

ASSOCIATE OF APPLIED SCIENCE DEGREE (335)

Horticulture Technology

Purpose: Horticulture, the science and art of growing fruits, vegetables, flowers or ornamental plants, is a billion-dollar industry in Virginia, and accounts for billions more dollars across the United States, which means jobs.

The Virginia Western Horticulture Program is an excellent way to take advantage of the many career opportunities in the green industry. The program offers an associate of applied science degree with emphasis on landscape management and plant production.

All horticulture classes have labs allowing you to get hands-on experience caring for plants in the two-acre campus arboretum, designing a landscape plan or growing flowers in the college's greenhouse. The program also emphasizes business classes because many students go on to run nurseries, garden centers, greenhouses or landscaping companies.

If you prefer a short-term curriculum, the department offers two Career Studies Certificates with specializations in Greenhouse Management and Landscaping.

Occupational Objectives: Manager or employee in a nursery or greenhouse; owner/manager of a landscaping firm; and employee in a retail horticulture business or a related industry.

Admission Requirements: Applicants must meet the general requirements for admission to the college. Proficiency in high school English and one unit of high school Algebra. Deficiencies may be removed through developmental studies.

Program Requirements: It is strongly recommended that students take ENG 111 in the first semester of classes. Students in this program will be provided an opportunity to obtain on-the-job training through cooperative arrangements between the college and prospective employers. Specific details about transfer arrangements can be obtained from the horticulture program head. Students who do not place above Algebra I (MTH 3) and into Algebra II (MTH 4) or higher on the placement test will be required to take developmental courses.

CURRICULUM AND OTHER REQUIREMENTS **CREDITS**
GENERAL EDUCATION CORE COURSES

CST 105	Oral Communication (or CST 100)	3
ENG 111	College Composition I	3
HLT/PED ¹	Health or Physical Education	2
ITE 115	Intro to Computer Applications and Concepts	3
MTH 120*	Introduction to Mathematics	3
SDV 100	College Success Skills	1
E ²	Humanities/Fine Arts Elective	3
E ³	Social Science Elective	6

HORTICULTURE AND RELATED COURSES

BUS 165	Small Business Management	3
HRT 110	Principles of Horticulture	3
HRT 115	Plant Propagation	3
HRT 117	Tools & Equipment.....	2
HRT 201-202*	Landscape Plants I-II	6
HRT 205	Soils	3
HRT 207	Plant Pest Management	3
HRT 227	Professional Landscape Mngmnt	3
HRT 231	Planting Design I	3
HRT 232*	Planting Design II	3
HRT 246.....	Herbaceous Plants	2
HRT 269.....	Professional Turf Care.....	3
HRT 285	Mngmnt of a Horticulture Business	3
HRT 297	Cooperative Education (or HRT 296)	2
Total Minimum Credits for Degree		66

¹Two credits of Health (HLT) or Physical Education (PED) are required of all students. Consult approved Health courses in the Description of Courses for selection. Veterans with an honorable discharge will be awarded HLT/PED credit based on military service.

²Any three credit 100 or 200 level ART, ENG, FRE, HUM, MUS, PHI, REL or SPA elective may be used, except ENG 111, ENG 112 or ENG 210. CST 130, 131, 132 or 136 may also be used. Students intending to transfer should contact the four-year college and choose a humanities course from the "Approved List of Transfer Courses" that is recommended by their transfer institution.

³Any 100 or 200 level social science elective may be used. Students intending to transfer should contact the four-year college and choose a social science course from the "Approved List of Transfer Courses" that is recommended by their transfer institution.

* This course has a prerequisite. Prerequisites for all courses are listed in the course description section at the back of the catalog.

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Horticulture Technology cont'd**SUGGESTED SCHEDULE****FIRST YEAR****FALL**

ENG 111
 HRT 110 (fall only)
 HRT 201 (fall only)
 ITE 115
 SDV 100
 Social Science Elective

SPRING

HLT/PED
 HRT 117 (spring only)
 HRT 202 (spring only)
 HRT 269 (spring only)
 MTH 120
 Social Science Elective

SECOND YEAR**FALL**

CST 105 (or CST 100)
 HRT 115 (fall only)
 RT 207 (fall only)
 HRT 231 (fall only)
 HRT 246 (fall only)
 Humanities/Fine Arts

SPRING

BUS 165
 HRT 205 (spring only)
 HRT 227 (spring only)
 HRT 232 (spring only)
 HRT 285 (spring only)
 HRT 297 (or HRT 296)