Horticulture Technology
Associate of Applied Science

Program Coordinator: Ben Casteel • OTC 214 • 276-739-2441

Length: Four semesters (two years)

Purpose: The Horticulture Industry is one of the fastest growing industries in the VHCC service region. The Horticulture program is designed to prepare students for employment in the horticulture industry or a related field and to provide training for those who are currently working in the field and wish to improve their knowledge and skills. Students will not only develop skills in crop production, but also interpersonal and business management skills.

Occupational Objectives: Graduates of the program are prepared for managerial/supervisory level positions in areas that include landscape design and installation, grounds maintenance, turf grass maintenance, floral designer, greenhouse and nursery management, garden center operation, and sales and marketing and related industries.

Program Requirements: The curriculum is designed to integrate courses in nursery management, greenhouse management, turf management and related areas, general education, and electives. Students are advised to follow the curriculum as outlined in the College catalog and consult with their faculty advisor or counselor in planning their programs and selecting electives. A program-specific SDV 101 section that is taught by the program coordinator is available, and students are strongly encouraged to enroll in this section during the first semester. Students planning to transfer should explore opportunities with their faculty advisor or counselor. Upon satisfactory completion of the four-semester curriculum, the student will be awarded an Associate of Applied Science Degree in Horticulture Technology.

Course Number | Course Title | Lecture Hours | Lab Hours | Credits
---|---|---|---|---
First Semester (Fall)
HRT 100 | Intro to Horticulture | 2 | 2 | 3
HRT 205 | Soils | 2 | 2 | 3
HRT 246 or BIO 215 | Herbaceous Plants or Plant Life of Virginia | 2 | 2 | 3
ENG 111 or ENG 115 | College Composition I or Technical Writing | 3 | 0 | 3
HRT 207 | Plant Pest Management* | 2 | 2 | 3
SDV 101 | Orientation to College Success | 1 | 0 | 1
Total | | 12 | 8 | 16

Second Semester (Spring)
HRT 245 | Woody Plants | 2 | 2 | 3
HRT 134 | Four Seasons Food Production | 2 | 2 | 3
HRT 275 | Landscape Construction and Maintenance* | 2 | 2 | 3
HRT 231 | Planting Design I* | 2 | 2 | 3
EEE | Humanities Elective | 3 | 0 | 3
Total | | 11 | 8 | 15

Summer Semester
HRT 197 or 297 | Cooperative Education | 0 | 3 | 3
PED | Physical Education | 0 | 2 | 1
Total | | 0 | 5 | 4

Additional approved humanities and social science electives are listed at http://www.vhcc.edu/GenEdCore.

*Denotes a course with an industry-recognized credential.

Students are urged to follow the default pathways for this degree when making elective selections.

Horticulture Technology (AAS)
Horticulture Technology - Specialization in Business and Entrepreneurship (AAS)

Total Minimum Credits for AAS Degree: 66