

GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE AND TECHNOLOGY

COURSE OUTLINE

COURSE: FORESTRY 3010 (FALL 1997)
FOREST ENGINEERING PRINCIPLES

INSTRUCTOR: Dr. Tom Wilkinson
(Office H226; Tel: 539-2891)

CREDITS: 3.0L

LECTURES: Monday, Wednesday, and Friday 1400-1450hrs

LABORATORY: Fridays, 1500-1750hrs

TEXTBOOK: Logging Practices (Principles of Timber
Harvesting Systems) Revised edition
Steve Conway
Miller Freeman Publications

SAFETY
EQUIPMENT: CSA approved: hard hat, safety boots (steel toed),
safety glasses with side shields, high visibility
vest.

COURSE
DESCRIPTION: Forest Engineering deals with the layout and
construction of forest roads and bridges, design
of cutblocks and logging operations, and all
aspects of transportation of forest raw materials
from the forest to the point of processing into
final products. Environmental aspects of all
aspects of alteration of the forest environment by
such operations will be considered. Planning,
communicating, coordinating, and evaluating
abilities will be stressed. Writing, verbal and
mapping skills will be covered.

LABORATORY
SCHEDULE: Because of the uncertainty of
arrival of equipment and availability of
guest instructors and fieldtrip/tours,
labs will be announced as soon as information
becomes available.

Course Evaluation

Assignments/Quizzes	30%
Lab work/Quizzes	20%
Job readiness Evaluation	20%
Final Exam	30%

GRADE	MARKS (%)	GRADE	MARKS (%)
9	90-100	5	56-65
8	80-89	4	50-55 (Pass)
7	74-79	3	45-49
6	66-73	2	36-44

NOTE: A pass Grade is essential for the Laboratory and Job Readiness Components.