

## **Forest Management Planning (FO4240)**

**Instructor:** Dr. Charles A. Backman  
Office: J-208  
Phone: 780 539 2846  
E-mail: backman@gprc.ab.ca

**Lectures:** Monday, Wednesday                      8:30 AM - 9:50 AM

**Room:** B 305

**Course description:** The course will examine cut control methods and impact of different events on cut and planning. Through a series of case studies, current issues affecting harvesting operations will be discussed.

### **Course outline:**

*Week 1: Introduction to the course*

*Week 2: Allowable Annual Cut - Importance of cut control*

*Week 3: Allowable Annual Cut - Different approaches to cut control*

*Week 4: Allowable Annual Cut - Impact of intensive forest management*

*Week 5: Allowable Annual Cut - Impact of deletions, postponements, and scheduling*

*Week 6: Case Study 1 (LFS): Scheduling of stands for harvest - A proposal to LFS from company viewpoint*

*Week 7: (Midterm) Review*

*Week 8: Reading week*

Week 9: Case Study Two (Millar-Western). Response of company to extensive fire on firm's operating area

Week 10:

Week 11: Case Study Three (Sundance). Operational planning at a company level

Week 12:

Week 13: Case Study Four (Ainsworth or WeyerCo) Managing the forest with mixed ownership

Week 14:

Week 15: Review

Evaluation:

Mid-term	30%
Assignments/quizzes/presentations	10%
Case studies	30%
Final	30%

Case studies will be completed as a team of between 3 and four people. Output will be approximately 5 pages. Grading of case studies will consist of a group mark with allocations to each member based on a formula to be determined later.

Assignments are to be handed in on time. Late assignments/labs will be accepted, but will be subjected to an automatic deduction of 10% per day that the assignment is late. Completion of all assignments/labs and the mid-term is necessary in order to pass the course. The final exam must be completed in order to be eligible for credit for this course.