



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
<p>Competency 1: demonstrate an understanding of landscape site evaluation</p> <ol style="list-style-type: none"> 1. Conducting a site evaluation of a landscape area. 2. Determining the texture characteristics and measuring percolation rates of the soil. 3. Collecting and testing a soil sample from the field site. 4. Interpreting soil sample results. 	
<p>Competency 2: understand how a landscape project is developed</p> <ol style="list-style-type: none"> 1. Using the information determined by the site evaluation to identify necessary maintenance requirements. 2. Developing a maintenance task list and schedule for the site. 3. Identifying the equipment necessary for the determined tasks. 4. Developing a sample budget for the project. 5. Identifying the safety requirements for the project. 	
<p>Competency 3: become familiar with the maintenance requirements of different groups of exterior plants</p>	

<ol style="list-style-type: none"> 1. Identifying plants as bedding plants, trees, shrubs, epiphytes, vines or palms. 2. Designing a landscape area 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. 	
<p>Competency 4: understand how to best manage exterior plant health</p>	
<ol style="list-style-type: none"> 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 health. 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. 	
<p>Competency 5: determine how the plant environment affects overall growth</p>	
<ol style="list-style-type: none"> 1. Identifying weeds and applying herbicides. 2. Calculating fertilizer application rates. 3. Maintaining fertilizer records. 4. Determining and applying appropriate water requirements and rates for the plant environment. 	

Updated: SUMMER TERM 2010