

# Horticulture Technology-Specialization in Landscape and Hardscape Construction and Management

## Associate of Applied Science

**Program Coordinator:** Ben Casteel • OTC 206 • 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 Technology Specialization: Landscape and Hardscape Construction and Management 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 landscape and hardscape construction, but they will also develop interpersonal and business management skills.

**Occupational Objectives:** Graduates of this program are prepared for managerial/supervisory level positions in areas that include landscape design and installation, grounds maintenance, 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. 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 – Specialization in Landscape and Hardscape Construction and Management.

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>First Semester (Fall)</b>				
HRT 100	Into. to Horticulture	2	2	3
HRT 205	Soils	2	2	3
HRT 246	Herbaceous Plants	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
<b>Total</b>		<b>12</b>	<b>8</b>	<b>16</b>
<b>Second Semester (Spring)</b>				
HRT 115	Plant Propagation	2	2	3
HRT 269	Professional Turf Care	2	2	3
HRT 226	Greenhouse Management	2	2	3
HRT 231	Planting Design I*	2	2	3
EEE	Humanities Elective	3	0	3
<b>Total</b>		<b>11</b>	<b>8</b>	<b>15</b>
<b>Summer Semester</b>				
HRT 197 or 297	Cooperative Education	0	45	3
PED	Physical Education	0	2	1
<b>Total</b>		<b>0</b>	<b>47</b>	<b>4</b>

Course Number	Course Title	Lecture Hours	Lab Hours	Credits
<b>Third Semester (Fall)</b>				
HRT 259	Arboriculture*	2	2	3
EEE	Social Science Elective	3	0	3
BIO 215	Plant Life of Virginia	2	3	3
BIO 101	General Biology I	3	3	4
MTH 132	Business Mathematics	3	0	3
<b>Total</b>		<b>13</b>	<b>8</b>	<b>16</b>
<b>Fourth Semester (Spring)</b>				
CST 100	Public Speaking	3	0	3
HRT 245	Woody Plants	2	2	3
HRT 275	Landscape Construction and Maintenance *	2	2	3
EEE	Social Science Elective	3	0	3
HRT 227	Professional Landscape Management	2	2	3
<b>Total</b>		<b>12</b>	<b>6</b>	<b>15</b>
<b>Total Minimum Credits for AAS Degree</b>				<b>66</b>

\*Denotes a course with an industry-recognized credential.

Students are urged to follow the [recommended pathway](#) for this degree when choosing electives.

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