

F&WE 415: Tree Physiology - Fall Semester 2015

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Office Hours: any time by appointment

Suggested Reading: I recommend that you consider either downloading (via UW Library Collections) or purchasing a hardcopy of the book titled *Physiology of Woody Plants* (third edition, 2008), by Steven Pallardy. It's a reasonably good reference.

Exams: I will give 2 take-home essay exams, each with emphasis on roughly 1/2 of the course, although the second exam will necessarily be somewhat cumulative in nature. Tentatively, the first exam will be handed out in late October, and the second exam will be handed out in December, during the final week of class. In each case you will have a week to complete the exam.

Cases: In groups of three or four, we will tackle a set of seven cases, each of which involves some aspect of tree biology. A written solution, submitted as a WORD document to Learn@UW, will be required from every individual for each case. In addition, every individual will be required to participate in a group presentation of the solution to one case.

1st case: What's ruining my father-in-law's fig crop?

2nd case: Death-defying trees

3rd case: Just a flesh wound

4th case: Is that pure maple syrup?

5th case: Consulting gig in Columbia

6th case: Was Ronald Reagan right? Do trees pollute the air?

7th case: Managing forests with an eye on carbon credits

% breakdown of course grade:	1 st case – 7%	1 st exam – 15%
	2 nd case – 8%	<u>2nd exam – 15%</u>
	3 rd case – 9%	both exams – 30%
	4 th case – 10%	
	5 th case – 10%	
	6 th case – 11%	
	<u>7th case – 15%</u>	
	all cases – 70%	