

BA Resource Management 11C

BAA Resource Management Program
District Name Kamloops-Thompson District
District Number 73
Developed By Dave Eburne
Date Developed April 2005
School Name Norkam Secondary School
Principal's Name Mr. Allan Dodd
Board/Authority Approval Date 2005/05/30
Board/Authority Signature
Course Name Resource Management 11C
Grade Level of Course 11
Number of Course Credits 115 Hours

Prerequisite: The student will be required to submit an application form.
The student will be required to attend an interview prior to entering the program.

Special Training, Facilities or Equipment Required:

Course Synopsis: This course is an introduction to Tree Planting and the safety requirements when working on a Tree Planting Block such as the threat of wildlife and the chemicals used in Tree Planting.

Rationale: This course offers students the opportunity to learn about the different component of Tree Planting.

Organizational Structure: This course consists of three units of study.

| Unit/Topic | Title | Time |
|------------|----------------------------|------------------|
| Unit One | Tree Planting – Field Work | 90 |
| hours | | |
| Unit Two | Bear Aware | 5 Hours |
| Unit Three | WHIMIS | 20 hours |
| | Total Time | 115 Hours |

Unit/Topic/ Module Descriptions:

Unit One - Field Work – Tree Planting - 90 Hours

This unit of study teaches students a variety of Tree Planting methods based upon a variety of landscapes. The students will also be exposed to Tec Necks. Students will be able to describe and recognize the best planting sites and be able to access planting quality.

Unit Two - Bear Aware - 5 Hours

This unit will provide students with the necessary information to understand the nature of bears and bear behaviour so that the safety of the worker in the field is maintained.

The unit of study includes the following topics:

- The understanding of the nature of bears and bear behaviours
- The identification of the different types of bear species
- The understanding of bear habits
- To be able to identify problem bear behaviours
- To understand what to do with encounters with bears

Unit Three - WHMIS - 20 Hours

This unit enables students to understand the importance of WHMIS. Topics in this unit include the following:

- What is WHMIS?
 - o Information system
- Labels
- Material Safety Data Sheet
- Training requirements
- The different classes of hazardous materials
- The different symbols used for hazardous materials

Instructional Component:

It is suggested that students taking Resource Management 11C receive explicit instruction throughout the course to ensure that the learning outcomes are taught and learned. A variety of methods may be implemented such as workshop formats, weekly meetings, direct instruction, etc.

Instructional components may include some or all of the following:

- one to one instruction in the classroom as well as on the work site
- role plays
- direct instruction
- experiential learning
- field work
- modeling best practices
- discussion, group work, conferencing

Assessment Component:

Resource Management 11C provides many opportunities for students to add to their graduation portfolio. Students will have the opportunity to collect letters of reference, information about careers, photo essays, videotapes, etc.

Teachers should choose from a variety of assessment tools to fit the unique learning outcomes and performance nature of this program.

- Daily Log Book by student
- Reflective Journal by student
- Self-Evaluations
 - o Formative
 - o Summative
- Observation
 - o Anecdotal
 - o Checklists
- Checklists made by teacher
- Employability Skills Checklist
 - o Planning 10
 - o Work Experience

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|---------------|-----|
| Assignments | 20% |
| Mid-Term Exam | 20% |
| Final Exam | 30% |

Contract and Fieldwork Work 30%

Learning Resources:

The following is a list of the resources needed for this course:

- transportation
- First Aid Supplies
- Tree Planting Shovels
- Tree Planting Bags