prereq: 838-105	1,2,3	3	FA, SP, SU
Take 6 elective credits. Any associate degree course may be taken as an elective. Over for suggested electives.					6	
Minimum Program Total Credits Required					62	
AVAILABLE CONCENTRATION: LANDSCAPE						
Instead of these courses		Take these alternates				
001-104	Greenhouse Systems	*001-140	Landscape Design		3	FA, SU
001-144	Floral Design 1/Commercial	*001-136	Landscape Management		3	FA, SU
001-149	Horticulture Events	*001-132	Landscape Plants Evergreen		3	SP
104-104	Selling Principles	*001-122	Horticulture Business Ops.		3	SP

Horticulture (10-001-1)

The *Horticulture* program trains students in greenhouse growing and operations, hydroponics, and retail garden center and floral shop management. Hands-on experience in a commercial greenhouse, ornamental gardens and an operating urban farm are part of the learning experience. Plant identification, care and culture are key elements of the program, as are technical and graphic skills, sustainable methods for plant care and creative approaches to problem solving and landscape design. Students can gain a specialized skill set in landscape which emphasizes landscape design, sustainable landscape management, and landscape estimating and business operations. Students engage in various industry visits to enhance the learning experience.

Program Learning Outcomes

Graduates will be able to:

1. Analyze growing media.
2. Diagnose plant health.
3. Communicate as a horticulture professional.
4. Apply design principles.
5. Provide horticulture maintenance.
6. Apply the principles of plant science.

Core Abilities

Gateway's nine core abilities are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will be able to:

1. Act responsibly.
2. Communicate clearly and effectively.
3. Demonstrate essential computer skills.
4. Demonstrate essential mathematical skills.
5. Develop job seeking skills.
6. Respect themselves and others as members of a diverse community.
7. Think critically and creatively.
8. Work cooperatively.
9. Value learning.

Admission Requirements

1. Students must submit an application and pay \$30 fee.
2. Students must complete reading, writing, math, and computer skills placement assessments.
3. Students must submit official high school, GED, or HSED transcript.

Graduation Requirements

1. Minimum 62 credits with an average of 2.0 or above.
 2. *Average of 2.0 ("C") or above for these major courses.
- For a complete list of Graduation Requirements, check the Student Handbook.

Program Offerings

	Location(s)	Starting Term(s)
Days	Kenosha	FA, SP, SU

Suggested Electives

- | | |
|--------------------------------------|-----------------------------------|
| 001-103 Permaculture | 001-108 Business of Urban Farming |
| 001-109 Urban Farming and Mkt. Gard. | 001-117 Landscape Design/Advanced |
| 001-150 Floristry | 001-152 Perennials |
| 001-153 Fruit Science | |

Notes

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. Transfer credits in Social Science may substitute for this course. See an advisor for details.
3. A credit for prior learning assessment is available for this course. For more information, please contact cfpl@gtc.edu.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult Web Advisor for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.

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