School of Arts & Science
Environmental Technology

Envr. 206A
Spring 2011

COURSE OUTLINE

Ω *Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for your records.*

1. Instructor Information

(a) Instructors: Dr. Anna M. Colangeli, Sue Askew

(b) Office hours: by appointment_____

(c) Location: F246 _____

(d) Phone: 370-3459 _____ Alternative _____

(e) E-mail: Colangel@camosun.bc.ca _____

(f) Website: http://envrtech.disted.camosun.bc.ca

2. Intended Learning Outcomes

(If any changes are made to this part, then the Approved Course Description must also be changed and sent through the approval process.)

At the end of this course, the student will be able to:

1. Perform standard horticultural practices such as soil preparation, soil testing, planting, weeding, watering, fertilizing, pest control, pruning, thinning, transplanting, propagating and grafting.
2. Take explants and do various methods of plant tissue culture utilizing sterile technique in Laminar Flow hoods.
3. Build and maintain a functional organic garden.
4. Build and maintain functional composting systems.
5. Establish and maintain greenhouse plants.
6. Identify, culture and disseminate biological control agents.
7. Discuss the principles of native plant gardening using xerophytic species.
8. Explain the principles and list the factual content of the course.

3. Required Materials

Lab. Manual: Environmental Horticulture: Spring 2011 – available through course D2L site

Available Resources:

- **The Gaia Book of Organic Gardening, Charlie Ryrie, 2005**
- **Year-Around Harvest, Winter Gardening on the Coast, Linda A. Gilkeson, 2005**
- **West Coast Gardening: Natural Insect, Weed and Disease Control, Linda A. Gilkeson, 2006**
- **Native Plants in the Coastal Garden, April Pettinger with Brenda Costanzo, 2002**

4. Basis of Student Assessment (Weighting)

(Should be linked directly to learning outcomes.)

(a) Assignments

100% of final grade

5. Grading System

(No changes are to be made to this section, unless the Approved Course Description has been forwarded through EDCO for approval.)

Standard Grading System (GPA)

Percentage	Grade	Description	Grade Point Equivalency
90-100	A+		9
85-89	A		8
80-84	A-		7
77-79	B+		6
73-76	B		5
70-72	B-		4
65-69	C+		3
60-64	C		2
50-59	D	Minimum level of achievement for which credit is granted; a course with a "D" grade cannot be used as a prerequisite.	1
0-49	F	Minimum level has not been achieved.	0

Temporary Grades

Temporary grades are assigned for specific circumstances and will convert to a final grade according to the grading scheme being used in the course. See Grading Policy E-1.5 at **camosun.ca** for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	*Incomplete*: A temporary grade assigned when the requirements of a course have not yet been completed due to hardship or extenuating circumstances, such as illness or death in the family.
IP	*In progress*: A temporary grade assigned for courses that, due to design may require a further enrollment in the same course. No more than two IP grades will be assigned for the same course. *(For these courses a final grade will be assigned to either the 3rd course attempt or at the point of course completion.)*
CW	*Compulsory Withdrawal:* A temporary grade assigned by a Dean when an instructor, after documenting the prescriptive strategies applied and consulting with peers, deems that a student is unsafe to self or others and must be removed from the lab, practicum, worksite, or field placement.

6. Recommended Materials or Services to Assist Students to Succeed Throughout the Course

LEARNING SUPPORT AND SERVICES FOR STUDENTS

There are a variety of services available for students to assist them throughout their learning. This information is available in the College Calendar, Registrar's Office or the College web site at http://www.camosun.bc.ca

ACADEMIC CONDUCT POLICY

There is an Academic Conduct Policy **which includes plagiarism**. It is the student's responsibility to become familiar with the content of this policy. The policy is available in each School Administration Office, Registration, and on the College web site in the Policy Section.

www.camosun.bc.ca/divisions/pres/policy/2-education/2-5.html

7: Course Schedule for Spring 2010

Monday	Tuesday	Wednesday	Thursday	Friday
	4-May Lab 1: propagation Lab 2: organic gardening Project Introduction (labs 3,4) **C/D**	**5-May** Lab 1: propagation Lab 2: organic gardening Project Introduction (labs 3,4) **E/F**	**6-May** Lab 1: propagation Lab 2: organic gardening Project Introduction (labs 3,4) **A/B**	
10-May Lab 3: Entomology work on projects **C/D**		**12-May** 9:30 GV Compost Centre rebuild compost/projects **E/F**	**13-May** Lab 3: Entomology work on projects **A/B**	
		19-May 1:30 GV Compost Center rebuild composts/projects **C/D**	**20-May** Lab 3: Entomology work on projects **E/F**	**21-May** 10:00 Compost Ed Center rebuild composts/projects **A/B**
	25-May Lab 6: soils tissue culture **F**	**26-May** Lab 6: soils tissue culture **A/E**	**27-May** Lab 6: soils tissue culture **B**	**28-May** Lab 6: soils tissue culture **C**

31-May Lab 6: soils tissue culture		**2-Jun** Good bug/bad bug finish projects	**3-Jun** Good bug/bad bug finish projects	**4-Jun** Good bug/bad bug finish projects
D		**C/D**	**E/F**	**A/B**