Organic Gardening- H&CS 2305
Spring Semester (Session 2) - 2013

Instructors: Elaine Grassbaugh (292-3858)
             email: grassbaugh.1@osu.edu
             Office: 310F Kottman Hall
             Office Hours: Monday and Wednesday 4-4:30 PM or prearranged time

             Dr. Mark Bennett (292-3864)
             email: bennett.18@osu.edu
             Office: 312A Kottman Hall

Course Description: An overview and assessment of organic gardening practices for sustenance and recreation.

Meeting Times and Location:

Lecture: 3-3:55 PM Monday & Wednesday in 334 Kottman Hall

Pre-requisite: None

Text(s): - Rodale’s Illustrated Encyclopedia of Organic Gardening
         ISBN 0-7566-0932-1
         - Supplemental readings, fact sheets and other materials supplied by the instructors – available via CARMEN website

Lecture Syllabus:

WEEK 1
Wednesday, February 27: Introductions and Overview of class; What is organic gardening? Why you would choose to garden organically: Human and environmental factors (Grassbaugh) TEXT pgs. 9-19

WEEK 2
Monday, March 4: Garden site selection and garden design considerations (Grassbaugh) TEXT pgs. 20-29

Wednesday, March 6: Watering and water use in the garden (Grassbaugh) TEXT pgs. 63-71

WEEK 3 - SPRING BREAK – NO CLASSES (MARCH 11-15)
WEEK 4
Monday, March 18: Composting (Bennett) TEXT pgs. 40-55

Wednesday, March 20: Soil health, nutrient management and crop establishment in organic gardening (Bennett) TEXT pgs. 33-41

WEEK 5
Monday, March 25: Organic insect control: organic alternatives to pesticides (Dr. Celeste Welty) TEXT pgs. 97-103

Wednesday, March 27: MID-TERM EXAM

WEEK 6
Monday, April 1: Basics of container gardening; (Kathy Burkholder, Chadwick Arboretum and Learning Gardens) TEXT pgs. 203-215

Wednesday, April 3: Hands-on container gardening assembly (PLEASE MEET IN THE HOWLETT HALL GREENHOUSE HEADHOUSE AREA); (Kathy Burkholder)

WEEK 7
Monday, April 8: Cultural practices in organic gardening (resistant varieties, crop rotation, organic fertilizers, cultivar selection, mulching, use of row covers, etc.) (Brad Bergefurd; OSU Extension) TEXT pgs. 94-96; 206-207

Wednesday, April 10: Organic weed control (Grassbaugh) TEXT pgs. 73-84

WEEK 8
Monday, April 15: Organic disease control: organic alternatives to fungicides; resistant variety selections; biocontrols (Bennett) TEXT pgs. 84-91

Wednesday, April 17: Organic lawn care (Pam Sherratt, OSU Extension Turf Specialist) TEXT: pgs. 84-91

WEEK 9
Monday, April 22: Post-harvest challenges and solutions (Bennett)
QUARTER LONG PROJECT DUE

Wednesday, April 24: FINAL EXAM 4:00-5:45 PM

QUARTER LONG PROJECT: Each student will describe a garden site (location, size, surrounding area, nearby buildings, other structures or plants), sketch the area, compile a plant list (annuals, perennials, shrubs, vegetables, fruits, herbs, etc.) and make variety selections and mark areas for planting these plants. Students will describe pest (insect, disease and weed) management strategies and other cultural practices to be used for growing these garden plants organically. Be specific as to what you will use and how you will employ these practices in each area of the garden (flowers, turf, edible crops, etc.). We suggest you be realistic when selecting your
garden size. You can start with a single flower, vegetable, annual, perennial or landscape area, or choose to work on a small yard. As the quarter progresses, you’ll be supplied with information (from lecture, text and supplemental readings) to complete the assignment. You are also encouraged to gather research on your own. At any time you have a question about your project or potential sources of information, please feel free to contact the instructors for assistance. Your final project will consist of a written report with all required information, garden area sketches or photos, plant lists including variety names, nearby water source, organic methods of pest (insect, disease and weed) control, and any other information you feel is pertinent to the assignment.

Evaluation:

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Percent of Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm exam</td>
<td>25</td>
</tr>
<tr>
<td>Final exam</td>
<td>25</td>
</tr>
<tr>
<td>Quarter long project</td>
<td>50</td>
</tr>
</tbody>
</table>

Grading Scale:

- A 94-100
- A- 90-93
- B+ 87-89
- B 83-86
- B- 80-82
- C+ 77-79
- C 73-76
- C- 70-72
- D+ 67-69
- D 60-66
- E 0-59

You will be responsible to contact other students in the class if you miss a class session so you know what material was covered/discussed. Missed midterms or assignments or those taken at another time other than the assigned day/time will be subject to a 10% per day reduction in your grade for that midterm or assignment without legitimate written proof of your needed absence (ie, doctor/medical appointment, car towing receipt, etc.). It is the student’s responsibility to arrange with the instructor another time to take the midterm or hand in the assignment.

Code of Conduct*

We acknowledge and thank HCS 200 participants (Autumn 1999) for sharing part of this statement.

Teaching Students With Disabilities

Students with disabilities who need accommodations should see us to make arrangements.

Cell Phones and Pagers

Please turn off all cell phones and pagers during lecture. If you have an emergency and must leave them turned on, please set them on vibrate. No text messaging during class time, please.

* We acknowledge and thank HCS 200 participants (Autumn 1999) for sharing part of this statement.

Organic gardening syllabus spring 2013.doc