



**CAMOSUN COLLEGE**  
**School of Arts & Science**  
**Department of Environmental Technology**

**ENVR-206A-X01**  
**Environmental Horticulture**  
**Summer 2018**

**COURSE OUTLINE**

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The course description is online @ <http://camosun.ca/learn/calendar/current/web/envr.html>

Ω Please note: This outline will not be kept indefinitely. It is recommended students keep this outline for their records, especially to assist in transfer credit to post-secondary institutions.

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**1. Instructor Information**

(a) Instructor	Ian Browning and Laura Biggs
(b) Office hours	By appointment
(c) Location	Paul 326 and Fisher 352
(d) Phone	250-370-3342 and 250-370-3909 <b>Alternative:</b>
(e) E-mail	<a href="mailto:browning@camosun.bc.ca">browning@camosun.bc.ca</a> and <a href="mailto:biggs@camosun.bc.ca">biggs@camosun.bc.ca</a>
(f) Website	<a href="https://online.camosun.ca">https://online.camosun.ca</a>

**2. Intended Learning Outcomes**

Upon completion 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**

- (a) Texts - None
- (b) Other – handouts, slides, and resources available on D2L

**4. Course Content and Schedule**

This course is organized into four six-hour teaching days per group of students. Refer to the Spring schedule and timeline overview document on D2L for details.

## 5. Basis of Student Assessment (Weighting)

- (a) Assignments – 50%
- (b) Quizzes - none
- (c) Exams - none
- (d) Other (e.g. Project, Attendance, Group Work) – 50%

## 6. Grading System

- Standard Grading System (GPA)
- Competency Based Grading System

## 7. Recommended Materials 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, at Student Services, or the College website at [camosun.ca](http://camosun.ca).

### STUDENT CONDUCT POLICY

There is a Student 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, at Student Services, and the College web site in the Policy Section.

### Lab Safety

<b>Lab footwear</b>	<ul style="list-style-type: none"><li>• For safety reasons <b>WorkSafeBC</b> mandates that students are <b>required</b> to wear closed shoes in all lab times. Flip flops, sandals or shoes with holes are not acceptable.</li></ul>
<b>Eating &amp; drinking</b>	<ul style="list-style-type: none"><li>• Under <b>NO</b> circumstances will students ingest food or drink in the lab. Taking oral medication or applying makeup or lip balm in the lab is also prohibited.</li><li>• You may leave the lab at a convenient time if you are thirsty, need a snack, or require medication. If something must be consumed, then it may be taken out of the lab.</li></ul>
<b>Hair</b>	<ul style="list-style-type: none"><li>• It is recommended that long hair be tied back during lab periods.</li></ul>
<b>Handwashing</b>	<ul style="list-style-type: none"><li>• Hands should be thoroughly washed <b>BEFORE</b> leaving the lab.</li></ul>

## 8. College Supports, Services and Policies



### Immediate, Urgent, or Emergency Support

If you or someone you know requires immediate, urgent, or emergency support (e.g. illness, injury, thoughts of suicide, sexual assault, etc.), **SEEK HELP**. Resource contacts @

<http://camosun.ca/about/mental-health/emergency.html> or <http://camosun.ca/services/sexual-violence/get-support.html#urgent>

### College Services

Camosun offers a variety of health and academic support services, including counselling, dental, disability resource centre, help centre, learning skills, sexual violence support & education, library, and writing centre. For more information on each of these services, visit the **STUDENT SERVICES** link on the College website at <http://camosun.ca/>

### College Policies

Camosun strives to provide clear, transparent, and easily accessible policies that exemplify the college's commitment to life-changing learning. It is the student's responsibility to become familiar with the content of College policies. Policies are available on the College website at <http://camosun.ca/about/policies/>. Education and academic policies include, but are not limited to, Academic Progress, Admission, Course Withdrawals, Standards for Awarding Credentials, Involuntary Health and Safety Leave of Absence, Prior Learning Assessment, Medical/Compassionate Withdrawal, Sexual Violence and Misconduct, Student Ancillary Fees, Student Appeals, Student Conduct, and Student Penalties and Fines.

### A. GRADING SYSTEMS <http://camosun.ca/about/policies/index.html>

The following two grading systems are used at Camosun College:

#### 1. 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		1
0-49	F	Minimum level has not been achieved.	0

## 2. Competency Based Grading System (Non GPA)

This grading system is based on satisfactory acquisition of defined skills or successful completion of the course learning outcomes

Grade	Description
COM	The student has met the goals, criteria, or competencies established for this course, practicum or field placement.
DST	The student has met and exceeded, above and beyond expectation, the goals, criteria, or competencies established for this course, practicum or field placement.
NC	The student has not met the goals, criteria or competencies established for this course, practicum or field placement.

### B. 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 at <http://camosun.ca/about/policies/index.html> for information on conversion to final grades, and for additional information on student record and transcript notations.

Temporary Grade	Description
I	<i>Incomplete:</i> 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	<i>In progress:</i> A temporary grade assigned for courses that are designed to have an anticipated enrollment that extends beyond one term. No more than two IP grades will be assigned for the same course.
CW	<i>Compulsory Withdrawal:</i> 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.