



Effective 2014/2015

Career Cluster ►



Career Pathway ►

Plant Systems

**HORTICULTURE**  
 (10-001-1A) – Greenhouse & Floral  
 Associate of Applied Science Degree  
 Most Courses Offered at Kenosha Campus

<sup>Δ</sup> Suggested Sequence	✓	Course Number	Course Title	Requisites	Credits	Hrs/Wk Lec - Lab
Semester 1		001-137 *	Greenhouse Business and Planning		3	2-2
		001-144 *	Floral Design I / Commercial		3	2-2
		001-146 *	Sustainable Landscape		1	1-0
		001-147 *	Soils and Plant Nutrition		1	1-0
		103-143	Computers for Professionals	Prereq: 103-142 (See Notes 1 & 3)	3	2-2
		801-136	English Composition 1	Prereq: 831-103 (See Note 1)	3	3-0
Semester 2		001-148 *	Plant Pests and Beneficials		1	1-0
		001-150 *	Floristry	Prereq: 001-144	3	2-2
		001-151 *	Greenhouse Crops		3	2-2
		801-198	Speech	Prereq: 838-105 (See Note 1)	3	3-0
		804-123	Math Business Applications	Prereq: 834-109 (See Note 1)	3	3-0
		809-195	Economics	Prereq: 838-105 (See Note 1)	3	3-0
Semester 3		001-130 *	Landscape Plants I		3	2-2
		001-143 *	Herbaceous Plants		3	2-2
		104-104	Selling Principles		3	3-0
		801-196	Oral/Interpersonal Communication	Prereq: 838-105 (See Note 1)	3	3-0
		809-196	Sociology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
Semester 4		001-111 *	Horticulture Practicum	Prereq: 001-147; 001-151	3	2-2
		001-128 *	Horticulture Marketing		3	2-2
		001-129 *	Pesticide Applicator Certification		1	1-0
		001-154 *	Alternative Growing Methods		3	2-2
		001-142	Vegetable Science		3	2-2
		104-119	Visual Merchandising			1-4
		809-198	Psychology, Introduction to	Prereq: 838-105 (See Note 1)	3	3-0
Electives	<b>Take 6 elective credits. Any associate degree level course may be taken as an elective.</b>				<b>6</b>	
	<b>Suggested Electives:</b>					
		001-103	Permaculture (3 Cr)	001-152	Perennials (3 Cr)	
		001-108	Business of Urban Farming (3 Cr)	001-153	Fruit Science (1 Cr)	
		001-109	Urban Farming and Mkt. Gard. (3 Cr)	802-124	Spanish I (4 Cr)	
		001-117	Landscape Design/Advanced (3 Cr)			
	001-149	Horticulture Events (3 Cr)				

**Minimum Program Total Credits Required**

**67**

<sup>Δ</sup> Courses may be taken out of suggested sequence as long as requisites have been met.



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**PROGRAM DESCRIPTION**

*Horticulture-Greenhouse and Floral* includes training in floral design, greenhouse operations, and garden center and floral shop management. Courses include hands-on experience with flowers, plants, equipment, computers, and horticulture business management. This program may be completed in two years of full-time study.

**PROGRAM LEARNING OUTCOMES**

**Graduates of the Horticulture-Greenhouse & Floral Associate Degree Program should 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 believes students need both technical knowledge and skills and core abilities in order to succeed in a career and in life. The following nine core abilities are the general attitudes and skills promoted and assessed by all Gateway programs. All Gateway graduates should be able to:

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

**ADMISSION REQUIREMENTS**

1. Students must submit an application & \$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 67 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.*

**NOTES**

1. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.
2. Any course may be taken prior to entry in the program, assuming prerequisites and corequisites have been satisfied (or waived with department approval).
3. Formerly 103-199, PC Basics/Microsoft Office.

**OTHER INFORMATION**

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 the Master Class Schedule 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.

**EQUAL OPPORTUNITY/ACCESS EDUCATOR / EMPLOYER**  
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To schedule an appointment with an advisor, please call 1-800-247-7122.  
For a complete list of course descriptions (and possible online courses) for this program, please consult Web Advisor on our web page at [www.gtc.edu](http://www.gtc.edu).

My advisor is \_\_\_\_\_ My advisor's contact information is \_\_\_\_\_