

BA Resource Management 12A

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 12A
Grade Level of Course 12
Number of Course Credits 130 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: The course offers students the opportunity to learn about Sawmilling as a business option.

Rationale: This course offers students with the opportunity to inquire about Sawmilling as a source of income and occupation. Students will learn how to keep a daily journal on their work experience, and as an alternative to the field note method.

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

Unit/Topic	Title	Time
Unit One	Wood-Mizer Sawmill	80 Hours
Unit Two	Field Work / Contract Work	40 Hours
Unit Three	Daily Journals	10 Hours
	Total Time	130 Hours

Unit/Topic/ Module Descriptions:

Unit One - Wood-Mizer Sawmill - 80 Hours

This unit of study teaches students the Wood-Mizer Sawmill.

Topics in this unit include the following:

- Sawmilling Concepts and techniques
- Calculating Log and Lumber Values
 - o Lumber Drying Process
- Sawmilling as a business

Unit Two - Field Work / Contract Work - 40 Hours

This unit will provide students with the opportunity to have practical experiences using the information learned in Unit One on a work site.

Unit Three - Daily Journals - 10 Hours

This unit will provide students with the methods used to keep a daily journal in the Resource Management Sector.

Topics in this unit include the following:

- Daily hours work
 - o Start
 - o Finish
 - o Total
- Descriptions of the activities produced
- Personnel encountered and company details
- Neatness
- Interest

Instructional Component:

It is suggested that students taking Resource Management 12A 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 12A 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

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
- Sawmill
- Chainsaws
- Hardhat
- Eye Protection
- Ear Protection
- Tool Kit
- Cut Pants