



Greenhouse Operations (10-001-6)

Associate of Applied Science
Effective 2019/2020



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 prerequisites are met.

✓ Course Number	Course Title	Requisites	Notes	Credits	Terms Offered
001-185	* Intro to Horticulture			3	FA, SP
001-143	* Herbaceous Plants	Coreq: 001-185		3	FA, SU
001-146	* Sustainable Landscape			1	FA, SU
001-147	* Soils and Plant Nutrition			1	FA, SP
001-148	* Plant Pests and Beneficials			1	FA, SP
804-135	Quantitative Reasoning	Prereq: 834-109	1	3	FA, SP, SU
801-136	English Composition 1	Prereq: 831-103	1, 3	3	FA, SP, SU
001-129	* Pesticide Applicator Certification			1	SP, SU
001-128	* Horticulture Marketing			3	SP
001-142	* Vegetable Science			3	SP, SU
001-151	* Greenhouse Crops	Prereq: 801-136; Coreq: 804-135		3	SP
103-143	Computers for Professionals	Prereq: 103-142 OR 860-720	1, 3	3	FA, SP, SU
Take 3 elective credits. Any associate degree course may be taken as an elective. Over for suggested electives.				3	FA, SP, SU
001-111	* Horticulture Practicum	Prereq: 001-147; 151		3	SU
001-104	* Greenhouse Systems	Prereq: 001-151		3	FA
001-130	* Landscape Plants Trees/Shrubs Deciduous	Prereq: 001-185		3	FA, SU
001-144	* Floral Design I/Commercial			3	FA, SP
801-196	Oral/Interpersonal Communication		1	3	FA, SP, SU
809-196	Sociology, Introduction to	Prereq: 838-105	1, 2, 3	3	FA, SP, SU
001-149	* Horticulture Events	Prereq: 001-143 OR 001-144 OR 001-151		3	SP, SU
001-154	* Alternative Growing Methods	Prereq: 001-104 OR 140; 001-151		3	SP
001-180	* Horticulture Portfolio	Prereq: 001-111; 128; 130; 143; 147; 151; 801-136; 804-135		1	SP
104-104	* Selling Principles			3	FA, SP
809-198	Psychology, Introduction to	Prereq: 838-105	1, 2, 3	3	FA, SP, SU
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 I/Commercial	*001-136 Landscape Management			3	FA, SU
001-149 Horticulture Events	*001-132 Landscape Plants Evergreen	Prereq: 001-185		3	SP
104-104 Selling Principles	*001-122 Horticulture Business Ops.			3	SP

= Milestone Course. Faculty have identified this course as providing a strong foundation for your success throughout the program. Courses should be taken in the order shown to help you stay on track and graduate on time.

Greenhouse Operations (10-001-6)

The Greenhouse Operations 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

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	001-105 Dendrology & Silvics
001-153 Fruit Science	001-184 Eco. Basis for Natural Res. Mang.
001-186 People, Resources & Sustainability	001-199 Fish, Forestry & Wildlife

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 My Gateway 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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