

Industry Credential Alignment
OCNT Core + Landscape

Courses	Horticulture A5							
	<i>Landscape Hardscapes 010640</i>	<i>Plant & Horticulture Science 010155</i>	<i>Greenhouse & Nursery Mgt. 010610</i>	<i>Landscape Systems Mgt. 010615</i>	<i>Floral Design & Mgt. 010615</i>	<i>Landscape Design 010630</i>	<i>Turf Grass Mgt 010635</i>	<i>Urban Forestry 010740</i>
Competency	194	116	178	147	117	128	158	127
1.1.1. Identify the	1	1	1	1	1	1	1	1
1.1.2. Identify the scope of	1	1	1	1	1	1	1	1
1.1.4. Describe the role and	1	1	1	1	1	1	1	1
1.1.6. Explain the	1	1	1	1	1	1	1	1
1.1.8. Identify the	1	1	1	1	1	1	1	1
1.1.9. Give and receive	1	1	1	1	1	1	1	1
1.1.10. Adapt personal	1	1	1	1	1	1	1	1
1.1.12. Identify healthy	1		1	1		1	1	1
1.2.3. Identify and use	1	1	1	1	1	1	1	1
1.2.5. Communicate	1	1	1	1	1	1	1	1
1.2.6. Use proper grammar	1	1	1	1	1	1	1	1
1.2.10. Use interpersonal	1	1	1	1	1	1	1	1
1.3.1. Analyze how	1	1	1	1	1	1	1	1
1.3.2. Follow protocols and			1		1			
1.3.3. Use ethical character			1		1			
1.3.7. Identify the labor			1		1			
1.4.1. Use office equipment	1	1	1	1	1	1	1	1
1.5.2. Describe how								
1.6.1. Identify business	1	1	1	1	1	1	1	1
1.6.5. Describe	1		1	1	1	1	1	1
1.6.9. Explain how the	1		1	1	1	1	1	1
1.8.1. Forecast future			1		1			
1.8.2. Select and organize	1		1	1	1	1	1	1
1.8.5. Use inventory and	1		1	1	1	1	1	1
1.8.8. Identify routine			1		1			
1.12.1. Use Occupational	1		1	1	1	1	1	1
1.12.9. Identify, inspect and	1		1	1	1	1	1	1
1.12.10. Follow established	1		1	1	1	1	1	1
1.12.17. Identify symptoms of			1					
4.1.1. Identify the types of	1			1			1	1
4.1.2. Ensure the presence	1			1			1	1
4.1.3. Identify potential	1			1			1	1
4.1.4. Maintain machinery,	1			1			1	1
4.2.1. Follow	1			1	1		1	1
4.2.2. Differentiate among	1			1	1		1	1
4.2.3. Perform pre- and	1			1			1	1
4.2.4. Perform appropriate	1			1			1	1
5.3.1. Identify, interpret	1					1		
5.3.2. Apply proportional	1				1	1		
5.3.3. Complete a site	1					1	1	
5.3.4. Develop a program	1				1	1	1	
5.3.5. Apply the principles	1				1	1		
5.3.6. Apply the elements of	1				1	1		
5.3.7. Incorporate design,	1				1	1		
5.3.8. Calculate the space	1					1		
5.3.9. Prepare sketches,	1					1		
5.3.10. Apply designing and	1					1		
5.3.11. Identify construction	1					1		
5.3.12. Estimate material,	1				1	1	1	1
5.3.13. Establish the	1				1	1	1	
5.4.1. Identify civil drafting	1					1		
5.4.2. Interpret maps,	1					1		
5.4.3. Perform site	1					1		
5.4.5. Identify	1					1		
5.6.1. Compare and contrast	1							
5.6.2. Lay out, cut, smooth,	1							
5.6.3. Lay out, cut and	1							
5.6.4. Lay out, cut,	1							
5.6.5. Lay out, cut and	1							
5.6.6. Lay out, cut and								
5.6.7. Lay out and install								
5.6.8. Install exterior doors								
5.6.9. Install exterior								
5.6.10. Install glass, rigid	1							
5.6.13. Contrast surface	1							
5.6.14. Contrast options and	1							
5.7.1. Describe the physical	1							
5.7.2. Explain the chemical	1							
5.7.3. Describe air ratio and	1							
5.7.6. Mix, place and finish	1							
5.7.7. Install cut masonry	1							
5.7.8. Install footers, lintels,	1							
5.7.9. Install gravel and	1							
5.7.11. Layout and construct	1							
5.8.1. Calculate water	1	1				1	1	
5.8.2. Compare the types,	1	1					1	
5.8.3. Locate water system	1						1	
5.8.4. Identify components	1						1	
5.8.6. Describe factors that	1					1	1	
5.8.7. Estimate and	1					1	1	

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5.8.8.	Calculate the slope	1				1		1	
5.8.9.	Select supply and	1	1			1		1	
5.8.11.	Join pipe, pipefittings	1						1	
6.1.2.	Describe the	1	1	1	1	1		1	1
6.1.3.	Collect, test and	1	1	1		1		1	1
6.1.4.	Identify factors (e.g.,	1	1	1		1		1	1
6.1.5.	Determine land use	1	1		1	1		1	1
6.1.6.	Apply soil	1	1			1		1	1
6.1.7.	Compare and	1	1			1		1	1
6.1.8.	Describe soil	1	1		1	1		1	1
6.1.9.	Evaluate soil survey	1	1		1	1		1	1
6.1.10.	Assess basic							1	
6.2.2.	Measure pH,		1					1	
6.2.3.	Measure hardness,		1					1	
6.2.4.	Explain the		1	1				1	
6.2.5.	Explain the biotic	1	1	1		1		1	
7.1.3.	Measure the acidity,								
7.1.9.	Describe the								
8.1.1.	Compare and		1	1	1			1	
8.1.2.	Describe the		1	1	1			1	
8.1.3.	Determine the		1	1	1			1	
8.1.4.	Identify symptoms		1	1	1			1	1
8.1.5.	Collect soil and plant		1	1	1			1	1
8.1.6.	Analyze and draw		1	1	1			1	
8.1.7.	Distinguish between		1	1	1			1	1
8.1.8.	Calculate nutrient	1	1	1	1	1		1	
8.1.9.	Determine the	1	1	1	1	1		1	1
8.1.10.	Select the methods	1	1	1	1	1		1	1
8.2.1.	Identify the		1	1					
8.2.2.	Describe how biotic		1	1	1				
8.2.3.	Compare and		1	1					
8.2.4.	Select seeds and seed		1	1	1			1	
8.2.5.	Select and apply		1	1					
8.2.6.	Select and apply all		1	1					
8.3.1.	Identify and classify	1	1	1	1	1		1	1
8.3.2.	Examine the	1	1	1	1	1		1	1
8.3.3.	Analyze and	1	1	1	1	1		1	1
8.3.4.	Determine and	1	1	1	1	1		1	1
8.3.5.	Evaluate the	1	1	1	1	1		1	1
8.3.6.	Describe genetic		1					1	
8.3.7.	Describe the types		1	1	1			1	1
8.3.8.	Describe the types		1	1	1			1	1
8.3.9.	Develop an IPM	1	1	1	1	1		1	1
8.3.10.	Select application	1	1	1	1	1		1	1
8.3.11.	Evaluate IPM plans	1	1	1	1	1		1	1
8.4.1.	Identify and classify	1	1	1	1	1		1	1
8.4.2.	Identify plant	1	1	1	1	1		1	1
8.4.3.	Identify and classify	1	1	1	1	1		1	1
8.4.4.	Explain requirements		1	1	1	1		1	1
8.4.5.	Understand aerobic		1	1	1			1	1
8.4.6.	Identify the	1		1		1		1	1
8.4.7.	Identify the plant	1		1		1		1	1
8.4.8.	Understand the	1		1		1		1	1
8.4.9.	Manipulate natural	1	1	1		1		1	1
8.4.10.	Select, evaluate and	1	1	1		1		1	1
8.4.11.	Understand and	1	1	1	1	1		1	1
8.4.12.	Evaluate and			1				1	1
8.4.13.	Evaluate and	1		1		1		1	1
8.4.14.	Control plant growth	1		1		1		1	1
8.4.15.	Analyze plant water	1		1		1		1	1
8.4.16.	Explain the process		1	1	1			1	1
8.4.17.	Recognize plant			1	1			1	1
8.5.1.	Identify		1	1	1	1			
8.5.3.	Adjust to		1	1	1				
8.5.12.	Implement		1	1		1			
Total Number of Aligned Cc		104	68	79	65	47	76	95	71
Percent Aligned		53.60824742	58.62068966	44.38202247	44.21768707	40.17094017	59.375	60.12658228	55.90551181