

COURSE FOR2100: FORESTS FOREVER 2 (MANAGEMENT PRACTICES)**Level:** Intermediate**Theme:** Management and Conservation**Prerequisite:** FOR1100 Forests Forever 1 (Forest Use & Protection)**Description:** Students explain Alberta’s forest management goals, and describe the current management practices used to address these goals.**Parameters:** Access government and industry organizations responsible for the sustainable management of forests; e.g., Alberta Environmental Protection, Canadian Forestry Service.**Curriculum and Assessment Standards**

General Outcomes	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • explain the goals of Alberta forest management • identify different types of forest use and the views and values of different users in the forest 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • developing a rationale for forest management in Alberta that involves: <ul style="list-style-type: none"> – identifying economic, environmental and social needs addressed through forest management – definitions and examples of sustainable development, sustained yield and allowable cut. <p><i>Assessment Tool</i> <i>Knowledge/Application Assessment: Forest Management Goals, FOR2100–1</i></p> <p><i>Standard</i> <i>Respond to a standard of 2 on the rating scale</i></p> <ul style="list-style-type: none"> • analyzing current issues related to different types of forest use. Analysis to include: <ul style="list-style-type: none"> – a list of current uses/values of Alberta’s forests – a summary of the views of different forest stakeholder groups – an explanation of potential conflicts among stakeholder groups – strategies for compromise and/or conflict resolution. <p><i>Assessment Tool</i> <i>Issue Analysis: Forest Use, FOR2100–2</i></p> <p><i>Standard</i> <i>Address criteria in issue analysis to a standard of 2 on the rating scale</i></p>	<p>30</p> <p>30</p>

COURSE FOR2100: FORESTS FOREVER 2 (MANAGEMENT PRACTICES) (continued)

Concept	Specific Outcomes	Notes
Forest Management Goals (continued)	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify scientific, economic and social factors addressed through the management of forested lands in Alberta. 	<p>Possible factors to consider:</p> <ul style="list-style-type: none"> • the silvics of trees growing in the area • a cycle for utilization and replacement • the goals of different stakeholder groups.
Forest Uses and Users	<ul style="list-style-type: none"> • compare current uses and values of Alberta's forests: <ul style="list-style-type: none"> – recreation and aesthetics – wildlife habitat – fibre production – range lands – coal and petroleum projects – hunting and trapping – water, air and soil quality – ecosystem maintenance – job creation • describe the views of different forest stakeholder groups and potential conflicts that may arise: <ul style="list-style-type: none"> – recreational – environmental – industrial • explain the need for consultation with other resource users and public involvement in forest management. 	<p>See <i>Alberta's Focus on Forests</i> (Activity 4.3– Forest Perspectives; Activity 5.1–Forest Values).</p> <p>Supplementary sources of information include:</p> <ul style="list-style-type: none"> • <i>A Forest Journey – The Role of Wood in the Development of Civilization</i> (Harvard University Press) • <i>Canadian Forestry – The View Beyond the Trees</i> (Macmillan of Canada). <p>Encourage and facilitate activities that involve:</p> <ul style="list-style-type: none"> • roleplaying • discussion • interviewing.
Forest Management Practices	<ul style="list-style-type: none"> • identify components of conservation and utilization in current forest management practices • describe the mandates of agencies responsible for managing Alberta's forested lands 	<p>Contact resource persons from relevant government and industry organizations.</p> <p>For example:</p> <ul style="list-style-type: none"> • Alberta Forest Service • Fish and Wildlife • Public Lands • Land Information Services.

COURSE FOR2100: FORESTS FOREVER 2 (MANAGEMENT PRACTICES) (continued)

Concept	Specific Outcomes	Notes
<p>Forest Management Practices (continued)</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • describe current management practices that make Alberta’s productive forests available to industry for commercial harvest: <ul style="list-style-type: none"> – forest management agreements – quota certificates – commercial timber permits – local timber permits • predict factors likely to influence future forest management practices. 	<p>Plan for group research and presentations.</p> <p>Possible factors to consider include:</p> <ul style="list-style-type: none"> • new knowledge and technology • increased public participation in decision making • population trends • recreation and tourism • natural resource extraction.