



THE UNIVERSITY OF ARIZONA

**Cooperative Extension**

Greenlee County

## 2022 Horticulture/Master Gardener Class Schedule

Note: This is a tentative schedule. Some subjects may be scheduled to a different month, depending on availability of a suitable location providing hands on opportunity. We also have some classes To Be Determined, meaning there are occasionally 2 in a month. December has been discontinued due to conflicts of interest.

**Contact:** Bill Cook, office: 928-359-2261 cell: 928-254-8734 or email [wrc@email.arizona.edu](mailto:wrc@email.arizona.edu)

### **January - Pruning for fruit production**

January 8, 2022 10am-2pm

- Hands-on class.
- Tool selection, sharpening and adjustment, you are encouraged to bring your own tools for sharpening
- How to prune the different types of fruit, explaining why each is pruned in a different way
- Dormant spray and fertilizer
- Dress to be outdoors and pack a lunch

### **February- Home irrigation**

February 12, 2022 10am-2pm

- Hands-on class
- Different methods of watering and the materials used
- The many manufacturers and how compatibility of components makes the difference between success and failure
- Wiring a timer
- Trouble shooting valves and timers
- Dress to be outdoors and pack a lunch

Rose care (pending interest)

- Pruning different types of roses
- Oil spray and fertilizer
- Summer care

### **March - Vegetable Gardening**

March 12, 2022 10am–2pm

- Hands-on class
- What to plant and when
- Soil temperatures and germination
- Companion planting
- Crop rotation
- Garden pests and solutions
- Watering methods
- Planning for seed saving
- Dress to be outdoors and pack a lunch

### **April - Plant Propagation**

April 9, 2022 10am-2pm

- Hands on
- Seed germination
- Seed scarification/stratification
- Division
- Plants from cuttings
- Grafting
- Indoors, pack a lunch
- Bring a box to hold plants and protect upholstery in your car

### **May- Compost/container gardening**

May 14, 2022 10am-2pm

- Hands-on class, indoors and out
- What makes a good container?
- How to make your own potting soils (save \$)
- Matching soils with plants and containers for better success
- 2 most common methods of composting
- Vermiculture
- Bring a lunch

### **June-Identify/diagnose plant damage**

- Indoors
- Identify bacterial, fungal or viral damage in order to choose appropriate solution.
- Good bug or bad bug?
- How to let the good bugs do the work for you
- Soil and water related plant issues and solutions
- Preventing problems
- Bring lunch

### **July-Basic botany/soil/water**

- Hands on, (be prepared to get your hands in the dirt)
- Botany
- What you can tell from looking at your plants
- Test your own soil and water samples for pH and EC
- Determine your soil type and texture
- How soil type relates to water management and fertilization
- Hard water solutions
- Pack a lunch

### **August-Greenhouse design, construction/management**

- Learn the many types of greenhouse structure
- Which is used for a given purpose
- How to determine which is best for you
- How to design a structure
- Which materials suit your needs
- Watering
- Cooling/heating
- Automatic vs manual operations
- Seasonal management
- Pack a lunch
- There will be a tour of several structures, serving different purposes, to actually see how it goes together

### **September-Cool season gardening, seed saving, pesticide safety**

- Hands on, in the garden planting
- What makes a cool or warm season crop?
- Why fall is a better cool season than spring
- Strategies to extend harvest season
- How to save and store seeds successfully
- Which plants to save from and which not to
- Preventing cross pollination
- Improving a variety by selective seed saving
- Pesticide safety, should you choose to use it
- Dress to be outdoors and pack a lunch

### **October- Plant selection and planting**

- Hands on, we'll be planting
- Why fall is the best time to plant most (not all) things here
- How to choose the right plant for the intended location
- What grows best here, with little water
- How to select and transport the best plants from a nursery
- How to plant for the best success
- How to care for your plants after planting them
- Dress to be outdoors and pack a lunch

### **November-Annual planning, using information resources**

This is the class where we put it all together, by the season. Understanding these factors will enable us to carry out garden activities at a time to achieve best results from the same effort.

- Annual air temperature cycle
- Annual soil temperature cycle
- Aspect of the sun
- Plants growth stage and requirements
- Pests' life cycle

### **December- no class**

TBD-pruning ornamentals TBD- Rainwater Harvesting TBD- Bee Keeping

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