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1996-97

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Available in Canada through the
National Aboriginal Forestry Association
875 Bank Street
Ottawa, ON K1S 3W4
Tel: (613) 233-5563 Fax: (613) 233-4329
E-mail: nafa@web.net Internet: <http://sae.ca/nafa>

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NATIONAL ABORIGINAL FORESTRY EDUCATION AND TRAINING CATALOGUE
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I THE CATALOGUE

If your institution, company or organization wishes to add your courses or programs to future updated catalogues or revise existing information, please contact us:

National Aboriginal Forestry Association
875 Bank Street
Ottawa, Canada K1S 3W4
PH: 613/233-5563; FAX: 613/233-4329; email: nafa@web.net

This information will also be included on NAFA web page at: <http://sae.ca/nafa>

I.1 PURPOSE OF CATALOGUE

NAFA hopes this catalogue will be used:

- to increase awareness among Aboriginal students of the possibilities of careers and training in natural resource management;
- to profile institutions and organizations who offer Aboriginal content and support services;
- to encourage education and training institutions, organizations and companies to address Aboriginal values and issues in their programs.

We hope that Aboriginal students will use the catalogue to get an idea about what is available in natural resource management and to think about their responsibility and opportunities in natural resource management.

The programs covered in this catalogue are not necessarily geared to Aboriginal people alone. The services for Aboriginal people provided by these institutions varies widely, from institutions controlled by Aboriginal people to programs with a strong Aboriginal component to strong Aboriginal support services to institutions which make no special provisions for Aboriginal peoples. Readers of this catalogue are advised to check programs carefully to ensure that your needs are met by the institution, to call institutions directly for the most current information or to check out the institution's web site, if they have one.

Please note that compilation of this catalogue began in 1995 and that some programs have undergone changes since then, another reason to contact institutions directly.

I.2 CATALOGUE STRUCTURE

The catalogue is divided into four sections. All programs are organized alphabetically by province and within each province alphabetically by program. Section I contains university

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degree and university transfer programs. Section II contains college technical diploma programs. Section III contains continuing education programs for graduates of colleges and university forestry programs. Section IV contains forest worker training programs. Program descriptions include e-mail or home page addresses, where available.

I.2.1 College and University Forestry Programs

Post-secondary programs are delivered at the university and college levels. Post-secondary programs cover natural resource management which cover a wide variety of subjects including forest management, parks & wilderness management, forest conservation, wood sciences, forest biology, geographic information systems, watershed ecosystems, forest operations, forest engineering, renewable resource management, ecotourism, integrated resource management, wildlife conservation and a limited number of environmental studies programs.

Professional level forest land managers are university trained, but local experience and knowledge are essential for a forester manager to be successful. A professional forestry degree takes four to five years at a university. The federal government and most provincial governments require that forest land management plans be certified by a Registered Professional Forester (R.P.F.). Foresters who want to work in the field of research or teach at a post-secondary institution will most likely require post-graduate studies at the Masters and Ph.D. level.

Forest technicians are trained at community colleges or universities which offer diploma programs. These technical diploma programs usually take two to three years. Technicians generally work under the supervision of professional foresters, collecting data and monitoring forest operations. Graduates of forestry diploma programs usually receive some credit for the courses they have taken if they decide to enrol in a forestry degree program.

Several institutions now offer Continuing Studies programs for graduates of technical and degree forestry programs. Because of rapid changes in knowledge and technology in the forestry field, practitioners are encouraged to upgrade their skills periodically through such Continuing Studies programs.

I.2.2 Forest Worker Training

The forest worker training programs are those usually delivered on an ad hoc and as needed basis. Delivery of these programs varies with instruction provided by private consultants, private firms specializing in training, provincial government extension programs and college programs. It is difficult to track the success and delivery of such programs because of their often limited duration. Some of these programs may be certified through provincial departments of skills and labour, but many do not have any official recognition.

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The forest worker training programs include forestry crew person, vocational forestry, introductory courses in lands management, renewable resource courses, forest practices code awareness, coastal fisheries & forestry guidelines, soil conservation, forest road de-activation, wildlife/danger tree assessment, safety in the woods, basic silviculture, spacing, pruning, forest inventory, measurements and mapping, treeplanting, weed control, fire/slash burning, forestry supervisor, business development, fire prevention and firefighting, ecoforestry, scaling, regeneration surveying, chainsaw maintenance, repair and safety, forest disease and insect control, agroforestry, geographic information systems, logging, sawmill technology, wildlife conservation, surveying and line cutting.

I.2.3 Pre-requisites

Most forest worker training courses require Grade 10 education, a good working knowledge of English and some working ability in Math. Some courses have age requirements only, i.e. 18 and over, and other courses include an academic upgrading component for students who do not have high school qualification. Some courses are designed specifically for on-the-job training in a particular industry. Good physical condition is another common requirement. Several of the courses are introductory courses to natural resource management designed to raise awareness; these courses have no pre-requisites and usually target community members and staff, others are designed for community leaders. As well, there are some courses which require completion of basic training within the same institute; this concept is often termed "laddering" and means that students can continually upgrade their skills based on past courses.

College level programs are 2-3 years and entrance requirements usually include completion of high school with a grade average of at least 60% and credits in senior English, Math and Science, either Biology, Chemistry or Physics. If students do not have these qualifications, they may be required to do academic upgrading or testing before applying. Some college programs have a system of credits for work or life experience which allow mature students without full high school qualifications to apply. Other colleges have minimum age requirements. Some colleges have entrance tests in Math and English. With courses offered at the French colleges, a French language proficiency test may be required. Some college programs are specialized and require completion of a general college program in natural resource management. A student may complete a two-year natural resource management program and then take a one-year specialized course in, for example, ecotourism, wildlife management, parks and recreation.

University level programs leading to an undergraduate degree in forestry or natural resource management are 4-5 years and entrance requirements usually include high school graduation with an average grade of at least 65% and credits in English, Math, Chemistry and sometimes Physics. Ontario students must have their Ontario Academic Credits (OACs) in English, Calculus, Chemistry, Biology, Algebra, Geometry and Finite Mathematics. Most universities also have special provisions for mature students. University level programs also accept college

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graduates of forestry programs, granting “transfer credits” for a portion of the program. Co-op programs require summer employment related to studies. Graduate programs and continuing studies usually require completion of an undergraduate or graduate degree in a related program.

I.2.4 Accreditation

It is important to know if the program or course is recognized by independent institutions as meeting basic course content for the skills being sought through education or training. Most university and college programs are accredited by bodies such as the Canadian Forestry Accreditation Board, professional foresters associations and associations of scientists and technicians. Some are accredited through U.S. organizations such as the Society of American Foresters or the North American Wildlife Association. Accreditation means that the programs offer a core set of courses and set a minimum standard of achievement. Accreditation also means that skills will be recognized in other jurisdictions than the one in which the educational institution is located. In today’s job market, with people moving greater distances for employment and often working in foreign countries, it is important to have transferable and recognized skills.

At the forest worker level, training courses may address an immediate need, but if a worker is to build on skills, it is important to have training courses recognized. Governments are now looking at standardizing training in silvicultural skills (6.5 Committee, 1994), although there as yet no national program.

II ABORIGINAL PARTICIPATION IN FORESTRY EDUCATION AND TRAINING

II.1 INTRODUCTION

In 1995 NAFA began a survey of post-secondary education programs in natural resource management to compile a catalogue which would outline how these programs were addressing Aboriginal issues and participation in the forest sector. In the fall of 1995 there were brief discussions about the possibilities of establishing a national Aboriginal forestry training institution. At this point, NAFA, with assistance from the Canadian Forest Service, decided to expand the survey to include forest worker training programs. Our main goal of implementing such a survey was to avoid duplicating or undermining other training initiatives that may be underway. Discussions about a national Aboriginal forestry training institution were short-lived, but this catalogue of both post-secondary and forest worker training programs will provide useful information for Aboriginal communities and promote NAFA’s goal of increasing Aboriginal participation in the forest sector.

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NAFA's work in education and training has two thrusts. The first is to encourage Aboriginal people to pursue training and education that will give them the skills and knowledge to work in the forest sector. The second is to encourage academic institutions, forest managers and the forest industry to incorporate Aboriginal values and content into their management plans, forestry curricula and forest operations. The result of these two directions will, it is hoped, improve Aboriginal participation in the forest sector and also improve forest management.

Not only is there a great need to have Aboriginal people enter into forest land management as professionals, but it is equally critical that all forest land management students learn more about Aboriginal perspectives on rights, title, culture and land ethics. Many forest industry companies and government agencies responsible for forest land management now recognize that it is good business to develop co-operative working relationships with Aboriginal communities through joint ventures and Aboriginal involvement in forest land management planning.

II.2 ABORIGINAL FORESTRY TRAINING & EMPLOYMENT REVIEW (AFTER)

In 1992, under the auspices of the Industrial Adjustment Services of Human Resources Development Canada, NAFA established a national committee with representatives from the Aboriginal community, forest industry, academia and government to examine how to increase Aboriginal participation in forestry. In 1993 the *Aboriginal Forestry Training & Employment Review (AFTER)* Committee published a report which outlined the barriers and opportunities in the training, education and employment areas. Since the publication of that report, the AFTER Committee and NAFA has worked to address these issues.

The *AFTER Report* found that **less than 1%** of Aboriginal students enrolled in post-secondary programs, were enrolled in natural resource management and, as a result, there were very few Aboriginal forest technicians and especially few Aboriginal Registered Professional Foresters. This also means that education and training programs are lacking Aboriginal participation and involvement at the stages of curriculum development and integration of Aboriginal values within these institutions.

The report also found that Aboriginal people were underemployed in the forest sector. These conclusions pointed to the need to address barriers to Aboriginal enrollment in post-secondary institutions and to Aboriginal employment in the forest sector.

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II.3 POLICY FRAMEWORK FOR ABORIGINAL FORESTRY EDUCATION

II.3.1 National Forest Strategy

In 1992 the Canadian Council of Forest Ministers, the federal government, non-governmental organizations, the forest industry, communities and concerned individuals finalized *Sustainable Forests: A Canadian Commitment*, a strategy to guide the policies and actions of Canada's forest community. Strategic Direction Seven described the unique contribution of Aboriginal peoples in Canada to forest management and made a commitment to increase Aboriginal participation in forestry, and to recognize and provide for Aboriginal and treaty rights in forest land management. As part of the commitment to increase forest-based economic opportunities for Aboriginal peoples, the strategy stated that "a strategy to address the training and employment needs of Aboriginal people, in accordance with their forest values" would be developed. As well, post-secondary and professional forestry institutions made a commitment to "broaden their programs to reflect the Aboriginal land ethic." The National Forest Strategy is currently being evaluated to see whether objectives have been met and a new strategy will be developed by October 1997.

II.3.2 United Nations Intergovernmental Panel on Forests

Following the United Nations Conference on the Environment and Development held in Rio de Janeiro in 1992, countries agreed to focus their efforts on defining sustainable forest management and setting international standards, criteria and indicators for achieving sustainable forest management. This work was co-ordinated by the ad hoc Intergovernmental Panel on Forests (IPF) under the Commission on Sustainable Development. One of the issues addressed by the IPF was traditional forest-related knowledge (TFRK). In the Report of the Secretary-General on traditional forest-related knowledge (E/CN.17/IPF/), several proposals for action were made about promoting traditional forest-related knowledge in an institutional framework:

- *To urge donors and international organizations to support the establishment of regional and national institutional systems dedicated to undertaking systematic studies on TFRK and to promote its wide understanding and use.*
- *To encourage countries, national institutions and academic centres to incorporate TFRK in standard forest management training as a way to sensitize forest managers on how to access TFRK, on the benefits of using it and on the dangers of ignoring it.*
- *To encourage donors and international organizations to assist financially and support existing networks promoting sharing of TFRK among concerned groups and institutions in collaboration with involved indigenous people.*
- *To promote digital mapping (using GIS and GPS) combined with social mapping for establishing forest holding; assist planning and management partnerships; and assist in the*

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location of cultural and geographical information required to support sustainable forest management schemes.

II.4 ABORIGINAL EDUCATION AND TRAINING INITIATIVES

There have been several developments in training and education over the past few years affecting Aboriginal participation in the forest sector, some improving Aboriginal participation and some hindering it.

II.4.1 Human Resources Development Canada Aboriginal Training Programs

In 1992 Human Resources Development Canada (HRDC) targeted approximately \$200 million a year to Aboriginal training through the Pathways to Success Strategy. Under Pathways HRDC administered training dollars through a national, regional and area management boards. In 1996, as part of what the federal government described as its policy of promoting Aboriginal self-government, but also consistent with the federal government's move to decentralize social services, HRDC decided to channel these training dollars directly to Aboriginal organizations. Three-year National Framework Agreements were signed with the Assembly of First Nations, the Metis National Council and the Inuit Tapirisat of Canada. The national agreements set guidelines for the development of regional bilateral agreements through which HRDC funds would flow to Aboriginal communities. A number of these regional agreements are now in place and several more are under negotiation. NAFA expressed concern when the new program was announced about the lack of national direction in such agreements and stated in a letter to the Honourable Ethel Blondin-Andrew, Secretary of State for Training and Youth, that: "*While we appreciate the need for regional and Aboriginal control of Pathways, we think it vital for Aboriginal interests in Canada that the program maintain some national perspective and programming.*" It remains to be seen how effectively these agreements will be in strategically targeting training dollars.

II.4.2 Aboriginal Content in Forestry Curricula

More and more institutions are incorporating Aboriginal perspectives in their forestry curricula. A number of colleges have targeted and begun to tailor their forest land management programs for Aboriginal students, including the College of New Caledonia, Malaspina College, the Nicola Valley Institute of Technology, Northwest Community College, Aurora College, Yukon College, the Northern Alberta Institute of Technology, the National Indian Forestry Institute (now with the Saskatchewan Institute of Applied Science and Technology), the Gabriel Dumont Institute, the Aboriginal Resource Technician Program at Sault College, Baie Comeau College and the Western Regional Community College.

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Canadian universities have also been taking steps to improve Aboriginal participation. The University of British Columbia Faculty of Forestry now has a First Nations Coordinator and they are developing a First Nations Land Management course. UBC is also holding an international workshop in June 1997 on Indigenous Perspectives in Forestry Education, one of the first of its kind in the world. The University of Northern British Columbia has a significant number of Aboriginal students enrolled in its new Faculty of Natural Resources and Environmental Studies, Lakehead University Faculty of Forestry has developed a paper, *Forests, Postsecondary Education, and Aboriginal People: A Framework for Partnership and Action* and the University of Toronto Faculty of Forestry has held a series of workshops on Aboriginal issues. The University of Manitoba Natural Resources Institute's programs cover issues such as co-management and traditional ecological knowledge and the Université Laval Faculté de foresterie et de géomatique addresses Aboriginal issues in many of its courses.

II.4.3 Access Programs

More and more post-secondary institutions are implementing access or "bridging" programs which allow students without pre-requisites to spend a year upgrading their credits to prepare for entry into a regular program. For example, the Faculty of Forestry and Environmental Management at the University of New Brunswick has an arrangement with the Micmac-Maliseet Institute to allow Aboriginal students to do a bridging year in preparation for admission. This program is available to all potential students regardless of age or academic background. The University of British Columbia has a one-year science access program for Aboriginal students interested in forestry, agriculture or science degree programs.

II.4.4 Distance Education

Another innovative approach to encourage Aboriginal students to enroll in post-secondary programs is distance education. Students stay in their community and study via computer terminals from a central location. For example, Sault College offers an Aboriginal Resource Technician Program via distance education. Some universities, such as Lakehead University, are now offering graduate courses via distance education.

II.5 EMPLOYMENT FOLLOWING GRADUATION

Employment depends on the level of forestry activity within provinces and also on the degree of Aboriginal participation in forest management. Employment opportunities have expanded considerably in the past ten years through the establishment of Aboriginal forest land management regimes, partnerships with industry and Aboriginal forestry enterprises. However, gains made in some regions have been lost with cutbacks in provincial funding and staffing in the natural resource management field. For example, graduates of the Aboriginal Resource Technician Program at Sault College were traditionally hired by the Ontario Ministry of Natural

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Resources which helped to establish the program to give their long-term Aboriginal employees qualifications and the chance at something more than seasonal work. With recent budget cutbacks in some provincial ministries responsible for natural resources, and those ministries passing responsibility for forest management to the forest industry, the potential for Aboriginal employment is lessened. It has been predicted that with the changes, the forest industry will now be offering new employment, but industry has also gone through downsizing over the same period.

On the good news side, the British Columbia Ministry of Forests has established Aboriginal Forestry Advisor positions within their district offices and have also provided funds to Aboriginal communities to hire their own forestry advisors. As well, many forest companies have established Aboriginal community liaison positions in an effort to address land use conflicts and the incorporation of Aboriginal values in forest land management. Price Waterhouse, in a report prepared on human resource development in the Canadian pulp and paper industry, pointed to the low rate of Aboriginal employment within pulp and paper mills and to future trends:

Several Canadian pulp and paper mills are located in communities with aboriginal populations. In the mail survey, only one newsprint mill and one market pulp mill report aboriginal employment levels greater than 5%, and these workers were concentrated in lesser skilled jobs. Settlement of land claims will mean that many companies will likely need to improve cooperation and establish partnerships with aboriginal peoples. One means of doing this is to ensure that where aboriginal people make up a significant proportion of the local community, they also comprise a related proportion of the mill workforce.

CONCLUSION

Participation by Aboriginal people in the forest sector is slowly improving, but many barriers still need to be addressed. The trend toward decentralizing powers from the federal government to the provinces often means the development of “have” and “have not” provinces. When cuts in transfer payments affect programming at the provincial level, it is most often Aboriginal communities who will feel the affects first and most acutely. There is still a tremendous need to co-ordinate efforts nationally to improve Aboriginal participation in the forest sector and to share information which will inspire changes.

There is a need for support and resources for Aboriginal students in the form of scholarships, bursaries and support services. The growth of Aboriginal student societies, counselling services and support services at educational institutions has been a positive step toward providing some cultural support to Aboriginal students who in the past have avoided institutions who ignored their values.

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Although there has been a significant increase in the number of Aboriginal students graduating with forestry technical diplomas, there are still very few Aboriginal professional foresters. The need for graduates from forestry degree programs is still great. It is the professionals who often have most to say about forest land management and it is therefore crucial to have more Aboriginal foresters if Aboriginal values are to be taken seriously in forest management.

FURTHER READING AND RESOURCES

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UNIVERSITY PROGRAMS

University of Alberta

Department of Renewable Resources

Type of Institution:	University
Type of Program(s):	Forestry BSc, Forest Business Management BSc
Entrance Requirements:	High school graduation with English 30, Math 30, Biology 30, Chemistry 30
Length of Program:	4 years
Course Location:	Edmonton, Alberta
Delivery Method:	Classroom
Certification:	Baccalaureate of Science in Forestry Degree Program
Aboriginal Content:	Native Studies program. Also a University Access Program for first year Aboriginal students, phone:(403)492-5677
Support Services:	Native Student Services offers a broad range of services to U of A Native students: education counselling, orientation rounds, plus personal, financial, career, and employment counselling, scholarships & bursaries, tutorials, social and cultural activities
Accreditation:	Nationally recognized Forestry degree program. Canadian Forestry Accreditation Board (accredited for six years to June 30, 1999)
Other Information:	
For Further Information or Application Forms, Contact:	Dean's Office Faculty of Agriculture, Forestry & Home Economics 2-14 Agriculture-Forestry Centre University of Alberta Edmonton, AB T6G 2H1 Phone:(403)492-4413; Fax:(403)492-4323 Internet: http://web.cs.ualberta.ca/ualberta.html

University of Lethbridge

Pre-Professional Transfer Programs

Type of Institution:	University
Type of Program(s):	Pre-Professional Transfer Programs in: Forestry (BSc) at University of Alberta. There are two majors in the BSc: Forest Management and Forest Resources. The pre-Forestry courses to be taken at the University of Lethbridge are common to both majors
Entrance Requirements:	Completion of a minimum of eight courses is sufficient to meet entrance requirements. However, completion of 10 courses puts a student in a position to graduate in three additional years
Length of Program:	1 year for pre-forestry
Course Location:	Lethbridge, Alberta
Delivery Method:	Classroom
Certification:	Transfer credits to University of Alberta
Aboriginal Content:	None
Support Services:	Student counselling, tutoring, on-campus housing, education/financial assistance (403)329-2585 or email: faa_manoo@hg.uleth.ca
Accreditation:	University of Alberta
Other Information:	Transfer programs help to get student ready to qualify for admission with advanced standing to other universities
For Further Information or Application Forms, Contact:	Office of the Registrar University of Lethbridge 4401 University Drive Lethbridge, AB T1K 3M4 Phone:(403)320-5700; Fax:(403)329-5159 Internet: http://www.uleth.ca

Simon Fraser University

Faculty of Applied Sciences

Type of Institution:	University
Type of Program(s):	Natural Resources Management Program: graduate program, professional masters-level degree in resource management (MRM degree)
Entrance Requirements:	Graduation from a recognized university with a relevant specialized discipline, and 3.0 gr.pt. average or +. May be modified with extensive work experience related to resource management
Length of Program:	4 semesters and research project in 2 summer semesters
Course Location:	Burnaby, British Columbia
Delivery Method:	Full time, part time and/or co-op education: classroom and field work/placement
Certification:	Masters-level degree, and under certain circumstances doctoral programs may be set up under special arrangements. Post-doctoral positions are also available
Aboriginal Content:	There are various First Nation studies courses available through Secepemc Cultural Education Society (SCES)
Support Services:	SCES, Student Society and student services, counselling
Accreditation:	Not specified.
Other Information:	Financial support also available, including various Simon Fraser University scholarships, teaching assistant-ships, and research contracts
For Further Information or Application Forms, Contact:	Graduate Studies Chairman or The Director Natural Resources Management Program Faculty of Applied Sciences, Simon Fraser University Burnaby, BC V5A 1S6 Phone:(604)291-4659/4780; Fax:(604)291-4969 Internet: http://www.sfu.ca

University of British Columbia**Faculty of Forestry**

Type of Institution: University

Type of Program(s): The Faculty of Forestry offers a four-year degree program of undergraduate study leading to a Major in the following programs: BSF and BSc in Forestry, Forest Resources Management Major BSF, Natural Resources Conservation BSc, Forest Operations Major BSF, Forest Science Major BSc, Wood Science and Industry Major

Entrance Requirements: The Faculty of Forestry will accept applications to these degree programs from students with varying educational preparation: directly from secondary graduation (w/ Math English, Biology, Sciences: Chemistry or Physics); following completion of at least 30 credits at UBC or its equivalent at another post-secondary institution; after the completion of a 2 yr Forestry diploma program at a recognized institute of technology; or from an approved 1 or 2 yr Forestry transfer program at a BC community college. One-year science access program for Aboriginal students in preparation for forestry, agriculture or science degree programs. All credits must be at least 65% +

Length of Program: Undergraduate: 4 years BSc in Forestry with a Major in the above mentioned. For graduate studies programs contact the Faculty of Graduate Studies

Course Location: Vancouver, British Columbia

Delivery Method: Lecture halls and field labs

Certification: BSc and BSF

Aboriginal Content: First Nations' Perspective on Forest Lands course to be offered Fall '96 (3 credits) w/Aboriginal curriculum

Support Services: First Nations Coordinator; First Nations House of Learning; Canadian Aboriginal Science & Technology Society (CASTS); First Nations Professional Science Access Program

Accreditation: Canadian Forestry Accreditation Board (accredited for six years to June 30, 1999); Association of BC Professional Foresters

Other Information: Gordon Prest
First Nations Co-ordinator
Faculty of Forestry, UBC
183 - 2357 Main Mall
Phone: (604)822-0651; Fax: (604)822-8645
email:gprest@unixg.ubc.ca

For Further Information or Application Forms, Contact: University of British Columbia
Undergraduate Admissions
Registrar's Office, Brock Hall
2016-1874 East Mall
Vancouver, BC V6T 1Z1
Phone:(604)822-3014; Fax:(604)822-3599
email:registrar.admissions@ubc.ca
Internet: <http://www.forestry.ubc.ca>

University of Northern British Columbia**Faculty of Natural Resources and Environmental Studies**

Type of Institution:	University
Type of Program(s):	Environmental Studies BA; Environmental Sciences BSc; Natural Resources Management BSc (Forestry); Graduate Studies: MSc, MNRES, PhD; Resource Based Tourism BA(may be available for 1996-97 academic yr)
Entrance Requirements:	Gr 12 w/ min of 65% in English, Math, Chemistry, Physics; Geography & History (Resource-based Tourism)
Length of Program:	Environmental Sciences: 3 & 4 years; Natural Resources Management: 4 year major in Forestry
Course Location:	Prince George, British Columbia
Delivery Method:	Classroom and field work
Certification:	Diploma (BA & BSc)
Aboriginal Content:	First Nations Studies available; in Resource Based Tourism Program; First Nations issues covered
Support Services:	Counselling services, student organizations
Accreditation:	The forestry major is designed to meet national accreditation standards as well as certification requirements for the Association of BC Professional Foresters
Other Information:	UNBC goal is to promote an interdisciplinary approach, coupled with disciplinary knowledge, skills and techniques, to address resource and environmental issues
For Further Information of Application Forms, Contact:	University of Northern British Columbia Faculty of Natural Resources and Environmental Studies 3333 University Way Prince George, BC V2L 5P2 Phone:(604)960-5830; Fax:(604)960-6008 1-800-667-UNBC (8622) within BC only Internet: http://quarles.unbc.edu/nres/nres.htm email: registrar-info@unbc.edu

 University of Victoria

Environmental Studies Program and Restoration of Natural Systems Program

Type of Institution:	University
Type of Program(s):	Environmental Studies Program (ESP), co-major or minor leading to Bachelor of Arts or Science. Restoration of Natural Systems Program (RNSP): diploma or certificate.
Entrance Requirements:	Third year standing in BSc or BA degree program. RNSP: Based on assessment tests, field and work experience considered, high level of science-based content. Some courses in program may have specific pre-requisites.
Length of Program:	ESP: 4-5 years with co-op program available. RNSP: 2 years with flexibility for completion
Course Location:	Victoria, BC
Delivery Method:	Classroom, field work, lectures and practica
Certification:	ESP: BA, BSc. RNSP: Diploma or certificate
Aboriginal Content:	Several relevant courses in both programs, including: Aboriginal Peoples and the Plant World, Ethnographic Methods and Traditional Land and Resource Management
Support Services:	Native Studies Union, Aboriginal Liaison Officer, Aboriginal counselling services
Accreditation:	Association of Universities and Colleges of Canada
Other Information:	No formal graduate program, but opportunities for interdisciplinary Masters programs are available by special arrangement
For Further Information of Application Forms, Contact:	Environmental Studies Program University of Victoria Box 1700 Victoria, BC V8W 2Y2 Phone: (250)721-7354 Fax: (250)721-8985 Email: wecan@uvvm.uvic.ca

University of Manitoba**Natural Resources Institute**

Type of Institution:	University
Type of Program(s):	Masters Program in Natural Resources
Entrance Requirements:	Completion of 4 year degree; 3.0 grade point average last 60 credit hours
Length of Program:	2 years
Course Location:	Winnipeg, Manitoba
Delivery Method:	Seminars, workshops and field trips
Certification:	Masters
Aboriginal Content:	Program includes land use studies, environmental assessment, co-management and traditional ecological knowledge.
Support Services:	University of Manitoba has access programs for Aboriginal students
Accreditation:	Recognized Masters degree, nationally and internationally
Other Information:	
For Further Information or Application Forms, Contact:	The Director Natural Resources Institute The University of Manitoba 430 Dysart Road Winnipeg, MB R3T 2N2 Tel: (204)474-8373 or Admissions:(204)474-8880 Fax: (204)261-0038 email: nriinfo@umanitoba.ca Internet: http://www.umanitoba.ca gopher://gopher.cc.umanitoba.ca

University of New Brunswick**Faculty of Forestry & Environmental Management**

Type of Institution:	University
Type of Program(s):	Forest Engineering and Forest Ecosystem Management (Wildlife Management, Parks & Wilderness, Computer Applications, Forest Science & Environmental Studies)
Entrance Requirements:	BScF: Average of 60% (65% outside of Maritimes) for English 12, Math 12; 2 of Biology, Chemistry, Physics; Math 11; and 1 elective; BScFE: Average of 60% (65% outside of Maritimes) in English 12, Math 12; Chemistry 12, Physics; Math 11; +1 elective. Students lacking chemistry & physics will be considered on an individual basis
Length of Program:	5 years for both programs
Course Location:	Fredericton, New Brunswick
Delivery Method:	Classroom lectures; case studies; laboratories inside/field
Certification:	BSc in Forestry, BSc in Forest Engineering, MSc in Forestry, MSc in Forest Engineering & PhD
Aboriginal Content:	The Faculty has an arrangement with the Micmac-Maliseet Institute to allow Aboriginal students to do a bridging year in preparation for admission (available to all potential students regardless of age or academic background)
Support Services:	Counselling services, Native Students Council, Micmac-Maliseet Institute (provides tutoring)

Accreditation: Forest Ecosystem Management Program: Canadian Forestry Accreditation Board (accredited for six years to June 30, 1999); Forest Engineering Program: Canadian Engineering Accreditation Board

Other Information: Chairs in Sustainable Development & Wildlife Ecology & Management

For Further Information or Application Forms, Contact: Faculty of Forestry & Environmental Management
University of New Brunswick
P.O. Box 44555
Fredericton, NB E3B 6C2
Phone: (506)453-4501; Fax: (506) 453-3538
email:daug@unb.ca
email:forem@unb.ca
Internet: <http://degaulle.hil.unb.ca>
<http://www.unb.ca/web/forestry>

 Université de Moncton

 Sciences Forestières

Type of Institution:	Université
Type of Program(s):	Sciences Forestières
Entrance Requirements:	Français 1041, Math 3031, Anglais 2021, Histoire 4211, u Chimie 5221, Physique 5121, et Math 3041
Length of Program:	5 ans
Course Location:	Edmunston, Moncton * Les années subséquentes se poursuivent à Edmundston
Delivery Method:	Le program comporte plusieurs cours avec laboratoire et plusieurs semaines de stage en forêt, ce qui permet de mettre en application les connaissances théoriques acquises
Certification:	Baccalauréat
Aboriginal Content:	Projet spécial en Foresterie: préparation d'un rapport d'étude sur un sujet particulier dans le domaine de la foresterie
Support Services:	Services aux étudiants
Accreditation:	Bureau canadien d'agément en foresterie, offre une formation permettant aux finissants et finissantes de devenir membres d'associations professionnelles telles l'Ordre des ingénieurs forestiers du Québec et l'Association des forestiers agréés du Nouveau-Brunswick
Other Information:	L'Université de Moncton est un établissement de langue français. Dès son arrivée à l'Université, l'étudiant ou l'étudiant aura à subir un test d'aptitude en français parlé et écrit
For Further Information or Application Forms, Contact:	Service de l'admission Centre universitaire de Moncton Moncton, Nouveau-Brunswick E1A 3E9 Phone:1-800-561-3996; Fax:(506)858-4544 gopher://gopher.umoncton.ca

Lakehead University

Faculty of Forestry

Type of Institution:	University
Type of Program(s):	Diploma (Technologist) in Integrated Forest Resource Management, Honours BSc in Forestry, MSc in Forestry, Master of Forestry
Entrance Requirements:	Diploma Program: OSSD with the following subjects at the Advanced level: ENG12, Chemistry11/12, Math11/12, Biology11/12; Degree Program: OAC's in English, Calculus, Chemistry, Biology, Algebra & Geometry, Finite Mathematics, 1 additional credit * applicants lacking no more than one of these pre-req's will be considered on an individual basis
Length of Program:	2 years for Technician; 4 years HBScF; 5 years for co-op program
Course Location:	Thunder Bay, Ontario
Delivery Method:	Classroom
Certification:	Diploma, Degree (see programs above)
Aboriginal Content:	Some guest presentations on Aboriginal issues. Students can take electives from Aboriginal/Native Studies courses offered at Lakehead University.
Support Services:	Native Students Association & Centre for Indigenous Learning which provides support services to Aboriginal students
Accreditation:	Canadian Forestry Accreditation Board (accredited for six years to June 30, 1997)

Other Information: Related institutes: Centre for the Application of Resource Information Systems (CARIS) & Centre for Northern Forest Ecosystem Research (CNFER); Chair in Forest Management Policy

**For Further Information or:
Application Forms, Contact:** Registrar, Admissions
Lakehead University
955 Oliver Road
Thunder Bay, ON P7B 5E1
Phone: (807)343-8500; Fax: (807)343-8156
Internet: <http://flash.lakeheadu.ca>
<http://www.lakeheadu.ca>
gopher://flash.lakeheadu.ca

Trent University

Environmental and Resource Studies

Type of Institution:	University
Type of Program(s):	Environmental and Resource Studies (Degree, Honours, and Bachelor of Science or Arts); and Graduate studies in Watershed Ecosystems (Masters or a PhD degree)
Entrance Requirements:	OSSD plus 6 OAC's with average of 60% + in: Chemistry, Calculus, English, Math, Science. For Masters, B+ average in Honours program; and to be considered for PhD program must have Masters degree
Length of Program:	3 to 5 years
Delivery Method:	Classroom, field work, lectures; Graduate program: research and thesis for Masters and PhD
Certification:	BA, BSc, MSc, MA, PhD
Aboriginal Content:	Canada: The Land: a session on Aboriginal rights
Support Services:	Natives Students Association, tutoring, counselling, residence, child care. Native students host a International Youth and Elders Gathering in February of each year
Accreditation:	Association of Universities and Colleges of Canada
Other Information:	The Environmental and Resource Studies program offers the student the opportunity to specialize in a theme, each of which represents an informal stream of courses: Environmental Thought and Communication (BA); Natural Resource Management (BSc), Community Economic and Resource Development (BA), Ecological Systems (BSc)

For Further Information or Application Forms, Contact:

Officer of the Registrar
 Trent University
 Peterborough, ON K9J 7B8
 Phone:(705)748-1332; Fax:(705)748-1629
 email: liaison@trentu.ca
 Internet: http://www.trentu.ca
 gopher://trentu.ca

University of Toronto**Faculty of Forestry**

Type of Institution:	University
Type of Program(s):	Graduate studies in forest conservation, forest management, forest biology and wood science
Entrance Requirements:	Honours Bachelor's in a relevant field, with mid-B minimum in final 2 years. Admission to PhD program with Masters degree with A- standing; students with A- standing in MScF and outstanding research capabilities may be considered for transfer to PhD after MScF residence period
Length of Program:	MFC:16 months; MScF:2-3yrs; PhD:4yrs
Course Location:	Toronto, Ontario
Delivery Method:	Classroom, field camps, research
Certification:	Master of Forest Conservation (MFC), Master of Science in Forestry (MScF), PhD
Aboriginal Content:	Program is growing in Aboriginal response. Need to re-examine, develop and integrate Aboriginal concerns in forestry curriculum
Support Services:	The First Nations House has Aboriginal Student Services component
Accreditation:	Ontario Professional Foresters Association
Other Information:	Collaborative programs in Toxicology & Environmental Studies; related institute: Urban Forests Centre
For Further Information or Application Forms, Contact:	Graduate Coordinator, Faculty of Forestry Earth Sciences Centre, University of Toronto 33 Willcocks Street Toronto, ON M5S 3B3 Phone:(416)978-6152; Fax:(416)978-3834 email: gradprog@larva.forestry.utoronto.ca Internet: http://www.utoronto.ca/forest/fachome.htm

Université Laval

Faculté de foresterie et de géomatique

Type of Institution: University

Type of Program(s): BSc: Forest Management and Environment, Forest Operations, Wood Sciences

Entrance Requirements: DEC (College Diploma) with nature sciences

Length of Program: 4 years/8 terms

Course Location: Québec City, Québec

Delivery Method: Classroom and field work

Certification: Bachelor of Applied Sciences

Aboriginal Content: Reference to Aboriginal issues and concerns in many courses (eg: policy, legislation, wildlife habitat, integrated forest management)

Support Services: Orientation and counselling, health, scholarships and financial aid, employment services

Accreditation: Provincially known; forest industry; also accredited by the Ontario Professional Foresters Association and Canadian Forestry Accreditation Board (accredited for six years to June 30, 1997)

Other Information: All forestry programs give access to the Quebec Order of Forest Engineers which regulates all aspects of forestry in Quebec. Students must complete 32 weeks of supervised work in forestry after and/or during their studying to be recognized as Foresters

For Further Information or Application Forms, Contact: Assistant to the Dean
 Université Laval
 Pavillon Abitibi-Price
 Sainte Foy, PQ G1K 7P4
 Phone: (418)656-3053; Fax: (418)656-3177
 email: ffg@ffg.ulaval.ca
 Internet: <http://www.ulaval.ca>
<http://forestgeomat.for.ulaval.ca>

COLLEGE PROGRAMS

Alberta Vocational College**Forest Technician**

Type of Institution:	College
Type of Program(s):	Forest Technician Program
Entrance Requirements:	Placement testing and interview, Grade 10 with English 10 or 13, Math 10 or 13, good physical health
Length of Program:	32 weeks
Course Location:	Lac La Biche, Alberta
Delivery Method:	Classroom lectures and field training exercises
Certification:	Certificate
Aboriginal Content:	Not specified
Support Services:	Counselling, on-campus housing, child care, students association
Accreditation:	Alberta Advanced Education and Career Development
Other Information:	The program also provides a significant base for advancement for more technical or professional training
For Further Information or Application Forms, Contact:	Admissions Department Alberta Vocational College Box 417 Lac La Biche, AB T0A 2C0 Phone:(403)623-5513; Fax:(403)623-5639 Internet: info@avcllb.aecd.gov.ab.ca

Augustana University-College

Pre-Professional Programs

Type of Institution:	University-College (Private College)
Type of Program(s):	Pre-Professional Program in Forestry, with a transfer to University of Alberta
Entrance Requirements:	Grade 12 graduation with English, Math, and Sciences: Biology, Chemistry, Physics, all at the senior level and at least 60% and over. For a university transfer you must contact the University of Alberta, Admissions Department
Length of Program:	1 year
Course Location:	Camrose, Alberta
Delivery Method:	Classroom
Certification:	Transfer credits
Aboriginal Content:	Augustana is a liberal arts and sciences university of the Evangelical Lutheran Church in Canada. Augustana offers courses in Native Peoples', African, Asian, and/or Latin American studies
Support Services:	Counselling, tutoring, scholarships and bursaries, housing
Accreditation:	Association of Universities and Colleges of Canada
Other Information:	This university is a community where, in the tradition of Lutheran higher education, the Christian faith and free academic inquiry coexist in creative tension. It is committed to excellence and is open to students of all traditions
For Further Information or Application Forms, Contact:	Office of Admissions Augustana University College 4901 - 46 Avenue Camrose, AB T4V 2R3 Phone:(403)679-1185 or 1-800-661-8714 ex#185 email: admissions@augustana.ab.ca

Grande Prairie Regional College
Applied Forest Resource Management

Type of Institution:	College
Type of Program(s):	Bachelor of Applied Forest Resource Management; University transfer programs: BSc: Environmental and Conservation Sciences; Forestry; and Northern Studies
Entrance Requirements:	University transfer programs: Grade 12 diploma w/ English 30, Math 30, Chemistry 30, Biology 30, plus one other 30 level subject, all must be 60% average and over
Length of Program:	University transfer program: One year Applied Forest Resource Management: 6 semesters, plus 2 semesters of collaborative, paid, discipline-related work experience
Delivery Method:	Classroom, field and work experience
Certification:	University transfer program: BSc; Bachelor of Applied Forest Resource Management
Aboriginal Content:	Contact Manager of Aboriginal Development at (403)539-2857 for services offered to Aboriginal students
Support Services:	Counselling, health services, student w/ special needs, fitness resource centre
Accreditation:	Currently working towards recognition with the Alberta Registered Foresters Association
Other Information:	Student who are over 21 yrs, have completed a technical diploma (related field), contact the Office of the Registrar, and Dept. of Science and Technology, to discuss admission and/or advance credit at number below
For Further Information or Application Forms, Contact:	Grande Prairie Regional College 10726-106 Avenue Grande Prairie, AB T8V 4C4 Phone:(403)539-2944; Fax:(403)539-2888 email: student_info@grpc.ab.ca Internet: http://www.gprc.ab.ca

Medicine Hat College**Environmental and Conservation Sciences**

Type of Institution: College

Type of Program(s): Environmental and Conservation Sciences (transfer program to University of Alberta, BSc)

Entrance Requirements: Grade 12 diploma with Math, English, Science

Length of Program: One year

Course Location: Medicine Hat, Alberta

Delivery Method: Classroom

Certification: University transfer credits

Aboriginal Content: Not specified

Support Services: Counselling, tutoring, link with U of A

Accreditation: University of Alberta

Other Information: Students must realize that various receiving universities set their own admission standards and it is the responsibility of the Medicine Hat College student to see that they meet the entrance requirements of the receiving university

For Further Information or Application Forms, Contact: Medicine Hat College
299 College Drive S.E.
Medicine Hat, AB T1A 3Y6
Phone:(403)529-3811; Fax:(403)527-1915
email: info@acd.mhc.ab.ca

Northern Alberta Institute of Technology
Forest Technology

Type of Institution: College

Type of Program(s): Forest Technology

Entrance Requirements: Alberta General High School Diploma or equivalent included English 30 or 33, Mathematics 30 or 33, Biology 20 and Chemistry 20, with preference given to applicants with 30-level sciences; St. John Ambulance First Aid Certificate and CPR Heart saver. An Alberta Class 4 Driver's Licence is highly recommended

Length of Course: Two years (two semesters of 17 weeks, and last two semesters of 16 weeks)

Course Location: First year is carried out from the NAIT campus in Edmonton, Alberta; second year is conducted at the Forest Technology School in Hinton, Alberta.

Delivery Method: Lab, lecture and field time

Certification: Diploma

Aboriginal Content: Not specified

Support Services: Institute has a program that helps students find employment after graduation

Accreditation: Graduates are eligible for membership in the Alberta Forestry Association, the Canadian Institute of Forestry, and the Alberta Forest Technologists Society.

Other Information:

For Further Information or Application Forms, Contact: Mr. T. Knapp, Program Head
Northern Alberta Institute of Technology
11762-106 Street
Edmonton, AB T5G 2R1
Phone:(403)471-7777; Fax:(403)471-7765

The King's University College**Environmental Studies**

Type of Institution: University College

Type of Program(s): Environmental Studies (BA)

Entrance Requirements: Grade 12 graduation with English, one language other than English, Social Studies or History, Mathematics, Chemistry and/or Biology and/or Physics. All courses must be at least 60% and over

Length of Program: 4 years

Course Location: Edmonton, Alberta

Delivery Method: Class, field and labs

Certification: Bachelor of Arts: Environmental Studies

Aboriginal Content: Not specified

Support Services: Counselling, tutoring, housing, scholarships and bursaries

Accreditation: Alberta Private Colleges Accreditation Board

Other Information: The College strives to be an academic community which integrates the Christian faith with teaching, learning, research, and by academic excellence and a personal approach to students

For Further Information or Application Forms, Contact: The King's University College
9125-50 Street
Edmonton, AB T6B 2H3
Phone:(403)465-3500; Fax:(403)465-3534
email: registrar@kingsU.ab.ca
Internet: <http://www.kingU.ab.ca>

British Columbia Institute of Technology

Type of Institution:	Technology
Type of Program(s):	Renewable Resources (RR) Wood Products Manufacturing (WPS) Geographical Information Systems (GIS)
Entrance Requirements:	RR: Forestry Option/Gr 12 with English 12, Math 11 with C+, and any two science 11 or 12 courses with a preference for at least one science 12 and grades of C+ or better. Math may be considered in lieu of the Science 12 courses; WPS: Gr 12 with English 12, Math and one Science 11, Biology, Chemistry or Physics (Physics Preferred); and GIS: Diploma of Technology of University/College Degree in related Field
Length of Program:	RR: Two years, full-time beginning in September WPS: Two years, full-time beginning in September GIS: Available in a full-time nine month period
Course Location:	Burnaby, British Columbia
Delivery Method:	RR: Classroom and hands-on experience with Cooperative Education Option Phone:(604)451-6911 WPS: Classroom instruction is heavily augmented by field trip to coastal and interior operations; GIS: Classroom; students may be required to participate in work experience at the industry sponsor's place of business
Certification:	Wood Products Manufacturing Diploma; Geographic Information Systems Advanced Diploma Program; and Renewable Resources Cooperative Diploma (either in Forestry or Fish, Wildlife and Recreation)
Aboriginal Content:	Not specified
Support Services:	Student Services, child care, counselling. First Nations programs and services include: First Nations Transition to Technology; Cultural Advisor and Resident Elder

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Accreditation: Renewable Resources is accredited at the technologists level by the Applied Science Technologists and Technicians of BC

Other Information: Students must submit a one page letter, preferably hand written included with your application. The letter should describe why you desire a career in the field of forestry. ** Brenda Ireland, Coordinator, First Nations Programs and Services, Phone: (604)451-6901 or email: ielb2393@bcit.bc.ca

For Further Information or Application Forms Contact: Student Services
British Columbia Institute of Technology
3700 Willingdon Avenue
Burnaby, BC V5G 3H2
Phone:(604)434-3304; Fax:(604)433-1184
1-800-667-0676 (1-4pm)

College of New Caledonia

Forestry & Forest Resource Technology

Type of Institution:	College
Type of Program(s):	Forestry; Forest Resource Technology
Entrance Requirements:	Forestry: Gr. 12 or ABE Advanced or GED, conditional acceptance if C+ or less in math 12; Forest Resource Technology: Gr. 12 or Advanced ABE or GED, math 11 or 045 <u>and</u> Biology 11 or 045 with "C" or better; physical fitness; keyboard skills an asset
Length of Program:	2 years: 2 semesters each year
Course Location:	Prince George, British Columbia
Delivery Method:	Classroom
Certification:	Forestry: Associate Degree Forest Resource Technology: Diploma
Aboriginal Content:	Limited; Aboriginal guest speakers
Support Services:	Counselling, First Nations Education Support Services (includes peer tutoring), First Nations Student Club, Centre for Student Success (tutoring)
Accreditation:	Forest Resource Technology: Applied Science Technologists & Technicians of BC
Other Information:	Forest Resource Technology is always wait-listed: 37 students admitted annually. Preference given to strong academic qualifications, relevant experience, candidates who reside within College region.
For Further Information or Application Forms, Contact:	Admissions College of New Caledonia 3330 - 22nd Avenue Prince George, BC V2N 1P8 Phone: (604)562-2131; Fax: (604)561-5816 email: gruntman@cnc.bc.ca Internet: http://www.cnc.bc.ca

Malaspina University-College

Type of Institution:	University-College
Type of Program(s):	Resource Management Officer Technology, (RM); Forest Resources Technology (FR)
Entrance Requirements:	RM: Gr 12 w/ English, Math, Biology, 2 letters of reference, resumé, personal letter indicating reasons for applying, screening exam, interview plus, completion of the BC Min. of Environ. & Parks' CORE program, Chemistry; FR: Gr 12 w/ English, Math, one Science, Math assessment test, submit 200-400 word statement explaining reasons for wanting to enroll in the program plus, Forestry 12, Biology, physically fit for work in the woods, previous forestry-related employment to assess personal suitability for this career field
Length of Program:	Both programs are 2 years
Course Location:	Nanaimo, Vancouver Island, British Columbia
Delivery Method:	RM: Classroom lectures, seminars, labs and field training. FR: Lectures, seminars, labs and field. Ideal forestry learning environment, 1300 ha. woodlot is 10 min. away
Certification:	Diploma for both programs
Aboriginal Content:	RM: one course is essential to students, Anthropology 121 Canadian Native People
Support Services:	Malaspina helps the student to find summer employment, essentially in the Forest industry (highly recommended)
Accreditation:	Association of BC Professional Foresters
Other Information:	Contact: Malaspina Advisor: (604)755-8752
For Further Information or Application Forms, Contact:	Malaspina University-College 900 Fifth Street Nanaimo, BC V9R 5S5 Phone:(604)755-8755; Fax:(604)741-2683 Internet: http://www.mala.bc.ca

Mestánta Technological Institute**Renewable Resources Technician**

Type of Institution:	Non-profit/non-governmental organization
Type of Program(s):	Renewable Resources Technician
Entrance Requirements:	No academic prerequisites; within the curriculum there is time to upgrade high school credits
Length of Program:	Program runs 3 years, depending on student
Course Location:	Lytton, British Columbia
Delivery Method:	Fully Co-op Education: 50% classroom, 50% work experience, including time to upgrade high school diploma
Certification:	Renewable Resources Technician
Aboriginal Content:	Informally in studies relating to land use and application of alternative management practices, interactions with Elders & band leaders/members/counsellors (guest speakers)
Support Services:	Personal and career counselling, plus addiction treatment available if requested
Accreditation:	Ministry of Forests, forest companies
Other Information:	Currently negotiating transferability with BC colleges (Nicola Valley Institute of Technology & Malispina College)
For Further Information or Application Forms, Contact:	Noel Haynes, Department Head Mestanta Technological Institute P.O. Bag 300 Lytton, BC V0K 1Z0 Phone:(604)455-2522; Fax:(604)455-2512

Nicola Valley Institute of Technology

Department of Natural Resource Technology

Type of Institution: College

Type of Program(s): Natural Resource Management Certificate, Natural Resource Management Diploma (co-op option), Forestry, Natural Resource Management Training

Entrance Requirements: Grade 12 diploma with: Math, Biology and English

Length of Program: The Certificate of Natural Resource Management is a one-year program. Core year can be added to with specialization in Forestry or in Fish, Wildlife, Grassland and Recreation. The Natural Resource Management Training program is available on a contract basis to communities.

Course Location: Merritt, British Columbia

Delivery Method: Classroom and field labs

Certification: Diploma of Technology

Aboriginal Content: More Aboriginal content in some courses than others; there is a continual development of Aboriginal content

Support Services: Extensively developed support services for Aboriginal students from across Canada

Accreditation: Currently through College of New Caledonia, but independent accreditation with the Applied Science Technologists & Technicians of BC currently being sought

Other Information: NVIT is a First Nations-controlled college welcoming both Aboriginal and non-Aboriginal students

For Further Information or Application Forms, Contact: Paul Willms, Head
Dept. Of Natural Resource Technology
Nicola Valley Institute of Technology
2196 Quilchena Avenue, Box 399
Merritt, BC V0K 2B0
Phone: (604)378-3300; Fax: (604)378-3332

Northern Lights College

Natural Resources Program

Type of Institution:	College
Type of Program(s):	Forestry Crew Person Training (Natural Resource Technician, Resource Management Officer Training, Renewable Resources Technology are all under consideration. If there is adequate interest, please contact the Vice President of Instruction at (604)784-7515)
Entrance Requirements:	Forestry Crew Person: Grade 10 completion and the ability to participate in field work
Length of Training:	2 months
Course Location:	Dawson Creek, British Columbia
Delivery Method:	Classroom and field work
Certification:	For anticipated Natural Resource Programs; it will be a 2 year diploma program, and will carry transfer credits towards a Bachelor of Natural Resources degree
Aboriginal Content:	Not specified
Support Services:	Education and personal counselling, tutoring
Accreditation:	Northern Lights College
Other Information:	Please contact Northern Lights College for course description and/or the development of Natural Resources
For Further Information or Application Forms, Contact:	Northern Lights College Dawson Creek Campus Dawson Creek, BC Phone:(604)782-5251; Fax:(604)782-6069

Northwest Community College

Forest Technology Co-op Program

Type of Institution: College

Type of Program(s): Forest Technology, Integrated Resource Management and a proposed coastal integrated resource management option; optional co-op model

Entrance Requirements: Grade 12 diploma with: Biology (grade 11), Mathematics (grade 11), English (grade 12)

Length of Program: One year certificate or 2.5 year diploma

Course Location: Terrace, Hazelton, Smithers
*Proposed for Prince Rupert

Delivery Method: Classroom and field labs

Certification: Certificate and Diploma

Aboriginal Content: Anthropology 111 and 112

Support Services: Student Success Program (peer tutoring)
First Nations Access Coordinator

Accreditation: Applied Science Technologists & Technicians of British Columbia (AScTBC)

Other Information: Graduates are given 70 credits towards University of Northern British Columbia's 135 credit Natural Resource Management Degree Program

For Further Information or Application Forms, Contact: Stephen Doyle, Regional Program Coordinator
Northwest Community College, Smithers Campus
Box 338
Hazelton, BC V0J 1Y0
Phone: (250)842-6710 or 842-5291; Fax: (250)842-5813
OR
Trish Nuyten, Program Coordinator
Northwest Community College, Terrace Campus
Phone: (250)635-6511 Fax: (250)638-5434

Selkirk College

Renewable Resources Technology

Type of Institution:	College
Type of Program(s):	Renewable Resources Technologist; Forestry Diploma; Recreation, Fish & Wildlife Diploma
Entrance Requirements:	Grade 12 graduation with: BIOL 11 w/C+ or better; MATH 11(w/trigonometry) w/B or MATH 12 w/C+ or better, ENG. 12 w/C+ or better; One of Physics 11, Chemistry 11 or a Science 12 w/C+ or better
Length of Program:	2 years
Course Location:	Castlegar, British Columbia
Delivery Method:	Emphasis on practical field skills <u>or</u> CO-OP Education option: Contact Co-op office at (604) 365-1280
Certification:	Diploma (transfer credits to UNBC, UBC, U of AB towards a Bachelor in Natural Resource Management w/ a major in Forestry)
Aboriginal Content:	Cultural Awareness, Resource Management, Treaty Negotiations, limited to non-Aboriginal perspective
Support Services:	Career, and life counselling services available
Accreditation:	Recognized by the Association of Scientific Technologist and Technicians of BC
Other Information:	First year students are required to obtain first-aid training certificate, \$45/ if not already in possession
For Further Information or Application Forms, Contact:	Angus Graeme, Department Head Department of Renewable Resources Selkirk College Box 1200 Castlegar, BC V1N 3J1 Phone:(604)365-7292; Fax:(604)365-3929

University College of the Cariboo**Forestry & Natural Resource Science**

- Type of Institution:** University College
- Type of Program(s):** Forestry transfer to University of British Columbia;
Bachelor of Natural Resource Science
- Entrance Requirements:** BC Gr 12 graduation w/ Gr 12 ENG(min. B within the last 5 yrs) or LPI level 4 within the last 2 yrs, Biology 11, Chemistry 11&12, Math 12, with at least C+ and Physics 11. Students with Biology 12 and Chemistry 12 will be given preference. Mature students and/or previous post-secondary students welcome to apply
- Length of Program:** 5 years (co-op)
- Course Location:** Kamloops, British Columbia
- Delivery Method:** Classroom
- Certification:** Bachelor of Natural Resource Science
- Aboriginal Content:** Across the curriculum plus specific courses in electives; ANTH223- Indians of British Columbia and PHIL435- Environmental Ethics
- Support Services:** Several counselling and tutoring services
- Accreditation:** Seeking accreditation for selected specific courses from the Association of British Columbia Professional Foresters and Professional Biologists.
- Other Information:** Limited to 27 at the first year level, hence achievement of the minimum GPA does not guarantee entry into the program. Deadline April 15 of each year
- For Further Information or Application Forms, Contact:** Maureen McCully, Forestry and Natural Resource Science
The University College of the Cariboo
900 McGill Road
Box 3010
Kamloops, BC V2C 5N3
Phone: (604)828-5093; Fax: (604)371-5513

Centre for Indigenous Environmental Resources

Environmental Assessment, Protection and Education Program

Type of Institution:	National non-profit organization, created and directed by First Nation Chiefs from across Canada
Type of Program(s):	Environmental Assessment, Protection and Education Program
Entrance Requirements:	18 years of age and older with high school diploma or mature student qualification
Length of Program:	15 months of study followed by 3 months of field experience and 9 months of on-the-job work experience
Course Location:	Winnipeg, Manitoba
Delivery Method:	Some of the students' time is spent away from the classroom setting - in various communities and research stations across Canada with the instructors and elders. Classroom and field placement/hands-on
Certification:	Certificate from The Continuing Education Division, at the University of Manitoba
Aboriginal Content:	Program is First Nation focussed combined with Western knowledge regarding the environment
Support Services:	Mentoring program, a student advisory program, language and numeracy tutoring, study skills coaching, essay and report writing tutoring and personal or family counselling
Accreditation:	This program is certified in partnership with the University of Manitoba. Advanced standing in a degree program <u>may</u> be granted to a student who successfully completes the program

Centre for Indigenous Environmental Resources

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Other Information: Discover the traditional environmental knowledge of our elders and acquire a sound understanding of environmental sciences. Learn about international, national and regional environmental issues.

For Further Information or Application Forms, Contact: Karen Wastasecoot
Program Coordinator
Centre for Indigenous Environmental Resources
310 Johnston Terminal
25 Forks Market Road
Winnipeg, MB R3C 4S8
Phone:(204)956-0660; Fax:(204)956-1895
email: earth@cier.mb.ca

Keewatin Community College

Natural Resources Management Technology

Type of Institution:	Community College
Type of Program(s):	Natural Resources Management Technology
Entrance Requirements:	Grade 12 graduation w/ Math 40S, English 40S, Math 300, and English 300 with electives Biology 30S/30G and Chemistry 30S or Physical Science 30 G or Biology 200/201 and Chemistry 200 or Physical Science 201 of Mature Student regulations apply
Length of Course:	Program is divided into four 16 week terms over 2 years
Course Location:	The Pas Campus, Manitoba
Delivery Method:	Class, field work, laboratory
Certification:	Diploma
Aboriginal Content:	Not specified
Support Services:	Counselling, tutoring, financial assistance
Accreditation:	University transfer to either U of Manitoba or U of Winnipeg, 30 credit hour transfer
Other Information:	Waiting list is long and enrollment in the program is limited to one intake per year. The program commences in September, first come-first served basis, therefore early application is recommended
For Further Information or Application Forms, Contact:	Office of the Registrar Keewatin Community College P.O. Box 3000 The Pas, MB R9A 1M7 Phone:(204)627-8565; Fax:(204)627-8514

École Des Gardes Forestières

Forest Technician

Type of Institution: College

Type of Program(s): Forest Technician

Entrance Requirements: 20 years old, one year forestry experience
Grade 12 with Math, Science and good French

Length of Program: One year

Course Location: Bathurst, New Brunswick

Delivery Method: Class/field/lab work

Certification: Diploma

Aboriginal Content: None

Support Services: None

Accreditation: Canadian Institute of Forestry
American Society of Foresters

Other Information: Program offered in French only

**For Further Information or
Application Forms, Contact:** Rod O'Connell, BSc, L'Instructeur en chef
École Des Gardes Forestiers
725 rue du Collège, C.P. 266
Bathurst, NB E2A 3Z2
Phone:(506)546-4176; Fax:(506)546-2829

Maritime Forest Ranger School

Type of Institution:	College, Technical Forestry School
Type of Program(s):	Forest Ranger Program; Forest Technician
Entrance Requirements:	20 years of age, minimum of 12 months of employment in forestry or related natural resource work; Grade 12 math and language, entrance tests in math and verbal reasoning
Length of Program:	One year
Course Location:	Fredericton (English), Bathurst (French)
Delivery Method:	Classroom and field exercises
Certification:	Diploma
Aboriginal Content:	NIL; however, would be willing to offer Aboriginal heritage courses if sufficient numbers and interest
Support Services:	Student Council
Accreditation:	Society of American Foresters; Association of Registered Professional Foresters of N.B.
Other Information:	
For Further Information or Application Forms, Contact:	J. Stephen Hoyt, Director Maritime Forest Ranger School R.R. #10 Fredericton, NB E3B 6H6 Phone: (506)458-0199; Fax: (506) 458-0652

Nova Scotia Community College

Natural Sciences - Earth Resources

Type of Institution:	Community College
Type of Program(s):	Forestry Resources
Entrance Requirements:	Successfully completed high school diploma and/or equivalent; w/ English, Math, Biology and/or Physics and/or Chemistry at a senior level
Length of Program:	10 months
Course Location:	Annapolis Campus, Middleton; AVTC - Cape Breton; Cumberland Campus, Springhill; Lunenburg Campus, Bridgewater; and Nautical Institute Campus, Port Hawkesbury
Delivery Method:	Classroom, field work and hands-on experience
Certification:	Certificate
Aboriginal Content:	Not specified
Support Services:	Counselling, tutoring, and education services provided at each Campus
Accreditation:	Graduates who qualify may take the Provincial Scalers Licence examination
Other Information:	Graduates may wish to continue their studies at the Maritime Forest Ranger School
For Further Information or Application Forms, Contact:	Nova Scotia Community College Cumberland Campus 1 Main Street P.O. Box 550 Springhill, NS B0M 1X0 Phone:(902)597-3737; Fax:(902)597-8548

Centre for Forest and Environmental Studies

Westviking College

Type of Institution:	College
Type of Program(s):	Forest Resources and Environmental Technology; Forest Ranger; Mineral Technology; GIS
Entrance Requirements:	Acquired forestry background and interest in further development & training; Grade 12 graduation w/ English, Math, Biology, Chemistry or Physics, must be familiar with coastal regions and environment
Length of Program:	Varies
Course Location:	Corner Brook, Newfoundland
Delivery Method:	Classroom and field work
Certification:	Certificate
Aboriginal Content:	Not specified
Support Services:	Counselling, education and tutoring services
Accreditation:	Westviking College
Other Information:	To develop international expertise in sustainable development of land-based resources of island and coastal states
For Further Information or Application Forms, Contact:	Centre for Forest & Environmental Studies Fisher Building P.O. Box 822 Corner Brook, NF A2H 6H6 Phone:(709)637-8584; Fax:(709)634-8767 Internet: http://intrepd.westviking.nf.ca/cfes.html

NORTHWEST TERRITORIES

Aurora College**

Natural Resources Technology

Type of Institution: College

Type of Program(s): Natural Resources Technology Program

Entrance Requirements: Grade 12 diploma w/ Math, English and one or more of Grade 12 Biology, Chemistry or Physics. The successful applicant must have a valid Firearms Acquisition Certificate

Length of Program: 2 years

Course Location: Thebacha Campus, Fort Smith, Northwest Territories

Delivery Method: Classroom, lab, and field work

Certification: Diploma

Aboriginal Content: Aboriginal values and culture integrated into curriculum. Land management and land rights issues

Support Services: Counselling, tutoring, and an active Student Association

Accreditation: North American Wildlife Association and Society of American Foresters

Other Information: Program allows for University and College transfer
**please note that Aurora College was previously named Arctic College; its name was legally changed in 1995

For Further Information or Application Forms, Contact: Jack Van Camp, Senior Instructor
Natural Resources Technology Program
Aurora College
Box 600
Fort Smith, NT
Phone:(403)872-7578; Fax:(403)872-5411

Algonquin College

Type of Institution:	College
Type of Program(s):	Forestry Technician; Environmental Studies
Entrance Requirements:	College Eligibility: Ontario Secondary School Diploma at or above general level, w/senior ENG and/or Math courses; Mature Student status (19 years of age or over and without a high school diploma; eligibility may be determined by academic achievement testing) Program Eligibility: Math 12 (Mathematics for Technology MTT4G, or with a similar content, is recommended)
Length of Program:	2 years
Course Location:	Pembroke, Ontario
Delivery Method:	Classroom and field work
Certification:	Diploma
Aboriginal Content:	Not specified
Support Services:	Aboriginal counsellor on call from Ottawa
Accreditation:	Forest Technology - recognized across Canada
Other Information:	Recently asked to deliver the Forestry Technician Program on site for the Kitigan Zibi (Maniwaki) Education Council
For Further Information or Application Forms, Contact:	Kim Clark Algonquin College 315 Pembroke St East Pembroke, ON K8A 3K2 Phone:(613)735-4723; Fax:(613)735-4739 email: clarkk@algonquinc.on.ca

Cambrian College

Wabnode Institute

- Type of Institution:** College
- Type of Program(s):** First Nations Lands Management; and Aki Kwaamdandaa: Aboriginal Environmental Management Program
- Entrance Requirements:** Ontario Secondary School Diploma (30 credits), or equivalent, or mature student status (19 years of age) with/ English, Math, Sciences (either Biology or Physics or Chemistry) all at a senior level
- Length of Program:** 2 to 3 years
- Course Location:** Sudbury, Ontario
off-campus in Manitoulin Districts
- Delivery Method:** Classroom and Field Practicum
- Certification:** Certificate
- Aboriginal Content:** Program is designed for Aboriginal students. Environmental program will address the environmental concerns of Aboriginal people and First Nations communities.
- Support Services:** Full time Native Counsellor, the Native Students Activity Centre and the Native Students' Association
- Accreditation:** Cambrian College
- Other Information:**
- For Further Information or Application Forms, Contact:** Dave White
Wabnode Institute/Cambrian College
1400 Barrydowne Road
Sudbury, ON P3A 3V8
Phone:(705)566-8101 ex#7727
Fax:(705)524-7329

Collège Boréal

Type of Institution:	Collège
Type of Program(s):	Techniques d'aménagement polyvalent des richesses naturelles, Technologie en gestion de la pêche et de la faune, Technologie forestière
Entrance Requirements:	Diplôme d'études secondaires de l'Ontario, l'équivalent ou le statut d'apprenant ou apprenante adulte; 2 crédits de français au cycle supérieur (niveau général ou avancé); 1 crédit de biologie au cycle supérieur (niveau général ou avancé)
Length of Program:	Techniques: 2 ans; Technologie: 3 ans
Course Location:	Sudbury, Ontario
Delivery Method:	Face à face et à distance
Certification:	Diplôme
Aboriginal Content:	Un cours de culture autochtone
Support Services:	Association des étudiants, counselling, placement, tutorat, etc.
Accreditation:	Institut forestier du Canada et ordre des technologies
Other Information:	
For Further Information or Application Forms, Contact:	Raymond Guy, chef d'équipe Collège Boréal 261 avenue Notre-Dame Sudbury, ON P3C 5K4 Phone: (705)671-2347 (ext. 2214) or 1-800-361-6673 Fax: (705)671-2550

La Cité collégiale

Foresterie

Type of Institution:	Collège d'arts appliqués et de technologie
Type of Program(s):	Techniques forestières; Techniques d'aménagement de la faune (co-op); Travail forestier (co-op)
Entrance Requirements:	Diplôme d'études secondaires de l'Ontario de niveau général ou avancé, ou l'équivalent, ou qualité de candidat(e) adulte (19 ans ou plus); Techniques d'aménagement de la faune: Diplôme d'un programme de Techniques forestières ou l'équivalent
Length of Program:	Techniques forestières: 2 ans; Techniques d'aménagement de la faune: 1 an; Travail forestier: 1 an
Course Location:	Ottawa, Ontario
Delivery Method:	En laboratoire et sur le terrain
Certification:	Diplôme; Travail forestier: Certificat (le programme prévoit aussi un stage COOP en industrie pour ses future diplômé(e)s)
Aboriginal Content:	Information général
Support Services:	Tutorat, counselling et service de santé, placement pour la recherche d'emploi
Accreditation:	
Other Information:	All courses are offered in French
For Further Information or Application Forms, Contact:	Jacques Bouvier, Coordinator of Forestry Programs 801, promenade de l'Aviation Ottawa, ON K1K 4R3 Phone:(613)742-2493 ext.#2160 Fax:(613)742-2480

Northern College

Type of Institution:	College
Type of Program(s):	Environmental Technology (Post-Diploma), Survey Technician Program, Civil Engineering Technician: Technology Program with Survey Technician Option; Technology Program
Entrance Requirements:	Environmental Technology: For students who have graduated from a Technology or Mining program with further specialization in the environmental field. Survey Technician: Student will enrol in the first year of the Civil Engineering Technician Program and select the Survey Option.
Length of Program:	Environmental Technology: 1 year Survey Technician: 2 and 3 years Civil Engineering Technician/Technology Program: 2 and 3 years
Course Location:	Timmins, Porcupine Campus, Ontario
Delivery Method:	Classroom and Field work
Certification:	2 year program - Certificate; 3 year program - Diploma; Environmental Technology is a Post-Diploma
Aboriginal Content:	Not specified
Support Services:	Native Counselling Services offers: counselling and referrals, special needs, advising and advocacy, organization, social activities; also Travelling Native Student Advisor
Accreditation:	Northern College

Northern College

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Other Information: Northern College continuously endeavours to develop programs that meet the changing needs of community employers

For Further Information or Application Forms, Contact: Admissions Officer
Northern College
Porcupine Campus
P.O. Box 3211
Timmins, ON P4N 8R6
Phone:(705)235-3211 or 1-800-461-2167
Summer Hours: Monday-Friday at 9-3:30 pm
Fax:(705)235-7279

Sault College of Applied Arts & Technology**Aboriginal Resource Technician Program**

Type of Institution:	College
Type of Program(s):	Aboriginal Resource Technician
Entrance Requirements:	Grade 12 graduation w/ English12 and Technical Math12, mature students will be considered on an individual basis
Length of Course:	3 years - 6 semesters (extra optional)
Course Location:	Various Contact North sites within Ontario
Delivery Method:	Distance Education
Certification:	Diploma
Aboriginal Content:	Curriculum attempts to combine Aboriginal issues with regular course content. One course in Aboriginal Lands Management
Support Services:	Native Outreach Support Officer
Accreditation:	Provincially known, ie: Ministry of Natural Resources
Other Information:	Optional program in relation to Forest Resources
For Further Information or Application Forms, Contact:	Sault College of Applied Arts & Technology P.O. Box 60, 443 Northern Road Sault Ste Marie, ON P6A 5L3 Phone:(705)759-2554; Fax:(705)753-3273

Sir Sandford Fleming College

School of Natural Resources

Type of Institution: College

Type of Program(s): Forestry Technician; Forestry Technologist

Entrance Requirements: Technician: Ontario Secondary School Diploma (or equivalent) with Gr. 12 English and Math (general level); Technologist: Forestry Technician diploma or equivalent; mature students (19 yrs of age) will be considered on individual basis

Length of Program: Technician: 2 years; Technologist: 3 years

Course Location: Lindsay, Ontario

Delivery Method: Classroom & field (alternative delivery is being developed)

Certification: Diploma

Aboriginal Content: Not specified

Support Services: Counsellor, Student Association

Accreditation: Ministry of Education and Training

Other Information:

For Further Information or Application Forms, Contact: Admissions Department
 School of Natural Resources
 Sir Sandford Fleming College
 Box 8000, Albert Street South
 Lindsay, ON K9V 5E6
 Phone: (705)324-9144; Fax: (705)878-9312

Sir Sanford Fleming College

Eco-Tourism Management

Type of Institution:	College
Type of Program(s):	Post-diploma Eco-Tourism Management
Entrance Requirements:	Program is open to students with either a two year diploma in Natural Resources or a two year diploma in Tourism and Hospitality
Length of Course:	8 months
Course Location:	Haliburton, Ontario
Delivery Method:	Classroom and field placement
Certification:	Eco-Tourism Management Certificate
Aboriginal Content:	Most of the content involves Indigenous peoples and communities in Central and South America and international communities around the world
Support Services:	Counselling, tutoring
Accreditation:	Canada and internationally known in the eco-tourism market
Other Information:	Eco-tourism is an exciting means of bringing environmentally and culturally sensitive travel to natural areas of the world. The eco-tourism philosophy results in the development of sustainable communities and conservation practices
For Further Information or Application Forms, Contact:	Allen MacPherson, Professor/Coordinator Haliburton Campus Sir Sanford Fleming College Box 339 Haliburton, ON K0M 1S0 Phone:(705)457-1680; Fax:(705)457-2255 email:amacpher@flemingc.on.ca

Saskatchewan Institute of Applied Science and Technology**Natural Resources: Integrated Resource Management**

Type of Institution:	College
Type of Program(s):	Integrated Resource Management Program combines the 4 major resource fields of forestry, fisheries, wildlife and parks management, along with specific modules on law enforcement, forest fire management, public relations and administration; or Forestry Technician, which is a one year certificate program
Entrance Requirements:	Grade 12 graduation w/ excel in Biology 30, English 30, Math 30; also prior to intake: CPR, Firearm Safety, Blasting Ticket, Univ. classes in Statistics, Ecology, Biology, Geography, Writing technical reports, and Computer applications; Forestry Technician program is generally recommended to those who have particular interest or who require specialized knowledge
Length of Program:	2 year/80 wks program; Forestry Tech. 1 year/40 wks
Course Location:	Prince Albert, Saskatchewan
Delivery Method:	Competency-based education, practical training (6-8 weeks of field skill development)
Certification:	Diploma and Certificate
Aboriginal Content:	Not specified
Support Services:	Counselling, tutoring
Accreditation:	North American Wildlife Technicians Association
Other Information:	Currently there is a 2 year waiting list; intakes are in September
For Further Information or Application Forms, Contact:	Integrated Resource Management Woodland Institute SIAST 1100 15 Street East, P.O. Box 3003 Prince Albert, SK S6V 6G1 Phone:(306)953-7076; Fax:(306)953-7099

Yukon College**Renewable Resources Management**

Type of Institution:	College
Type of Program(s):	Renewable Resources Management
Entrance Requirements:	Intake every two years, next entry is in 1997. Resident of YK, NWT, NBC: Gr 12 w/ Math, English, Science. Current Firearms Acquisition Certificate.
Length of Program:	2 years
Course Location:	Whitehorse, Yukon
Delivery Method:	Classes run from August to April. Many courses include mandatory lab and field components, parts of which require work on weekends. Team and individual projects, discussions and presentations are important aspects of program delivery.
Certification:	Diploma in Renewable Resources Management
Aboriginal Content:	Particular attention is directed to preparing for work with First Nations governments and in cross-cultural settings. Curriculum program has: Tradition and Change; a First Nations Perspective
Support Services:	First Nations counsellors and students association
Accreditation:	
Other Information:	Class size is limited to 24 students; 14 of these seats are reserved for Yukon First Nations; women are encouraged to apply
For Further Information or Application Forms, Contact:	Yukon College P.O. Box 2799 Whitehorse, YK Y1A 5K4 Phone:(403)668-8710; Fax:(403)668-8896 email: jbrown@yukoncollege.yk.ca - or email: sross@yukoncollege.yk.ca

CONTINUING EDUCATION PROGRAMS

Alberta Advanced Forest Management Institute**Advanced Forestry Education Program**

Type of Institution:	Non-profit
Type of Program(s):	Advanced Forestry Education Program: Forest Ecology Principles, Silviculture Systems, Stand Development & Forecasting, Silviculture Planning & Practices, Forest Level Management
Entrance Requirements:	Must be a Forester or graduate Technologist and have a minimum of five years of work experience in forest management to enroll in this program
Length of Program:	Five two-week modules, with a sixth module, shorter in length
Course Location:	Hinton, Alberta
Delivery Method:	Classroom
Certificate:	Continuing Education credits
Aboriginal Content:	None
Support Services:	None
Accreditation:	Alberta Registered Professional Foresters Association and Alberta Forest Technologists Association
Other Information:	To register contact our local regional forest management forester for courses offered off-campus. Be sure to get your applications in early as courses fill up quickly.
For Further Information or Application Forms, Contact:	Ellen Brezina Course Coordinator Forest Management Training Group Environmental Training Centre 1176 Switzer Drive Hinton, AB T7V 1V3 Phone:(403)865-8200; Fax:(403)865-8266 email:ebrezina@env.gov.ab.ca

Alberta Advanced Forest Management Institute**Environmental Training Centre**

Type of Institution: Non-profit

Type of Program(s): Cable Logging Workshop; Forest Landscape Management; Forest Pests and Disease; Operator Awareness in Forest Operations; Regeneration Survey Certification; Scaling; Tree Planting and Supervision

Entrance Requirements: Must be a Forester or graduate Technologist and have a minimum of five years of work experience in forest management to enroll in this program

Length of Program: Five two-week modules, with a sixth module, shorter in length

Course Location: Hinton, Alberta

Delivery Method: Classroom

Certificate: Continuing Education credits

Aboriginal Content: None

Support Services: None

Accreditation: Alberta Registered Professional Foresters Association and Alberta Forest Technologists Association

Other Information: To register contact our local regional forest management forester for courses offered off-campus. Be sure to get your applications in early as courses fill up quickly.

For Further Information or Application Forms, Contact: Ellen Brezina
Course Coordinator
Forest Management Training Centre
Environmental Training Centre
1176 Switzer Drive
Hinton, AB T7V 1V3
Phone:(403)865-8200; Fax:(403)865-8266
email:ebrezina@env.gov.ab.ca

Silviculture Institute of British Columbia

Type of Institution:	Non-profit society
Type of Program(s):	Advanced Silviculture (AS); Technical Module Program (TMP); Silviculture 1 & 2 Correspondence courses (SCC)
Entrance Requirements:	AS: RPF with the Assoc. of BC Professional Foresters (ABC PF), + 5 yrs of forest mgt (silviculture) work experience; TMP: Forestry Tech diploma + 5 yrs of work experience (silviculture) or a university degree in an allied science + 5 yrs of forestry field experience (silviculture); SCC: ABCPF Foresters-in-Training (Allied Science) and Forestry pupils working towards registration; and open to others wishing to learn about basic silviculture principles
Length of Program:	AS: over the period of 3 yrs , max 5 yrs to complete all six modules; TMP: 3 yrs to complete 6 - 1 wk modules; SCC: 7 months w/ 1 month break between 1 & 2
Course Location:	Vancouver, British Columbia or via correspondence
Delivery Method:	Classroom, field work, and/or correspondence
Certification:	Professional program - UBC Diploma in Forestry (Advanced Silviculture)
Aboriginal Content:	With relation to integrated resource management
Support Services:	Education Counselling
Accreditation:	University of British Columbia
Other Information:	
For Further Information of Application Forms, Contact:	Candace Parsons Executive Director Silviculture Institute of British Columbia 2665 East Mall, UBC Campus Vancouver, BC V6T 1W5 Phone:(604)224-7800; Fax:(604)224-7010 email: claird@unixg.ubc.ca

Canadian Institute of Forestry

Continuing Forestry Education

Type of Institution: Non-profit

Type of Program(s): Upgrading Resource Management including all Forestry Professional, RPF's, Forestry Graduates

Entrance Requirements: Forestry professionals, biologists, technicians

Length of Program: Complete 150 contact hours of continuing education in a consecutive 3 year period

Course Location: Self-directed

Delivery Method: Structured Learning: 60 hrs minimum; Self Improvement: 90 hrs maximum; Professional Contributions: 60 hrs: maximum

Certification: Certificate

Aboriginal Content: Depending on training needed

Support Services: Maintains professional integrity by remaining current. Recognition from peers through newsletters and annual meetings

Accreditation: Canadian Institute of Forestry, nationally known

Other Information: Assist members in reviewing their knowledge of current literature and keep abreast of new opportunities to upgrade knowledge. Stimulate individual self-assessment by providing standards for achievement

For Further Information or Application Forms, Contact: Canadian Institute of Forestry
606 - 151 Slater Street
Ottawa, ON K1P 5H3
Phone:(613)234-2242; Fax:(613)234-6181
email: 103741.553@compuserve.com

Lakehead University and University of Toronto

Ontario Advanced Forestry Program**

Type of Institution:	University
Type of Program(s):	Continuing Education for Forestry professionals
Entrance Requirements:	BSc in Forestry or related field discipline with extensive experience in resource management. However, enrolment is open to technicians; people who have an interest in natural resources need the approval of the Director
Length of Program:	1 week
Course Location:	Dorset and Thunder Bay, Ontario
Delivery Method:	Program features a high standard of personal instruction provided by accomplished scientists and practitioners. Instructors are recruited from across North America, Europe and Australia by Module Leaders affiliated with Universities in Ontario. Field and classroom exercises
Certification:	Certificate
Aboriginal Content:	Each year the modules' course and instructor change. Anyone interested should call Lakehead University. Program is limited to 25 people
Support Services:	Through Lakehead University's student services
Accreditation:	Lakehead University and University of Toronto
Other Information:	** Program is not offered this year...pending on funding and as needed. For information contact Dr Ken Brown at (807)343-8114
For Further Information or Application Forms, Contact:	Ontario Advanced Forestry Program School of Forestry Lakehead University 955 Oliver Road Thunder Bay, ON P7B 5E1 Phone:(807)343-8330; Fax:(807)343-8117

Ontario Advanced Forestry Program**

<p>Individuals who have an interest in forestry and wish to gain a high standard of personal education should consider the Ontario Advanced Forestry Program. This program is designed to provide a high standard of personal education in forestry and related fields. The program is open to individuals who have an interest in forestry and wish to gain a high standard of personal education. The program is designed to provide a high standard of personal education in forestry and related fields. The program is open to individuals who have an interest in forestry and wish to gain a high standard of personal education.</p>	<p>Type of Institution: Lakeland University and University of Toronto</p> <p>Type of Program: Advanced Forestry Program</p> <p>Distance Requirements: None</p> <p>Length of Program: 1 year</p> <p>Course Location: Lakeland and University of Toronto</p> <p>Delivery Methods: Program features a high standard of personal education in forestry and related fields. The program is designed to provide a high standard of personal education in forestry and related fields. The program is open to individuals who have an interest in forestry and wish to gain a high standard of personal education.</p>
<p>For more information, contact the Ontario Advanced Forestry Program at Lakeland University and University of Toronto. The program is designed to provide a high standard of personal education in forestry and related fields. The program is open to individuals who have an interest in forestry and wish to gain a high standard of personal education.</p>	<p>Certification: None</p> <p>Adapted Content: None</p> <p>Support Services: Through Lakeland University, student services are available.</p>
<p>The program is not offered this year, pending on funding and is not available. For information contact Dr. Ken Brown at (905) 433-8114.</p>	<p>Accreditation: None</p> <p>Other Information: None</p>
<p>Ontario Advanced Forestry Program School of Forestry Lakeland University 633-0100 Road Thunder Bay, ON L7B 2E1 Phone: (800) 243-8114 ext. 2222 (905) 433-8114</p>	<p>For Further Information or Application Form Contact: None</p>

**FOREST WORKER TRAINING
PROGRAMS**

The Banff Centre for Management

Type of Institution:	Non-profit
Type of Program(s):	Aboriginal Natural Resources Management and Development; Geographic Information Systems for Aboriginal Lands Management
Entrance Requirements:	Aboriginal leaders who are directly involved in natural resources development activities for their respective communities; Aboriginal executives and managers who are in the forefront of development stages in the fields of natural resources management and development negotiations with the forest industry; general interested parties, and those with an interest of integrating GIS with current operations
Length of Training:	Offered October 7-10, 1996 (only) GIS: September 29 - October 3, 1996 (only)
Course Location:	Sacred Springs, Banff, Alberta
Delivery Method:	Workshops detailing Aboriginal initiatives in the development of forestry and timber resources, including influencing more favourable federal policy outcomes, and various other resources, management, sustainable uses; GIS: trainees will discover how the specialized technology of GIS and Aboriginal world views fit together in a very special way
Client Certification:	Certificate from Banff Centre
Aboriginal Content:	Faculty Leader for Natural Resource Management is Harry Bombay, Executive Director for the National Aboriginal Forestry Association. GIS Faculty leaders are Aboriginal professionals that major in GIS technology. The Banff Centre Programs are directed and developed for First Nations people

Support Services: There are special grants for tuition and accommodation available. Tuition is \$475.00, plus accommodation, travel and meals; GIS \$1250.00, plus accommodation, travel and meals. Airfare savings w/ Canadian Airlines International call: 1-800-667-0324 and refer to CV #M00066. GIS Faculty members are committed to on-going follow-up to address questions that arise post-workshop

Accreditation: The Banff Centre

Other Information: Any of the Aboriginal Leadership and Self-Government programs can be custom designed to meet the unique needs of your organization, business or community. They can deliver customized programs in Banff or in your own location

For Further Information or Application Forms, Contact: The Banff Centre for Management
Box 1020, Station 45
Banff, AB T0L 0C0
Phone:1-800-255-6327; Fax:(403)762-6422

Fairview College
Woodlot Management Courses

Type of Institution:	College
Type of Program(s):	Agro-forestry training in 3 Certificates of Proficiency
Entrance Requirements:	Not specified
Length of Training:	Introduction to Woodlot Management - 59 hrs; Woodlot Planning & Implementation - 97 hrs; Production & Marketing of Woodlot Products - 98 hrs
Course Location:	Fairview
Delivery Method:	Classroom and field work
Client Certification:	Certificate of Proficiency
Aboriginal Content:	Not specified
Support Services:	None
Accreditation:	Fairview College
Other Information:	Certificate includes courses in: Woodlot Ecology, Inventory; Economic Feasibility of Woodlots; Planning, Development, Maintenance, Harvesting, Marketing I & II, Sawmilling; Value added Processing Hardwoods & Softwoods
For Further Information or Application Forms, Contact:	Fairview College Box 3000 Fairview, AB T0H 1L0 Phone:(403)935-6600; Fax:(403)835-6698

Land and Forest Service

Forest Protection Division

Type of Institution:	Provincial government
Type of Program(s):	(i) Fire-Fighter; (ii) Crew Boss; (iii) Squad Boss; (iv) Sector Boss
Entrance Requirements:	(i) None for entry-level fire fighters but to move up to the next level, one needs to be certified at the previous level; (ii & iii) Must be a certified firefighter, with supervisory and leadership capabilities;(iv) Nominees must have Fire Boss I certification and considerable experience on fires in a supervisory role
Length of Training:	All are six full days, except for: (iv) two weeks
Course Location:	(i & iii) Training locations as needed across the province; (ii & iv) Environmental Training Centre, Hinton, Alberta
Delivery Method:	Classroom situation is often in tent camps in the field and delivered by Land and Forest Services (LFS) staff and contract instruction; (iv)Classroom situation, with two fire simulator exercises also conducted in this course
Client Certification:	A certificate is given to successful candidates
Aboriginal Content:	(iv) Cross-cultural awareness
Support Services:	All costs are paid by LFS
Accreditation:	Provincial Fireline Certification Program
Other Information:	Most of the trainees/workers are from various Métis and Native rural communities
For Further Information or Application Forms, Contact:	Mike Dubina Provincial Training Coordinator Forest Protection Division Land and Forest Services 10725-120 Avenue Edmonton, AB T5G 0S8 Phone:(403)427-6807; Fax:(403)479-2270

 BC Forestry Continuing Studies Network

Type of Institution:	Non-profit/Non-governmental organization
Type of Program(s):	Communication Skills, Engineering, Fire Management, Fish and Wildlife Management, Forest Administration, Ecology, Health, Hydrology and Management, Forest Measurements/General/GIS and Photography/Inventory/Residue and Waste Surveys/Scaling and Statistics, Forest Policy and Planning, Forest Soils, Integrated Resource Management, Public Forestry Education, Recreation, Silviculture/General/Reforestation/Surveys/Silviculture Systems, Technology, Timber Harvesting and Timber Products
Entrance Requirements:	All courses are dependent on training required and as needed by forestry workers
Length of Training:	Typically 1-3 days; some are longer
Course Location:	Throughout British Columbia
Delivery Method:	Classroom and field work
Client Certification:	Not specified
Aboriginal Content:	Some courses; mostly based on pure science of forest management
Support Services:	None
Accreditation:	Ministry of Forests
Other Information:	The courses available are for people in any forestry program that needs further training in their field
For Further Information or Application Forms, Contact:	Provincial Office Shirley Sato, Office Support BC Forestry Continuing Studies Network Room 270, 2357 Main Hall (UBC) Vancouver, BC V6T 1Z4 Phone:(604)822-5874; Fax:(604)822-3106

**Community Pacific Resource Group and
Training Centre**

Type of Institution:	Private
Type of Program(s):	Resource Information Management: Resource Information Research, Inventory Systems, Applied Cultural Research Methods, Geographic Information Systems (GIS), Map Reading & Aerial Photo Interpretation, Intro to Terrain Mapping; Forest Management: Silviculture, Inventory & Mapping, Supervision, Planting, Spacing & Pruning, Fire & Slash Burning, Safety, Chainsaw Maintenance, Repair & Safety, Power Scalper Safe Operation
Entrance Requirements:	Good reading skills, strong interest in maps & computers, Grade 10 preferred
Length of Training:	5 months
Course Location:	Courtenay
Delivery Method:	Classroom and field labs
Client Certification:	Certificate
Aboriginal Content:	Focuses on resource information needs of First Nations for resource management and treaty negotiations
Support Services:	Low student/instructor ratio, professional counselling (psychologist) available weekly, team building/networking integrated and encouraged in course content
Accreditation:	Province of British Columbia
Other Information:	Includes GIS and covers computer applications for resource information management in depth
For Further Information or Application Forms, Contact:	Community Pacific Resource Group (COMPAC) Suite 201 - 2785 Mansfield Drive Courtenay, BC V9N 2M2 Phone: (604)338-2895; Fax: (604)338-2891 email: compac@mars.ark.com (unverified)

Ecoforestry Institute Society

Type of Institution:	Non-profit educational society
Type of Program(s):	Ecoforestry Client Certification Program; Apprenticeship Training Program; Ecoforestry Summer; and Distance Learning Course
Entrance Requirements:	Open to any interested person
Length of Training:	Apprenticeship: Three weeks Ecoforestry Summer: Ten days Distance Learning Course: Six months
Course Location:	Sites in British Columbia, Canada and in Mountain Grove, Southern Oregon State, USA
Delivery Method:	Apprentices will learn hands-on skills and use of tools of the trade in a number of diverse forests. Ecoforestry summer students will learn hands-on experience. Distance learning course students are taught in classroom and field work.
Client Certification:	Ecoforestry Client Certification Program
Aboriginal Content:	Within the Ecoforestry Summer Program, one course offered is titled: <i>Indigenous Land Ethic & Native Plants & Fire</i> by Dennis Martinez, a Native American Restoration Ecologist
Support Services:	Any participants can request assistance with costs, depending on organizations funding
Accreditation:	Transferrable credits to Antioch University and University of Victoria (Students must contact the university)

Other Information: Only participants in the Summer Institute are eligible for the Apprenticeship Training. Canadians may pay for the Apprenticeship Training in C\$ directly to Ecoforestry Institute Society. Registration is limited to 40 participants. Register early to guarantee attendance. Accommodations are tent sites

For Further Information or Application Forms, Contact: Ecoforestry Institute Society
P.O. Box 5070, Station "B"
Victoria, BC V8R 6N3
Phone:(604)388-5459; Fax:(604)388-5123
email: eis@islandnet.com

First Nations Tribal Justice Institute

Conservation Officer Training

Type of Institution:	Non-profit
Type of Program(s):	Conservation Officer Training: Forestry, fisheries, wildlife management, environmental issues, and law enforcement
Entrance Requirements:	Minimum of grade 10 with good reading skills, exceptional English and math skills, work experience
Length of Program:	Intensive six months
Course Location:	Mission
Delivery Method:	Classroom and field work
Client Certification:	Certificate
Aboriginal Content:	Developed by a First Nations organization to train First Nations people
Support Services:	Trainees are assisted with employment accessibility
Accreditation:	First Nations Tribal Justice Institute
Other Information:	All First Nations Tribal Justice Institute programs are developed on the premise of First Nations law, jurisdiction and self-government initiatives. The training programs are approved by the First Nations Board of Directors, whose members come from across the country
For Further Information or Application Forms, Contact:	First Nations Tribal Justice Institute P.O. Box 3730 Mission, BC V2V 4L2 Phone:(604)826-3691; Fax:(604)826-9296

Lignum Ltd.

Type of Institution:	Private for-profit
Type of Program(s):	Technical Forestry skills, Supervisory skills
Entrance Requirements:	Grade 8-10 depending on course
Length of Training:	Varies 5-17 weeks, depending on course
Course Location:	Usually at First Nation's community
Delivery Method:	Classroom and field work
Client Certification:	Certificate
Aboriginal Content:	None
Support Services:	UIC supports the trainee while taking course
Accreditation:	BC Forest Service; University College of the Cariboo
Other Information:	Lignum Ltd. has a joint venture with various BC First Nations on forest sustainability
For Further Information or Application Forms, Contact:	Lignum Ltd. 1200 - 1090 West Georgia St. Vancouver, BC V6E 3V7 Phone:(604)687-2425; Fax:(604)640-5545 email: wwb@lignum.com

Lonewolf Silviculture Contracting & Training

Type of Institution:	Private for profit
Type of Program(s):	Pruning; Chainsaw or brushsaw safety & maintenance; Bucking & falling; Brushing & weeding; Juvenile tree spacing, Workplace Hazardous Materials Information System (WHMIS); Fire suppression certification
Entrance Requirements:	Must be at least 18 years of age
Length of Training:	Varies: 2-5 days
Course Location:	On-site in the community within British Columbia
Delivery Method:	Classroom and field work
Client Certification:	Not specified
Aboriginal Content:	Not specified
Support Services:	Not specified
Accreditation:	Not specified
Other Information:	Courses designed to assist forest workers in developing skills and knowledge to meet the safety, quality and production standards required in silviculture reforestation practices.
For Further Information or Application Forms, Contact:	Kevin LaCroix, Training Consultant Lonewolf Silviculture Contracting & Training RR3, COMP11, St. Anne's Road Armstrong, BC V0E 1B0 Phone:(250)558-4910; Fax:(250)558-7997

Ministry of Forests

Aboriginal Affairs

Type of Institution:	Non-profit/non-governmental organization
Type of Program(s):	Direct Award Silviculture; Fire Prevention Technician; Forest Worker Development
Entrance Requirements:	No major restrictions
Length of Training:	Few hours to 2 weeks in training; most of these programs are for Aboriginal forest contractors to develop their own training programs on reserve
Course Location:	Given by contractors and Ministry of Forests' staff on location within British Columbia
Delivery Method:	Classroom and field work
Client Certification:	Certificate
Aboriginal Content:	Dependent on course and instructor
Support Services:	Aboriginal Forestry Advisors directly linked with Aboriginal communities and the Ministry of Forests
Accreditation:	Some are recognized by Ministry of Forests
Other Information:	Course material at no extra cost
For Further Information or Application Forms, Contact:	Ministry of Forests, Forest Worker Training Program Aboriginal Affairs 610 Johnson Street, 3rd Floor Victoria, BC V8W 3E7 Phone:(604)356-7856; Fax:(604)356-6076

Ministry of Forests**British Columbia Forest Service**

Type of Institution:	Province of British Columbia
Type of Program(s):	Native Unit Crews
Entrance Requirements:	Available to work a minimum of 4 ½ months; 18 years or older; in good physical condition; able to achieve the minimum physical fitness requirements
Length of Training:	Intense training
Course Location:	District forestry units
Delivery Method:	Classroom and field work
Certificate:	Certified - ensure candidate meets minimum standards and unit crew criteria
Aboriginal Content:	Program is geared towards Native people
Support Services:	BC Forest Service supplies all the protective gear with the exception of work boots: all trainees must supply their own boots, which should have a vibram type sole, with good ankle support
Accreditation:	Ministry of Forests
Other Information:	When not fighting fires, unit crews can be found working on projects for programs such as Silviculture, Range, Recreation, Engineering, and Protection. Contact your Local District Office of the BC Forest Service for further information regarding these programs and for any future upcoming initiatives
For Further Information or Application Forms, Contact:	Ministry of Forests Aboriginal Affairs 3rd Floor - 610 Johnson Street Victoria, BC V8W 3E7 Phone:(604)356-7856; Fax:(604)356-6076

Open Learning Agency

Type of Institution: Non-profit, provincially accredited

Type of Program(s): Adult basic education, working with communities through the Learning Centre model to upgrade students to Grade 12. Assist communities to develop curriculum addressing local needs, including forestry studies at the high school level, and working to have curriculum provincially articulated. Also offer Bachelor of Science degree program and other degree programs, such as Bachelor of Administrative Studies, which may have forestry component. First Nations Land Stewardship Management Program being offered Summer 1997 in partnership with the University of British Columbia School of Community and Regional Planning, First Nations House of Learning and the Native Education Centre.

Entrance Requirements: Based on assessment tests

Length of Training: Usually 4-6 month courses

Course Location: No restrictions

Delivery Method: Distance education

Client Certification: Not specified

Aboriginal Content: As per community needs

Support Services: First Nations Education Advisor

Accreditation: Open Learning Agency

Other Information:

For Further Information or Application Forms, Contact: Open Learning Agency
4355 Mathissi Place
Burnaby, BC V5G 4S8
Phone: (604)431-3041 Toll free: 1-800-663-1786
Fax: (604)431-3388 Email: cleor@ola.bc.ca
Web page: <http://www.ola.bc.ca>

Shelterwood Forest Management Ltd.

West Coast Forestry Training Centre

Type of Institution:	Private for profit
Type of Program(s):	Safety in the Woods; Basic Silviculture; Spacing and Pruning; Forest Interventory and Mapping; Planting; Alder and Weed Control; Fire and Slash Burning; Contracting in Silviculture; Forestry Supervisor; Chainsaw Maintenance, Repair and Safety. Resource Information Programs: Geographical Information Systems; Business Development for First Nations are new programs being offered 1996/97
Entrance Requirements:	Must be at least 18 years of age
Length of Training:	Varies: 4 to 10 weeks
Course Location:	On-site in the community within British Columbia
Delivery Method:	Classroom and field work
Client Certification:	In related field of study
Aboriginal Content:	Not specified
Support Services:	Additional course available on Job Skills
Accreditation:	Registered with the British Columbia Ministry of Labour's Private Post-Secondary Education Commission
Other Information:	Focuses on providing training opportunities in forestry to First Nations communities
For Further Information or Application Forms, Contact:	Shelterwood Forest Management Ltd. West Coast Forestry Training Centre 392-10th Street Courtenay, BC V9N 1P5 Phone:(604)338-9717; Fax:(604)338-5604 email: shelter@comox.island.net

Silva Forest Foundation

Ecological Responsible Forest Use (1996)

Type of Institution:	Non-profit society
Type of Program(s):	Practical Forest Hydrology; Overview of Ecologically Responsible Forest Use; Forest Diseases and Insects; Ecologically Responsible Timber Management at the Stand Level, Modules:II & III; and Landscape Analysis and Planning for Large Forest Areas
Entrance Requirements:	For Ecologically Responsible Timber Management at the Stand Level, Modules: II and III, recommended prerequisite: Stand Level I or experience as a forest technician, logger, or forester; all other courses are open to any interested persons
Length of Training:	5 full days for each course
Program Location:	Private forest reserve near Salmo, and some courses are based in Nelson, British Columbia
Delivery Method:	Field work and class room
Client Certification:	Trainees receive a Certificate of Participation from Silva Forest Foundation
Aboriginal Content:	Directly applicable to Aboriginal context. Specially designed courses available upon request.
Support Services:	Bursaries are available for those who need assistance for tuition costs
Accreditation:	Registered with the BC Private Post-Secondary School Act
Other Information:	Silva Forest Foundation can design and deliver on-site workshops in your community
For Further Information or Application Forms, Contact:	Silva Forest Foundation P.O. Box 9 Slocan Park, BC V0G 2E0 Phone:(604)226-7222; Fax:(604)226-7446 email: silvafor@web.apc.org

 South Vancouver Island Forest Worker

 Training Initiative

Type of Institution:	Non-profit organization
Type of Program(s):	BC Coastal Fisheries & Forestry Guidelines; Forest Practices Code Awareness; Soil Conservation; Forest Road Deactivation; Wildlife/Danger Tree Accessors
Entrance Requirements:	Specific job-related training
Length of Training:	Dependent on training needed
Course Location:	On-the-job site preferred within British Columbia
Delivery Method:	Classroom and field work
Client Certification:	A record of training is maintained. Client certification is awarded for certain training programs and length
Aboriginal Content:	Training is interactive and participatory
Support Services:	Assistance in developing training plans is the most important criteria
Accreditation:	Various agencies
Other Information:	This training initiative program is available for forest workers who want to update and integrate new procedures in their current job-related field
For Further Information or Application Forms, Contact:	South Vancouver Island Forest Workers Training Initiative 351 Brae Road Duncan, BC V9L 3T9 Phone:(604)746:6131; Fax:(604)746-1012

Eel Ground Community Development Centre Inc.

Type of Institution:	Non-profit/non-governmental organization
Type of Program(s):	Training available in: Vocational Forest Worker: Forest Operations on Sensitive Sites
Entrance Requirements:	Introduction to the Forest Industry I, Forest Protection, Chain Saw Production, Conventional Harvesting Techniques, Alternative Methods of Harvesting, General Forestry, Introduction to the Forest Industry II, Forest Measurement, Forest Machine Mechanism
Length of Training:	90 Hours (varies)
Course Location:	Miramichi
Delivery Method:	Lectures, field demonstration, and field exercises
Client Certification:	At either Provincial/Federal Levels
Aboriginal Content:	All training is focussed on how Aboriginal values can be incorporated into training modules. Training is available for 8-10 and 20 member groups for First Nations
Support Services:	Follow-up programs are part of the majority of training offered
Accreditation:	Province of New Brunswick
Other Information:	Aboriginal owned and operated by Eel Ground First Nation
For Further Information or Application Forms, Contact:	Eel Ground Community Development Centre Inc. Eel Ground First Nation RR#1, Box 6, Site 2 Miramichi, NB E1V 3L8 Phone:(506)627-4604; Fax:(506)627-4605

New Brunswick Community College

Vocational Forest Worker Program

Type of Institution:	Community College
Type of Program(s):	Vocational Forest Worker
Entrance Requirements:	Successfully completed high school education or the equivalent; adult high school diploma, or a GED certificate or high school equivalency
Length of Program:	Three semesters with 2 weeks practicum at the end of each semester
Course Location:	Miramichi
Delivery Method:	Classroom and field work
Certification:	Certificate
Aboriginal Content:	Not specified
Support Services:	Counselling and educational services
Accreditation:	Not specified
Other Information:	During training, there is involvement in all aspects of the establishment: maintenance, and harvesting of trees, including the growing and planting of tree seedlings, and the thinning of established tree stands. Develop skills in the establishment of new forests, the maintenance of existing ones, and various methods of harvesting
For Further Information or Application Forms, Contact:	New Brunswick Community College 80 University Avenue P.O. Box 1053 Miramichi, NB E1N 3W4 Phone:(506)778-6000; Fax:(506)778-6001

CNA Technical Services

Type of Institution:	Private for profit
Type of Program(s):	GIS Training, Chain Saw Operation and Safety, Survey Assistant/Line Cutter
Entrance Requirements:	Varies depending on services needed and experience in each area; mostly upgrading trades
Length of Training:	Varies
Course Location:	In office training available, serving First Nations communities
Delivery Method:	Classroom and hands on training
Client Certification:	Certificate of Training
Aboriginal Content:	CNA Technical Services is First Nations owned and operated, to serve the First Nations communities
Support Services:	Follow-up with clients/trainees
Accreditation:	
Other Information:	CNA will be investigating the possibilities of offering soil analysis, slump tests, water and sewer designs, road and highways designs and hydrology as future services
For Further Information or Application Forms, Contact:	Cindy Nault-Crowe CNA Technical Services 286 Perth Crescent Thunder Bay, ON P7A 7N8 Phone: (807)767-5607 Fax: (807)767-6654

Garden River Forestry Unit

Scaling Course

Type of Institution:	Non-profit
Type of Program(s):	Scaling course
Entrance Requirements:	Restricted to First Nations with a minimum of at least Ontario grade 10 standing, or a demonstrated equivalent ability in education and experience in either scaling or other closely allied woods work
Length of Training:	5 weeks
Course Location:	Garden River First Nation
Delivery Method:	2 weeks of classroom instruction, 2 weeks of practical field instruction, and the final week will be review and testing. Both the theoretical and practical instructions and tests will conform with Ministry of Natural Resources standards
Client Certification:	Ontario Scalers Licence
Aboriginal Content:	First Nation participants input
Other Information:	Successful applicants are responsible for course costs, travel and lodging. A written mathematics test is also required that will help the instructor determine what level and knowledge each trainee has in the woods industry as related to scaling
For Further Information or Application Forms, Contact:	Alexis Vanderheyden Garden River First Nation RR#4, Site 5, Box 7 Garden River, ON P6A 5K9 Phone:(705)946-6300 ext#60; Fax:(705)945-1415 email: grfn@soonet.ca

GERFOR Training & Consulting Inc.

- Type of Institution:** Private for-profit
- Type of Program(s):** Silvicultural Training; Harvesting Training; Professional and Technical Consulting (use of proven Swedish methods)
- Entrance Requirements:** For individuals and organizations who need development and specific training needs to further their current knowledge; anyone who is interested is also welcome
- Length of Training:** Varies for each program
- Course Location:** Kenogamisis Centre (Geraldton) or at client's location
- Delivery Method:** Classroom and field work, hands-on in the field
- Client Certification:** Certificate
- Aboriginal Content:** None but will develop if required by trainees
- Student Services:** Assist with job location, extra tutoring if requested
- Accreditation:** Forest Industry, Provincial Government
- Other Information:** Both basic and advanced training in a variety of silvicultural techniques, associated with equipment operation, appropriate ecosystem management, and environmental protection will lead to sustainability of our forest land base

For Further Information or Application Forms, Contact: GERFOR Training & Consulting Inc.
P.O. Box 1254
Geraldton, ON P0T 1M0
Phone:(807)854-0368; Fax:(807)854-2336
email: haavisto@geraldton.lakeheadu.ca

National Aboriginal Forestry Association

Introduction to Aboriginal Forest Land Management

Type of Institution:	Non-profit, Aboriginal controlled
Type of Program(s):	Based on the Aboriginal Forest Land Management Guidelines: A Community Approach; covers essentials of forest land management incorporating Aboriginal issues and values
Entrance Requirements:	Interest in subject area
Length of Training:	2-5 days
Course Location:	At community request
Delivery Method:	Classroom and field work
Client Certification:	None
Aboriginal Content:	Directed specifically to First Nations and covers issues and values Aboriginal people bring to forest land management
Student Services:	None
Accreditation:	Not specified
Other Information:	Course is developed with community, addressing community needs. Provides a basic knowledge of sustainable forest management planning. Offered on a cost-recovery basis.
For Further Information or Application Forms, Contact:	National Aboriginal Forestry Association 875 Bank St. Ottawa, ON K1S 3W4 Phone:(613)233-5563; Fax:(613)233-4329 email: nafa@web.net home page: http://sae.ca/nafa

Native Training Centre

Type of Institution: Non-profit organization

Type of Program(s): Firefighters Course; Sawmill Forestry Technology Program; Wildlife/Forestry Conservation Program

Entrance Requirements: Firefighters: volunteer position on reserve; Sawmill Forestry: no necessary experience required; Wildlife/Forestry Conservation: highschool level education with math, english, and sciences

Length of Training: 6 months - 2 years, depending on the training course taken and the trainee. Sawmill Forestry Technology Program: 20 weeks on reserve

Course Location: On-reserve, flexible to locate to various sites and at home school study (Home study/Distance Education)

Delivery Method: Classroom and field work

Client Certification: Certificate

Aboriginal Content: Aboriginal instructors/facilitators. Aboriginal training developed to serve the community's needs

Support Services: Staff and instructors are dedicated and available to students/trainees when they have questions or problems

Accreditation:

Other Information: Funding may be available through your First Nation office, local education office or Canada Employment Centre

For Further Information or Application Forms, Contact: Larry Stewart, Program Consultant
Native Training & Development Centre
Suite 107 - 269 Main Street West
North Bay, ON P1B 2T8
Phone:(705)494-4700 or 1-800-267-2577
Fax:(705)497-7839

Saskatchewan Institute of Applied Science and Technology**Woodland Institute**

Type of Institution:	College
Type of Program(s):	Vocational Forestry
Entrance Requirements:	Participants must be +17 yrs of age. A basic skills test may be required for assessment of reading level, mathematical ability, and training needs
Length of Program:	All training is divided into modules and duration varies as to the number of modules and the degree of proficiency required. Training can focus on specific tasks or on any of the varied modules offered; chain saws, planting trees, skidder, feller buncher, to fork lift, etc.
Course Location:	As required by client within Saskatchewan
Delivery Method:	Classroom and field work
Certification:	Certificate (A Statement of Achievement)
Aboriginal Content:	Not specified
Support Services:	Counselling/Life Management
Accreditation:	Saskatchewan Institute of Applied Science and Technology
Other Information:	
For Further Information or Application Forms, Contact:	Bob MacFarlane, Program Head Vocational Forestry Woodland Institute SIAST 1100 15 Street East P.O. Box 3003 Prince Albert, SK S6V 6G1 Phone:(306)953-7158; Fax:(306)953-7100

Centre for Indigenous Peoples, Nutrition and Environment(CINE)

McGill University

Type of Institution:	University-based Centre
Type of Program(s):	Mission: In concert with Indigenous peoples, CINE will undertake community-based research and education related to traditional food systems (ie: "How the Environment Provides Human Nutrition," "Nutrition, Diabetes and Cancer" and "Nutrition of Aboriginal Peoples" at Secwepemac Cultural Education Society and Simon Fraser University); develop and conduct grass roots training programs with Arctic (Aurora) College, Yukon College, and other colleges and CINE's host community (Kahnawake Mohawk Territory) on topics related to nutrition and environment related to food use; foster the educational development of Aboriginal students through secondary/post-secondary school in disciplines related to nutrition and the environment; train graduate students (MSc, Ph.D levels) in topics related to nutrition and environment; Flexible according to community needs
Entrance Requirements:	Flexible according to community needs
Length of Training:	Varies: depending on the research and study method being conducted
Course Location:	Approximately 40 First Nation communities conducted and received research projects for workshop/training programs
Delivery Method:	For First Nations, workshops are available on: research techniques and gathering data; for MSc and Ph.D candidates: field, laboratory work and classroom
Client Certification:	Contribute to university education at pre- and post-graduate levels in disciplines related to studies in nutrition and the environment; First Nations receive certificate for workshops
Aboriginal Content:	Document, promote, and incorporate traditional knowledge of nutrition and environment

Centre for Indigenous Peoples Nutrition and Environment

page 2 continued

Support Services: Student services available through McGill University

Accreditation: McGill University, Assembly of First Nations, Council of Yukon First Nations, Dene Nation, Inuit Circumpolar Conference, Inuit Tapirisat of Canada, and the Métis Nation of NWT

Other Information: Develop participatory relationships between communities and scientists for undertaking research in nutrition and ecosystems; communicate research findings widely, both nationally and internationally, and contribute to policy developments in areas related to the CINE mission

For Further Information or Application Forms, Contact: Centre for Indigenous Peoples Nutrition and Environment
 Macdonald Campus of McGill University
 21, 111 Lakeshore
 Ste. Anne-de-Bellevue, PQ H9X 3V9
 Phone:(514)398-7544; Fax:(514)398-1020
 email: delormier@agradm.lan.mcgill.ca

Cégep de Baie Comeau

Indian Training Centre

Type of Institution:	Non-profit/Non-governmental
Type of Program(s):	Integrated land management: forestry, wildlife, conservation and protection
Entrance Requirements:	Available for training, consultation and supervision
Length of Training:	Varies
Course Location:	Cégep de Baie-Comeau or elsewhere in the First Nation communities of Quebec
Delivery Method:	Classroom and field work
Client Certification:	CEGEP offers educational programs leading to the Attestation of Collegiate Studies (ACS)
Aboriginal Content:	Integrated in the study programs, skills and knowledge related to the First Nation culture
Support Services:	Post-training help and support; program funding and finance counselling
Accreditation:	Ministry of Education
Other Information:	It elaborates and gives programs and client-oriented training activities in both English and in French

For Further Information or Application Forms, Contact:

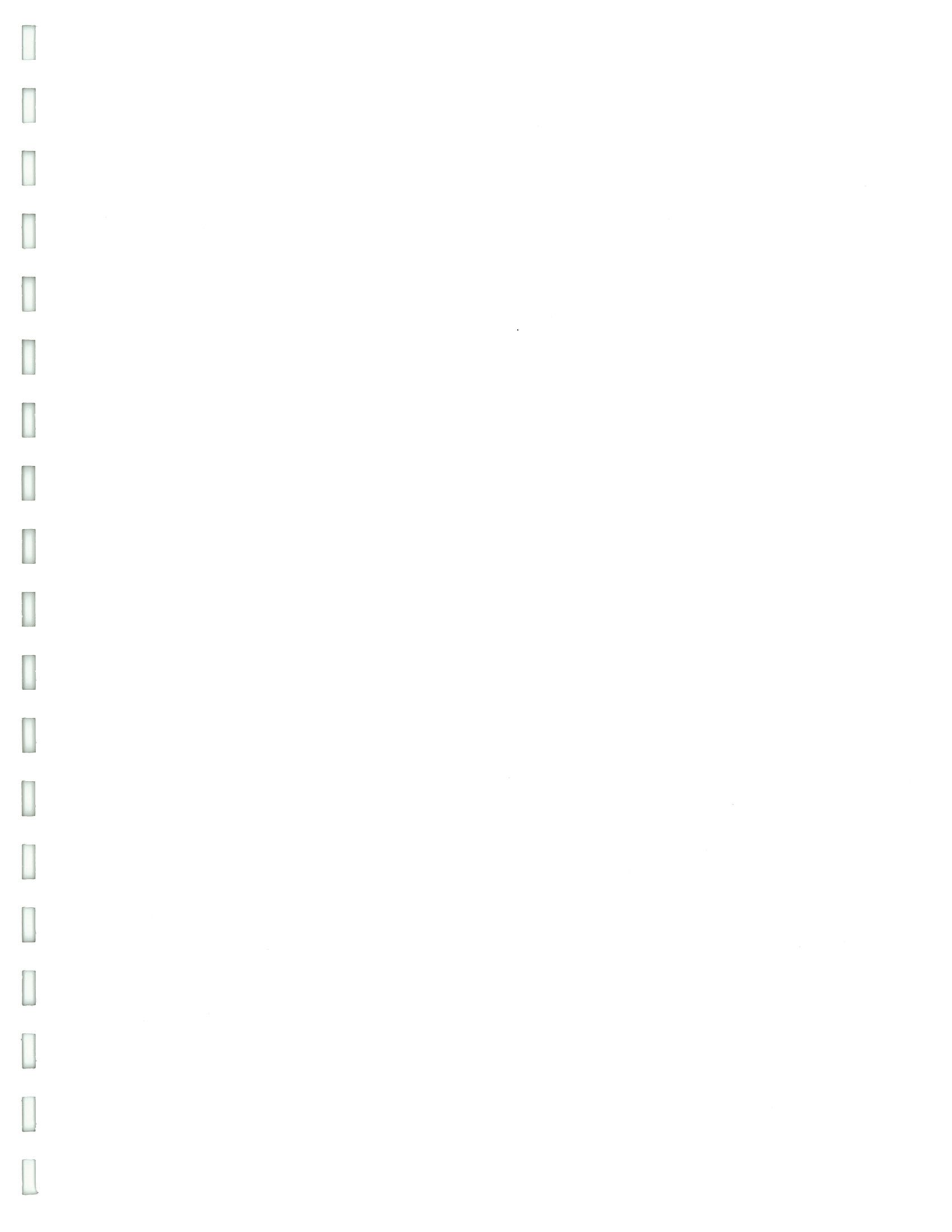
In English:	En Français:
Jean-Eudes Gagnon	Denise Dion
Training Counsellor	Conseillère en formation
Indian Training Centre CEGEP of Baie-Comeau 537, boulevard Blanche Baie-Comeau, Quebec G5C 2B2	
Phone:(418)589-5707	Phone: (418)295-2237 or 1-800-214-6373
Fax:(418)589-9842	

Na-Cho Nyäk Dun Management**Training Program**

Type of Institution:	Non-profit (Na-Cho Nyäk Dun First Nation)
Type of Program(s):	Lands Management; Renewable Resources Courses; Forestry Crew Person Course (esp: Silviculture)
Entrance Requirements:	Acceptable standards in English and Math. The program includes a customized upgrading component for students who lack the essential high school qualifications
Length of Training:	The Lands Management part of the project consists of one month of full-time training. This training is preceded by instruction in communications; Renewable Resources: 10 weeks prep, 17 weeks of additional training
Course Location:	Ayamdigut Campus, Whitehorse, Teslin Campus, Yukon
Delivery Method:	Classroom, lectures and field study
Client Certification:	Certificate
Aboriginal Content:	These courses are offered to the Na-Cho Nyäk Dun First Nation and First Nations of the Yukon
Support Services:	First Nations counsellor. Job search techniques, resumé writing, personal development courses integrated
Accreditation:	Yukon College
Other Information:	As this project is part of a larger training package administered by Community Programs, it is advisable to check content with Dudley Morgan or Chris Blore
For Further Information or Application Forms, Contact:	Na-Cho Nyäk Dun Management Training Program Yukon College Box 2799 Whitehorse, YK Y1A 5K4 Phone:(403)668-8710; Fax:(403)668-8896

Training Program

Non-profit Ma-Cho Nyeik Dun (First Nation)	Type of Institution:
Lands Management, Wilderness Resources, Cultural, Community Care, Forest Conservation, Sustainable	Type of Program:
It provides students in English and With The Program includes a customized ongoing component for students who lack the essential in their school education	Education Requirements:
The Lands Management part of the project consists of one month of full time training. The training is provided in instruction in communication, Wilderness Resources. 10 weeks and 11 weeks of additional training	Length of Training:
Geographic: Campus, Whitehorse, Yukon Campus, Yukon	Course Location:
Campus, lecture and field study	Delivery Method:
Certificate	Credit Certification:
These courses are related to the Ma-Cho Nyeik Dun First Nation and First Nations of the Yukon	Alignment / content:
First Nations community - job search, co-op, resume writing, personal development, career guidance	Support Services:
Yukon College	Accreditation:
As an approved member of a first nation college administered by Community Program, it is advised to check content with Faculty Advisor of Yukon College	Other Information:
Ma-Cho Nyeik Dun Management Training Program Yukon College Box 3199 Whitehorse, YT / Y1A 2K1 Phone: (867) 333-4100 or (867) 333-4100	For further information or application forms, Contact:





**National
Aboriginal
Forestry
Association**

Head Office:
P.O. Box 200
Golden Lake, ON
K0J 1X0
Tel: (613) 625-2233

Branch Office:
875 Bank Street
Ottawa, ON
K1S 3W4
Tel: (613) 233-5563
Fax: (613) 233-4329
E-Mail: nafa@web.net
Internet: <http://sae.ca/nafa>

