



Pathway: Plant Science

Plan of Study: Horticulture and Landscape Technologies

Program: Horticulture & Landscape Technologies

Career Goal (O*Net Code): [O*Net Search for Careers Related to Horticulture & Landscape Technologies](#)

(Click below to access education, skills, and employment outlook information)

- 27-1023.00 [FLORAL DESIGNER](#)
- 37-3011.00 [LANDSCAPING AND GROUNDSKEEPING WORKERS](#) ☀
- 37-3012.00 [PESTICIDE HANDLERS, SPRAYERS, AND APPLICATORS, VEGETATION](#)
- 37-1012.00 [FIRST-LINE SUPERVISORS/MANAGERS OF LANDSCAPING, LAWN SERVICE, AND GROUNDSKEEPING WORKERS](#)
- 45-2092.01 [NURSERY WORKER](#)
- 45-1011.07 [FIRST-LINE SUPERVISORS/MANAGERS OF AGRICULTURAL CROP AND HORTICULTURAL WORKERS](#) 🌿
- 11-9013.01 [NURSERY AND GREENHOUSE MANAGERS](#) ☀
- 41-4012.00 [SALES REPRESENTATIVES, WHOLESALE AND MANUFACTURING, EXCEPT TECHNICAL AND SCIENTIFIC PRODUCTS](#) ☀

☀ - Bright Outlook 🌿 - Green

Relevant Occupational Experience

(Your Life Experiences may be worth College Credit!):

CCCS Credit for Prior Learning Guide



FRCC Credit for Prior Learning

- [FRCC Standards for Awarding](#)
- [Policies and Procedures](#)
- [Transferability](#)

Students with experience in horticulture should also consult with an HLT program director for information on class content that must be matched when applying for credit for prior learning.

LMI Gateway Link to Related Occupations

Possible Pathways to your Career!

	Programs Available  	Program Length <i>(*Based on meeting Program Entrance Requirements)</i>	Estimated Tuition <i>(*Based on Resident Tuition after COF)</i>	Possible Career Options	Salary Range
Certificate Option(s)	Floral Design Horticulture Irrigation Contracting and Management Landscape Contracting Technician Landscape Design Landscape Maintenance Technician Nursery, Greenhouse, and Garden Center Management Turfgrass Management Urban Agriculture Management	30 Credits	<u>\$3,747.00</u>	Floral Designer, Landscaping and Groundskeeping Workers, Pesticide Handlers, Sprayers and Applicators, Vegetation, First-line Supervisors/Managers, Lawn Service and Groundskeeping workers, Nursery Worker, First-line Supervisors/Managers of Agricultural Crop Horticultural Workers, Nursery and Greenhouse Managers, Sales Representatives, Wholesale and Manufacturing, except technical and scientific products	\$ - \$\$\$
AAS Degree	AAS Degree Horticulture and Landscape Technologies	61 credits	<u>\$7,618.90</u>		\$\$ - \$\$\$

Articulation Opportunities to Advanced Degrees:

Advanced Degree(s)	Associate's to Bachelor's® Program at Regis University College for Professional Studies (CPS) BA (Global Environmental Sustainability) BA (Agricultural Sciences)		Regis Tuition Information CSU CSU	First-line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers, Landscape Architects, Surveyors, Foresters	\$\$-\$\$\$
	College Tuition Comparison Guide – (Land Grant Universities across the US)				

* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

Extended Learning Experiences

Student Services & Support Structures:

- [Academic Advising](#)
- [Academic Support Labs](#)
- [Admissions and Records](#)
- [Bookstores](#)
- [Career Counseling](#)
- [Crisis Counseling & Stress Management Services](#)
- [Disability Services](#)
- [English as a Second Language](#)
- [General Education Development \(GED\)](#)
- [Tutoring](#)
- [Libraries](#)
- [Student Email](#)
- [Student Employment Services](#)
- [Student Life](#)
- [Testing Center Services](#)
- [Veteran Services](#)

Financial Aid:

- [FAFSA](#)
- [Grants](#)
- [Work Study](#)
- [Loans](#)
- [Scholarships](#)

Professional Affiliations:

- [Amer. Soc. of Landscape Arch.](#)
- [Assoc. Landscape Contractors](#)
- [CO Assn. of Lawn Care Prof.](#)
- [CO Dept. of Agriculture](#)
- [CO Division of Plant Industry](#)
- [CO Garden and Home Show](#)
- [CO Nursery & Greenhouse Assn.](#)
- [CO Weed Management Assn.](#)
- [Garden Centers of CO](#)
- [Golf Course Super. Assn.](#)
- [GreenCO](#)
- [Grow Local Colorado](#)
- [Horticultural Therapy Institute](#)
- [Irrigation Assn.](#)
- [Int'l. Soc. Arboriculture](#)
- [Turfnet](#)

Practical Learning Experiences:

- [Internships](#)
- [Career Preparation](#)
- [Service Learning/Volunteering](#)
- [Student Experiences](#)

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Physical & Sensory Requirements, Horticulture & Landscape Technologies

Key: N = Never O = Occasional: 1 – 33% of time F = Frequent: 34 – 75% of time C = Constant: 76 – 100% of time

PHYSICAL CAPABILITIES								SENSORY CAPABILITIES														
Activity		Frequency				Activity		Frequency				Activity		Frequency								
		N	O	F	C			N	O	F	C			N	O	F	C					
Lift/Carry						Push/Pull						Walk						Able to see clearly at both near and far distances				
10 lbs or less				X		15 lbs or less				X		Sit				X		Able to identify and distinguish colors			X	
11-20 lbs				X		16-30 lbs				X		Stand					X	Able to judge distances and spatial relationships			X	
21-50 lbs			X			31-50 lbs				X		Fine motor manipulations				X		Able to communicate verbally and in writing				X
51-100 lbs						51-100 lbs				X		Gripping				X		Able to distinguish between sounds such as telephone vs. fire alarms, tone of voice, varied decibels			X	
100+ lbs												Squat/Kneel				X						
												Bend				X						
Drive						Computer				X		Twist/Turn				X		Able to perceive attributes of objects such as size, shape, temperature, texture through touch				X
Manual			X			Data Entry				X		Crawl			X							
Automatic			X			Use of mouse				X		Climb			X							
												Reach above chest				X						
												Reach outward				X						

For more information on the Physical & Sensory Requirements for this Pathway, please contact:

Disability Support Services

- [Boulder Campus](#): (303) 678 - 3922
- [Larimer Campus](#): (970) 204 – 8112
- [Westminster Campus & Brighton Center](#): (303) 404 - 5676

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