

**Horticulture for Landscapes, Orchards, and Gardens II**  
**General Syllabus**

**Offered by University of California Cooperative Extension (= Farm Advisor's Office)**  
**Location: 1031 S. Mt. Vernon Ave., Bakersfield**  
**Class meets 5:30 – 8 :30 pm, one night per week**

Principal Instructor: John Karlik  
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Session	Topic	Instructor <sup>1</sup>
1	Introduction, video <i>Water Movement in Soil</i>	
2	Soil Science: fertilizer materials, soil testing, chelates	
3	Irrigation: water budget and scheduling, CA water, drip systems	
4	Insect Biology and Management II Ants, termites, wood borers, landscape insects	David Haviland
5	Vegetable Crops II	Joe Nunez
6	Plant Science: plant hormones, seed biology, plant life cycles, compartmentalization of decay	
7	Roses	
8	Landscape Design: small gardens, arbors	
9	Landscape Plant Materials: Shrubs	
10	Landscape Management: Pruning specialty plants: camellias, gardenias, rhododendrons & azaleas; Also training young trees and an outdoor pruning demo for shrubs	
11	Insecticides, Agrochemical Classes	
12	Vertebrate Pests	Julie Finzel
13	Troubleshooting II	
14	Citrus and Subtropicals II	Craig Kallsen
15	Miscellaneous Topics and Conclusion	

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<sup>1</sup>John Karlik unless otherwise noted