

## **ENVT 265 Forest Technology**

*3 Credits, 3 hours lecture, 3 hours lab per week*

### **Course Description**

The course provides the student with an overview of the forestry industry in the boreal forest of western Canada. Topics covered include the utilization of tree species by sawmill operations and pulp and paper mills, the ecology of the tree species used, recent developments in sustainable forest management, stand assessment, forest mensuration, silviculture, dendrology, environmental impacts of the forestry industry and forest pest control. The field component allows students to gain practical experience in data collection, interpretation of results, presentation of scientific work and in report writing.

### **Pre and Co-requisites**

*Prerequisites BIOL 208*

### **Course Learning Outcomes (CLOs)**

*Upon successful completion of the course, the student shall be able to:*

CLO1 The student will be able to demonstrate practical skills related to:

- forest site classification
- species identification and forest mensuration.
- collection, compilation, evaluation, interpretation and presentation of data from local forests and application to current issues in a range of subdisciplines in forestry: conservation, wildlife, ecology, recreation, forest operations and wood products.

### **Evaluation**

<b>Assessment Type</b>	<b>Percentage</b>
Lab Assignments	15%
Oral Presentation	15%
Midterm Exam	25%
Final Exam	40%
Total	100%

### **Course Completion Requirements**

Minimum passing mark of 50% or D is required for progression or transfer.

## Grading Scale

4.0 Grade Scale	Alpha Grade	Percentage Grade
4.0	A+	93-100
4.0	A	85-92.9
3.7	A-	80-84.9
3.3	B+	77-79.9
3.0	B	74-76.9
2.7	B-	70-73.9
2.3	C+	67-69.9
2.0	C	64-66.9
1.7	C-	60-63.9
1.3	D+	55-59.9
1.0	*D	50-54.9
0.0	F	0-49.9

## Land Acknowledgement

We respectfully acknowledge that Keyano College is on Treaty No. 8 Territory, the ancestral and traditional territory of the Cree, Dene, and Métis people.

Review Date: March 4, 2024

Every effort has been made to ensure that information in this course outline is accurate at the time of publication. Keyano College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.

All Rights Reserved: No part of this course outline may be reproduced or resold without Keyano College's written permission.