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

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 you 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

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Edward C. Martin, Interim Director, Extension, Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension, The University of Arizona. The University of Arizona is an equal opportunity, affirmative action institution. The University does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information in its programs and activities.