

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
Competency 1: demonstrate an understanding of landscape site evaluation	
 Conducting a site evaluation of a landscape area. Determining the texture characteristics and measuring percolation rates of the soil. Collecting and testing a soil sample from the field site. Interpreting soil sample results. 	
Competency 2: understand how a landscape project is developed	
 Using the information determined by the site evaluation to identify necessary maintenance requirements. Developing a maintenance task list and schedule for the site. Identifying the equipment necessary for the determined tasks. Developing a sample budget for the project. Identifying the safety requirements for the project. 	
Competency 3: 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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