



FORESTRY TECHNICIAN PROGRAM

47-Week Diploma Program

2008-2009 HANDBOOK FOR APPLICANTS

Algonquin College in the Ottawa Valley
Pembroke, Ontario

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FORESTRY TECHNICIAN PROGRAM

ALGONQUIN COLLEGE IN THE OTTAWA VALLEY

Thank you for applying to the Forestry Technician Program offered at Algonquin College's Pembroke Campus. We believe our program is one of the most exciting, innovative and field oriented programs in all of Ontario.

The following is specific information regarding the application process and details of the program. It is designed to complement the basic overview available in either the 'Forestry Technician Monograph' or on our campus website:

www.algonquincollege.com/acad_menus/current/0108X4FPM.html

Please refer to these sources for general college and course information.

Other information can be found at our Forestry Technician Program website:

www.algonquincollege.com/pembroke/programs/forestry

The attached information will guide you through the application process and prepare you for the program. Please keep this package and refer to it often.

Once again, thank you for considering Algonquin College in the Ottawa Valley as your preferred location to complete your post-secondary studies.

Sincerely,

Murray Kyte, Chair
Business, Technology & Outdoor Training

For additional information, please contact:

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FORESTRY TECHNICIAN PROGRAM
APPLICANT HANDBOOK
TABLE OF CONTENTS

Statement of Responsibility, Safety, and Liability 1

Eligibility and Selection..... 2

Fees and Expenses..... 3

Additional Fees and Expenses 3

Field Placement 6

Financial Aid Programs 6

More Information 7

STATEMENT OF RESPONSIBILITY, SAFETY AND LIABILITY

In order to learn the skills necessary to become an effective member of the Forestry Technician discipline, students must perform beyond the limits of a mere participant and assume a greater degree of responsibility and risk.

In all of the activities involved, there is an inherent element of risk which is beyond human control. Although no effort is spared to ensure a safe learning environment, we can ultimately assume no responsibility for your safety or loss of personal equipment.

A signed liability release is required of all students before commencement of the program. The student is encouraged to read it carefully and fully understand its implications before signing. A parent/guardian consent and release is required for minors (under 18 years of age).

ELIGIBILITY AND SELECTION

Part I

- Meet College Eligibility guidelines.
Meet Program Eligibility guidelines (Grade 12 English ENG4C or equivalent, is required) and (Grade 12 Math, MAP4C or MCT4C or MTT4G or Grade 11 Math, MBF3C, MTT3G, MCF3M, or a mathematics with a similar content, is required).

Part II

Prior to the beginning of the first day of classes, registered applicants must:

- Sign and submit a Forestry Technician Program Assumption of Risk and Indemnifying Release form and a Parental Consent form if the applicant is under the age of 18 years.
- Provide proof of current First Aid and CPR, Level A, certification.

Applicants who have met Part I of the above (College Eligibility and Program Eligibility requirements) will be accepted on a first come-first serve basis, but priority is given to those applicants who have applied prior to February 1.

Upon registration into the program, students must provide Part II: A signed Assumption of Risk and Indemnity Agreement form and proof of First Aid and CPR certification.

Should an applicant not have a current First Aid and CPR certificate, then s/he must obtain one by the end of October 2008 otherwise s/he will not be permitted to attend, or participate in, any program field activities.

FEES AND EXPENSES

Tuition fees listed are in effect for the 2007-2008 academic year.

Tuition Fees:	\$1,338.93 per term – see below.
International Student Fee:	\$5,600.00 per term – see monograph.
Information Technology Fee:	\$50.00 per term. *
Student Activity/Sports Fee:	\$150.50 per term.
Student Centre Building Fee:	\$17.50 per term.
Health Plan Fee:	\$123.08 paid once annually.*
Graduation Fee:	\$35.00 (payable in the final term)
Transcript Fee:	\$25.00 (payable in Level one) *
Health Service Fee:	\$10.00 per term.

Tuition fees cover: Instruction, use of major gear (such as chain saw, climbing ropes), and transportation to and from field activities (except for the Certification course).

* Please see Forestry Technician Program monograph or Algonquin website for details on these fees.

Please note that the above fees are current for the 2007-2008 academic year and are subject to change before commencement of the program for the 2008-2009 intake.

ADDITIONAL FEES AND EXPENSES

- **Books:**
\$1,150.00 (approximate) for duration of program. Second hand books and manuals are available, yet the student must be cognizant that changes may occur with newer editions.
- **Certifications:**
Students will be able to earn up to 20 industry, government, or college certifications through the Forestry Technician Program, most often at a significantly lower cost than if attained independently. Incorporating many certifications directly into the curriculum ensures graduates are immediately qualified for employment. The fee for each certificate itself reflects the costs imposed by governing bodies for testing, administration and processing. NOTE: Some certifications must be completed outside of the regular class schedule and at additional cost due to regulations of the official governing bodies (e.g. Tree Marking, Pesticide).

A sample of certifications, which students may earn, providing the instructors are available (costs are estimates):

Advanced Wilderness first Aid Certificate (\$400, includes manual)

Air Brake Endorsement (\$250)

Aircraft Safety and Awareness Certificate (\$25)

Astronomy Certificate (\$120-\$125)

Bear Awareness (\$25)
 Chainsaw Operator's Certificate (\$40, includes manual and booklets)
 Cold Weather Survival Certificate (\$150)
 Erosion and Sediment Control Certificate (\$4-\$5)
 Exterminator Licence (\$150 for first test, includes manuals; \$135 for second test)
 Fall Protection Training (\$200)
 Forest Operations Compliance Information System Certificate (free)
 Fur Management and Conservation Certificate (\$275, includes manual)
 Geographic Information System Certificate (free)
 Global Positioning System Certificate (\$50)
 Hunter Education (\$150)
 Installing Culverts Certificate (\$4-\$5)
 Lands Training (\$100-\$120, includes CD)
 Leave No Trace Certificate (free)
 Mechanical Harvesting Equipment Operator's Certificate (\$100+)
 Night Navigation Certificate (\$75)
 Ontario Recreation Canoe Association Certificates (varies)
 Prospector's Licence (\$25.50, includes manual)
 Restricted Radio Operator's Certificate (\$95)
 S100 Fire Fighters (TBA)
 S102 Fire Fighters (\$40, includes manual)
 Safe Boater's Certificate (\$50-\$65, may include manual)
 Scaler's Certificate (free)
 SCUBA Certificate (varies)
 Seed Collection Certificate (\$60-\$75, includes manual)
 Skidder Operator's Certificate (\$50-\$100)
 Transportation of Dangerous Goods Certificate (\$35-\$40)
 Tree Planting Certificate (varies)
 Tree Marking (provincial) Certificate (\$150)
 Warm Weather Survival (\$150)
 WHMIS (\$35-\$40)
 And a few others

- **Clothing and Equipment:**

Suitable outdoor clothing and gear is vital, not only for comfort, but for safety. Most students will already own appropriate items; therefore not all of the listed equipment need be purchased. Advice from faculty will ensure students spend their money on appropriate equipment. If starting from scratch, expect to spend \$500 on gear over the one year of the program. Keep in mind this equipment is required for work in the industry and has a useful life far beyond the Forestry Technician Program.

Basic Gear List: Students must have this gear

- Calculator (Metric conversion type is best) > \$30 - \$50
- Clipboard/Notebook > \$17 - \$40
- Compass with adjustable declination setting > \$50 - \$90
- CSA approved boots (work or hiking variety) > \$100 - \$150
- CSA approved hard hat > \$15 - \$35

- Emergency blanket > \$15 - \$ 20
- Flashlight and batteries (LED, Halogen or Xenon types are better) > \$30 - \$45
- FOX40 whistle > \$7 - \$9
- Heavy duty winter mitts > \$30 - \$60
- Pencils >
- Personal first aid kit – band aids, swabs, Polysporin, etc. > \$45 - \$100
- Pocket knife – Swiss or Leatherman > \$30 - \$100
- Large orange garbage bag (which can act as rain gear should one forget to bring it) > \$1
- Rain gear – hooded jacket and pants, rubberized “real” rain gear is essential > \$45 - \$95
- Sunscreen and bug repellent, or bug shirt > \$7 - \$70
- Warm layers: fleece pants and sweater - trim fit to be layered under and over other clothes > \$60 - \$90
- Watch > \$20 - \$200
- Waterproof matches >
- Windproof jacket – ‘warm up’ or gym style, among others > \$45 - \$95
- Winter boots – e.g. Sorel type (-30C) with removable liner > \$130-\$160
- Wool or fleece liner for hard hat > \$5 - \$20

Optional Gear List – in addition to the above list, students should bring this equipment, but can hold off buying new gear until later. This gear does not need to be purchased all at once.

- Binoculars – lightweight > \$80 - \$400
- Cruising vest > \$65 - \$90
- Cutter’s boots > \$120 - \$240
- ‘Day’ backpack – 25-45 Litre capacity, medium sized > \$55 - \$95
- Not to be confused with a ‘book bag’, need sturdy, mid-sized pack for day hikes
- Down or synthetic insulated jacket or parka > \$200 - \$250
- Long underwear tops and bottoms* > \$75 - \$100
- Polyester or polypropylene – not cotton!!
- Map measurer – non digital > \$30 - \$35
- Map scaled ruler > \$2 - \$3
- Orange coverall > \$45 - \$55
- Plastic map/photo carrying case > \$15 - \$150
- Prospector’s magnifying lens > \$10 - \$45
- Snowshoes > \$150 - \$200
- Socks – polypro light liners and heavy wool winter > \$10 - \$20
- Spare fleece layers – vest, pullovers etc. > \$25 - \$35

* As a rule, students should not be wearing cotton t-shirts, sweat shirts, jeans etc during outdoor field days, since cotton gets wet and cold. Fleece and polyester stay dryer and are warmer. These items are available at local ‘Outdoor’ stores.

Gear Provided by the Program

- Area dot grid
- Brushing saw

- Caliper
- Chain saws and related equipment
- Chain saw personal safety equipment
- Climbing gear
- Densiometer
- Diameter tape
- Fire equipment for S-100 and S-102
- GPS units – GARMIN 12
- Grease pencil
- Hypsometers
- Increment borer
- Measuring chain
- Metre ruler
- Pack sack
- Planimeter
- Planting shovel
- Prism, 2BAF
- Pruning saw
- Safety vest
- Scaling ruler
- Soil probe
- Soil testing kit
- Stereoscope
- Water quality kit

Please bring any of the above gear you may already have. Should any of the faculty have safety related concerns with your gear, you may be asked to use program equipment instead.

FIELD PLACEMENT

In order to apply what the students have been learning and gain 'real life' experience and knowledge, students will participate in a 2-week, self directed field placement in a Forestry Technician field (between semester two and three – i.e. spring). Students will research and apply for volunteer positions of their choosing in either industry, government or the private sector, providing it meets Course Outline criteria. Algonquin College will hold the responsibility for student liability and insurance. The staff of the Forestry Technician Program does not set up these placements. Since the nature of the work varies, it is dependent upon what the student chooses to pursue.

Should a student wish to take the Provincial Scalers Licence course, which may be held at the same time period, s/he can do so in lieu of Field Placement. Please meet with the program coordinator prior to this decision.

FINANCIAL AID PROGRAMS

Financial assistance programs are meant to supplement, not replace, the financial resources the student is expected to contribute toward his or her own education. Financial aid is designed to help students from lower-income families meet the costs of tuition fees, books and supplies, and basic living expenses.

Students planning to apply for financial aid through OSAP (Ontario Student Assistance Program) or other provincial funding programs, are advised to do so as soon as applications are available, usually around May 1. You do not have to wait until you are accepted into a program to apply.

It is recommended students find more information and apply on-line: <http://osap.gov.on.ca>.

MORE INFORMATION

The information here reflects the most current at the time of publication. Modifications may be made prior to class start. For inquiries, contact the following at their extension below:

	<u>613-735-4700 or 1-800-565-4723</u>
Frank Knaapen, Program Coordinator	Ext 2741
Jamie Bramburger, Manager, Community and Student Affairs	Ext 2756
Vicki Van Hoof, Admissions/Registration	Ext 2811
Brenda Chartrand, Payments	Ext 2702