BIOLOGY 453 - STRESS PHYSIOLOGY OF PLANTS - COURSE OUTLINE - FALL 2009

Course Instructors: Dr. Barbara Ehlting email:behlting@uvic.ca
Office: Cunn. 159a, phone: 472-5091
Dr. Jürgen Ehlting (course co-ordinator) email: je@uvic.ca
Office: Cunn. 159a, phone: 472-5091

DATE		LECTURE		DATE		LECTURE	
Sep	9	**Adaptation & acclimation**	(BE)	Nov	6	Heavy Metals	(JE)
	11	**Review of the plant cell**	(BE)			**Essays due Nov. 6th **	
	15	**Stress recognition & signalling**	(JE)				
	16	"	(JE)		10	READING BREAK	
	18	"	(JE)		11	READING BREAK	
	22	**Stress & photosynthesis**	(BE)		13	Heavy Metals	(JE)
	23	"	(BE)		17	**Biotic stress –** Parasitic plants	(JE)
	25	**Temperature stress –** Heat	(BE)		18	Pathogens & disease	(JE)
	29	"	(JE)		20	"	(JE)
	30	Chilling	(BE)		24	"	(JE)
Oct	02	"	(JE)		25	"	(JE)
	06	**MIDTERM I**			27	**Student presentations**	
	07	Freezing	(BE)	Dec	01	"	
	09	"	(BE)		02	"	
	13	**Radiation stress** – Shade	(BE)		04	"	
	14	"	(BE)				
	16	Photoinhibition	(BE)				
	20	UV stress	(JE)				
	21	**Water stress** – Water deficit	(BE)				
	23	"	(JE)				
	27	"	(JE)				
	28	Flooding	(BE)				
	30	**MIDTERM II**					
Nov	03	**Nutrient stress** – Deficiency	(BE)				
	04	Salinity	(BE)				

Requirements:	Two midterm exams	40% (20% each)
	Essay	20%
	Oral presentation	5%
	Final exam	35%

Grading system: Percentages converted to letter grades

A+ 90-100	A 85-89.5	A- 80-84.5	
B+ 75-79.5	B 70-74.5	B- 65-69.5	
C+ 60-64.5	C 55-59.5	D 50-54.5	F 0-49.5

There will be no supplemental exam. Make-up exams will only be considered if a Request for Academic Concession is provided.
Students must abide by academic regulations as set out in the university calendar. They must observe UVic standards of scholarly integrity especially with regards to plagiarism and cheating.