

## **Course Description**

## ORH2230 | Exterior Plant Usage and Maintenance | 3.00 Credits

This course emphasizes the maintenance and installation of exterior plants in the South Florida Environment. Students will learn installation procedures for bedding plants, shrubs, trees/palms, and vines. Students will be required to become familiar with all plants and equipment names and uses.

Course Competency	Learning Outcomes
<b>Competency 1:</b> demonstrate an understanding of landscape site evaluation	
<ol> <li>Conducting a site evaluation of a landscape area.</li> <li>Determining the texture characteristics and measuring percolation rates of the soil.</li> <li>Collecting and testing a soil sample from the field site.</li> <li>Interpreting soil sample results.</li> </ol>	
<b>Competency 2:</b> understand how a landscape project is developed	
<ol> <li>Using the information determined by the site evaluation to identify necessary maintenance requirements.</li> <li>Developing a maintenance task list and schedule for the site.</li> <li>Identifying the equipment necessary for the determined tasks.</li> <li>Developing a sample budget for the project.</li> <li>Identifying the safety requirements for the project.</li> </ol>	
<b>Competency 3:</b> become familiar with the maintenance requirements of different groups of exterior plants	

1. Identifying plants as bedding plants, trees, shrubs, epiphytes, vines or palms.         2. Designing a landscapearea for a specific plant category.         3. Preparing the area for installation of the design.         4. Identifying correct maintenance procedures for exterior plants including fertilizer types, fertilizer application, and mulch.         5. Determining if a plant stake is needed and practicing the correct procedure to stake a plant.         6. Identifying how to prepare a plant for transplant.         Competency 4:understand how to best manage exterior plant health         1. Identifying the ideal growing conditions for exterior plants.         2. Monitoring and interpreting weather forecasts.         3. Describing how weather can contribute to a decrease in plant the alth.         4. Preparing a plant for adverse weather.         5. Determining water requirements and application rates for different plants.         6. Describing correct sanitation procedures for maintaining plant health.			
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