

# HORTICULTURE AND LANDSCAPING SHSM

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## PROFILE OF THE HORTICULTURE SECTOR

Ornamental horticulture and landscaping is a multibillion-dollar industry offering thousands of full- and part-time employment opportunities in Ontario. The sector is growing rapidly due to unprecedented residential and commercial construction activity. There will be a great demand, as well as expanded entrepreneurial opportunities, for skilled employees in this sector over the coming years.

The need for management of local parks and botanical or heritage gardens, maintenance of sports grounds, and construction of domestic gardens is growing, as is consumer demand for outdoor recreation, environmental sustainability, and eco-tourism.<sup>1</sup>

The SHSM–Horticulture and Landscaping provides students with a strong foundation for a wide variety of careers in the horticulture and landscaping sector. Depending on local circumstances, this SHSM may be designed to have a particular focus. Where a choice of focus areas is offered, students may select one.

## SAMPLE OCCUPATIONS IN THE HOSPITALITY AND TOURISM SECTOR

Apprenticeship Training	College
<ul style="list-style-type: none"><li>• Arborist</li><li>• Horticultural Technician</li><li>• Small Engine Technician</li></ul>	<ul style="list-style-type: none"><li>• Golf Course Technician</li><li>• Landscape Technologist</li><li>• Parks Operations Manager</li><li>• Tree Service Technician</li><li>• Urban Forestry and Park Technician</li></ul>
University	Workplace
<ul style="list-style-type: none"><li>• Biologist</li><li>• Botanist</li><li>• Horticulturalist</li><li>• Landscape Architect</li><li>• Plant Pathologist</li></ul>	<ul style="list-style-type: none"><li>• Gardener</li><li>• Greenhouse Worker</li><li>• Grower</li><li>• Landscape Labourer</li><li>• Landscaping and Grounds Maintenance Contractors</li><li>• Lawn and Garden Retail Salesperson</li><li>• Plant Propagator</li></ul>

Note: The names here reflect common usage by institutions and organizations in this sector in Ontario.

## Required Components for the SHSM – Horticulture and Landscape

The SHSM-Health and Wellness has the following five components:

### 1. A bundle of nine Grade 11 and 12 courses

- four Horticulture and Landscape major credits
- three required courses in English, math, business or science where a CLA is delivered
- two co-op credits in the sector (additional co-op credits can be substituted for major or required credits)

SHSM–Horticulture and Landscaping									
Credits		Apprenticeship Training		College		University		Workplace	
		Gr. 11	Gr. 12	Gr. 11	Gr. 12	Gr. 11	Gr. 12	Gr. 11	Gr. 12
<b>Major Credits</b> (may include maximum of 1 Co-op Credit)		4*		4*		4*		4*	
includes content delivered in the sector's context	English	1		1		1		1	
	Mathematics	1		1		1		1	
	Business Studies or Science or Additional Co-op Credit	1		1		1		1	
<b>Cooperative Education</b>		2		2		2		2	
<b>Total number of credits</b>		9		9		9		9	

\*a minimum of one Gr 11 and one Gr 12 credit

### 2. Seven sector recognized certifications and training:

Four compulsory			
CPR – Level C + AED	WHMIS	plant identification	Standard First Aid
Three electives from the list below			
cash handling	customer service	edging and trimming	grading and drainage
grading and sodding	herbicide & pesticide use	ladder safety training	lawn mower user & safety
paver installation	phone etiquette	plant layout	pruning
tree planting	work orders		

### 3. Experiential Learning and Exploration Activities

### 4. Reach Ahead Experiences

### 5. Essential Skills and Workplace Habits and the Ontario Skills Passport