

COURSE: DENDROLOGY (FO 1200)

F.97

Instructor: Albert Sproule
Office Location: C203

Course Description:

The major emphasis in the course is on plant identification and classification.

The general principles of plant taxonomy will be covered:

- construction of a dichotomous key
- principle of dichotomous keys
- classification
- using a dichotomous key

Identification will be based, for the most part, on the morphology of floral and vegetative parts of the plant.

The course will deal with the Forest Regions of North America, the major tree species in each Region and their adaptation to habitat.

We will discuss the three forest regions of Alberta, boreal, subalpine, montane in detail. For each of these regions we will learn to identify common plants found in representative forest communities.

Although the major focus of the course is on plant identification, we will make reference to other aspects of plant biology, where appropriate.

Textbooks:

Recommended for purchase is:

"Plants of the Western Boreal Forest and Aspen Parkland". 1995. Johnson, D., Kershaw, L., MacKinnon, A. and J. Pojar. Published by Lone Pine Publishing.

The following will be available at the library:

"Trees in Canada". 1995. Farrar, J.L. Published by Fitzhenry and Whiteside Ltd.

Examinations:

The final, end-of-term, examination will comprise 40% of the total marks.

A mid-term examination will comprise 30% of the total marks.

The remaining 30% will be made up from continuous assessment in the form of quizzes, assignments and lab reports.