Horticultural Sciences Certificate

The 31-credit-hour certificate granted by Johnson County Community College is a program designed to prepare students for entry into the rapidly advancing, diverse horticultural industry. The coursework provides a solid science foundation for the propagation, production, and managing of plants, both food and essential, in controlled environments and the field. The curriculum is designed to provide students with an invaluable hands-on learning experience. Upon completion of this certificate, students will possess the knowledge and skills to be successful at entry-level or higher positions in most specializations within Horticulture, including crop production, nursery management, landscape maintenance, golf course management, private and public gardens management, garden center operations, wholesale greenhouse growing, greenhouse operations and other related occupations.

Horticultural Sciences Certificate can be completed through a combination of face-to-face, hybrid, and online classes in one year. Horticultural Sciences Certificate is stackable with the AAS Horticultural Sciences degree.

(Major Code 6180; CIP Code 01.0601)

Horticultural Sciences Program web page (http://www.jccc.edu/academics/credit/horticultural-sciences/)

Certificate Requirements
Fall Semester

Code	Title	Hours
HORT 140	Turfgrass I	3
HORT 201	Introduction to Horticultural Science	4
HORT 214	Woody Plants, Deciduous	3
HORT 220	Herbaceous Plants	3
HORT 235	Landscape Maintenance and Techniques	3
Total Hours		**16**

Spring Semester

Code	Title	Hours
Program Elective (see below)		3
HORT 205	Plant Propagation*	3
HORT 215	Woody Plants, Evergreens	3
HORT 225	Plant Problems*	3
HORT 255	Pest Management	3
Total Hours		**15**

Total Program Hours: 31

Program Electives

Code	Title	Hours
HORT 115	Home Horticulture	2
HORT 135	Landscape Design	3
HORT 150	Fruits, Vegetables and Herb Crops	2
HORT 165	Arboriculture	3
HORT 240	Turfgrass II*	3
HORT 260	Horticulture Soils	3
HORT 265	Landscape Construction	3
HORT 270	Horticulture Internship*	3

*   This course has registration requirements.