

Industry Credential Alignment
OCNT Core + Garden Center

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
1.1.7. Apply problem-	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
1.1.11. Recognize different	1		1	1		1	1	1
1.1.12. Identify healthy	1		1	1		1	1	1
1.2.1. Extract relevant,	1	1	1	1		1	1	1
1.2.2. Deliver formal and	1	1	1	1	1	1	1	1
1.2.3. Identify and use	1	1	1	1	1	1	1	1
1.2.4. Use negotiation and	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
1.2.7. Use problem-solving	1	1	1	1	1	1	1	1
1.2.10. Use interpersonal	1	1	1	1	1	1	1	1
1.2.11. Write professional	1	1	1	1	1	1	1	1
1.2.12. Use technical writing	1	1	1	1	1	1	1	1
1.2.13. Identify stakeholders	1		1	1	1	1	1	1
1.2.14. Use motivational	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			
1.3.4. Identify how federal			1		1			
1.3.5. Access and			1					
1.3.6. Identify deceptive					1			
1.3.7. Identify the labor			1		1			
1.3.9. Identify potential			1		1			
1.4.1. Use office equipment	1	1	1	1	1	1	1	1
1.5.2. Describe how								
1.5.3. Use cultural								
1.5.4. Recognize barriers in								
1.5.5. Recognize the ways								
1.5.6. Analyze work tasks								
1.5.7. Use intercultural								
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
1.10.1. Identify how the roles	1	1	1	1	1	1	1	1
1.10.2. Determine the	1	1	1	1	1	1	1	1
1.10.3. Communicate	1	1	1	1	1	1	1	1
1.10.4. Identify the company	1	1	1	1	1	1	1	1
1.10.5. Monitor customer	1	1	1	1	1	1	1	1
1.10.6. Discuss the	1	1	1	1	1	1	1	1
1.10.7. Describe the		1	1		1			
1.10.8. Use promotional		1	1		1		1	
1.10.9. Describe how product		1	1		1			
1.10.10. Demonstrate sales		1	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					
4.1.2. 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		
5.3.5. 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		
6.1.1. Identify soil forming	1	1	1			1	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
6.1.9. Evaluate soil survey	1	1		1		1	1	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	
6.2.6. Monitor and analyze	1	1	1			1	1	
6.2.7. Implement	1	1	1			1	1	
6.5.5. Monitor the control								
7.1.3. Measure the acidity,								

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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		
8.1.9.	Determine the	1	1	1		1	1	1	
8.1.10.	Select the methods	1	1	1		1	1	1	
8.2.1.	Identify the		1						
8.2.2.	Describe how biotic		1	1					
8.2.3.	Compare and		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	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	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			
8.5.8.	Assess the stage of		1	1		1			
8.6.1.	Describe safety			1	1	1			
8.6.2.	Adjust to			1	1	1			
8.6.5.	Explain the proper			1	1	1			
8.6.6.	Maintain and			1	1	1			
8.6.7.	Prepare products for		1	1	1	1			
8.6.8.	Identify storage			1	1	1			
8.6.9.	Monitor			1	1	1			
8.6.10.	Explain the reasons			1	1	1			
8.6.11.	Implement and			1	1	1			
Total Number of Aligned Co		80	81	109	82	70	73	94	80
Percent Aligned		41.2371134	69.82758621	61.23595506	55.78231293	59.82905983	57.03125	59.49367089	62.99212598